

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101923\
 Data File : VD077351.D
 Acq On : 19 Oct 2023 13:07
 Operator : JC/SY
 Sample : VD1019SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

Quant Time: Oct 20 02:05:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	180760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	317959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	303116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	151503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	86003	53.283	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.560%			
35) Dibromofluoromethane	7.804	113	98771	44.217	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.440%			
50) Toluene-d8	10.269	98	371928	46.491	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 92.980%			
62) 4-Bromofluorobenzene	12.575	95	106819	46.386	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 92.780%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	37071	22.060	ug/l	97
3) Chloromethane	2.152	50	80752	23.597	ug/l	95
4) Vinyl Chloride	2.287	62	95445	23.611	ug/l	100
5) Bromomethane	2.693	94	67929	26.150	ug/l	98
6) Chloroethane	2.840	64	66154	23.279	ug/l	100
7) Trichlorofluoromethane	3.175	101	66284	16.164	ug/l	97
8) Diethyl Ether	3.599	74	19049	17.332	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.969	101	41299	19.466	ug/l	99
10) Methyl Iodide	4.163	142	38816	14.953	ug/l	91
11) Tert butyl alcohol	5.051	59	10820	119.166	ug/l #	89
12) 1,1-Dichloroethene	3.946	96	37806	18.165	ug/l	90
13) Acrolein	3.793	56	15603	98.994	ug/l	99
14) Allyl chloride	4.569	41	42323	21.432	ug/l	97
15) Acrylonitrile	5.251	53	43105	129.418	ug/l	98
16) Acetone	4.016	43	39292	111.011	ug/l	89
17) Carbon Disulfide	4.269	76	123440	20.176	ug/l	99
18) Methyl Acetate	4.551	43	28464	23.107	ug/l	93
19) Methyl tert-butyl Ether	5.316	73	79805	22.512	ug/l	100
20) Methylene Chloride	4.804	84	61336	26.378	ug/l	98
21) trans-1,2-Dichloroethene	5.310	96	45687	21.106	ug/l	98
22) Diisopropyl ether	6.216	45	98226	25.339	ug/l	92
23) Vinyl Acetate	6.151	43	232702	128.095	ug/l	98
24) 1,1-Dichloroethane	6.116	63	75350	23.379	ug/l	94
25) 2-Butanone	7.087	43	45781	124.689	ug/l	92
26) 2,2-Dichloropropane	7.075	77	65172	22.177	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	50505	20.808	ug/l	99
28) Bromochloromethane	7.428	49	30227	25.674	ug/l	91
29) Tetrahydrofuran	7.445	42	28444	134.298	ug/l	95
30) Chloroform	7.592	83	82066	22.192	ug/l	99
31) Cyclohexane	7.881	56	56503	22.500	ug/l	96
32) 1,1,1-Trichloroethane	7.798	97	68684	21.529	ug/l	97
36) 1,1-Dichloropropene	8.010	75	59110	20.139	ug/l	96
37) Ethyl Acetate	7.169	43	21918	23.772	ug/l	94
38) Carbon Tetrachloride	7.992	117	61415	18.809	ug/l	95
39) Methylcyclohexane	9.275	83	65979	18.500	ug/l	92
40) Benzene	8.251	78	180618	20.277	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	10184	23.145	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	45070	21.482	ug/l	99
43) Isopropyl Acetate	8.363	43	38693	23.312	ug/l	98
44) Trichloroethene	9.028	130	47716	18.323	ug/l	94
45) 1,2-Dichloropropane	9.304	63	43770	21.317	ug/l	95
46) Dibromomethane	9.392	93	27154	21.153	ug/l	92
47) Bromodichloromethane	9.581	83	63461	20.733	ug/l	98
48) Methyl methacrylate	9.381	41	16991	22.628	ug/l	93
49) 1,4-Dioxane	9.381	88	4820	405.024	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	100343	120.599	ug/l	94
52) Toluene	10.333	92	115362	19.836	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	57093	20.780	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	67474	20.072	ug/l #	92
55) 1,1,2-Trichloroethane	10.733	97	37198	20.922	ug/l	94
56) Ethyl methacrylate	10.598	69	35237	20.738	ug/l	98
57) 1,3-Dichloropropane	10.881	76	58432	21.395	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	94817	112.841	ug/l	99
59) 2-Hexanone	10.922	43	73423	122.867	ug/l	92
60) Dibromochloromethane	11.075	129	42243	18.607	ug/l	95
61) 1,2-Dibromoethane	11.181	107	33959	20.270	ug/l	97
64) Tetrachloroethene	10.810	164	38843	17.241	ug/l	98
65) Chlorobenzene	11.604	112	125210	18.951	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.680	131	45411	18.081	ug/l	95
67) Ethyl Benzene	11.686	91	199418	18.208	ug/l	96
68) m/p-Xylenes	11.792	106	165274	36.748	ug/l	93
69) o-Xylene	12.122	106	75361	18.202	ug/l	97
70) Styrene	12.133	104	128768	18.229	ug/l	99
71) Bromoform	12.298	173	25791	18.733	ug/l #	99
73) Isopropylbenzene	12.422	105	189957	18.956	ug/l	98
74) N-amyl acetate	12.233	43	32948	22.855	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	41999	23.064	ug/l	98
76) 1,2,3-Trichloropropane	12.727	75	32349m	17.605	ug/l	
77) Bromobenzene	12.704	156	47504	18.056	ug/l	90
78) n-propylbenzene	12.763	91	243188	20.150	ug/l	96
79) 2-Chlorotoluene	12.851	91	131315	19.976	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	162042	19.595	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	13726	24.276	ug/l	96
82) 4-Chlorotoluene	12.951	91	139253	20.347	ug/l	98
83) tert-Butylbenzene	13.169	119	131541	17.941	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	157925	18.968	ug/l	100
85) sec-Butylbenzene	13.345	105	211289	19.151	ug/l	96
86) p-Isopropyltoluene	13.463	119	173532	18.105	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	101181	18.275	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	100615	18.338	ug/l	95
89) n-Butylbenzene	13.786	91	163420	19.581	ug/l	96
90) Hexachloroethane	14.057	117	37768	19.494	ug/l	92
91) 1,2-Dichlorobenzene	13.833	146	86732	18.544	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6027	27.041	ug/l	88
93) 1,2,4-Trichlorobenzene	15.104	180	58093	19.935	ug/l	100
94) Hexachlorobutadiene	15.204	225	33729	20.380	ug/l	96
95) Naphthalene	15.333	128	110178	22.393	ug/l	100
96) 1,2,3-Trichlorobenzene	15.527	180	62192	24.588	ug/l	99

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QLast Update : Wed Oct 18 03:02:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

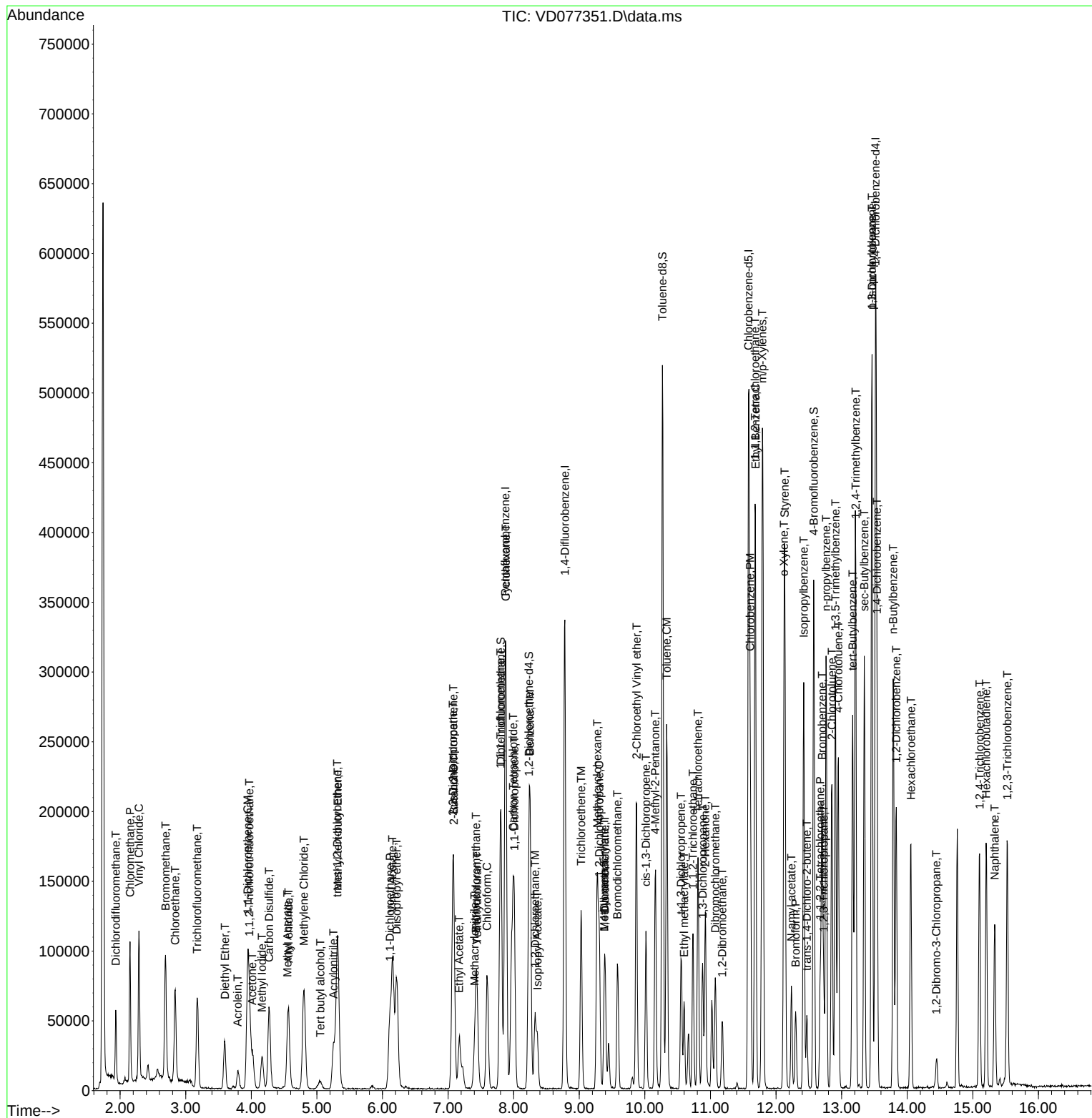
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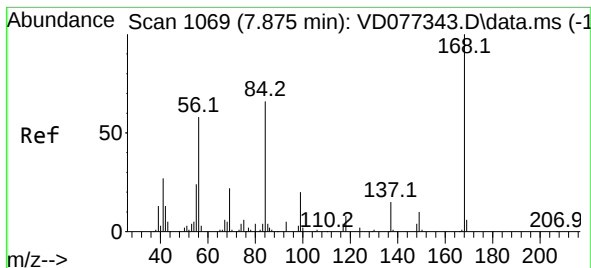
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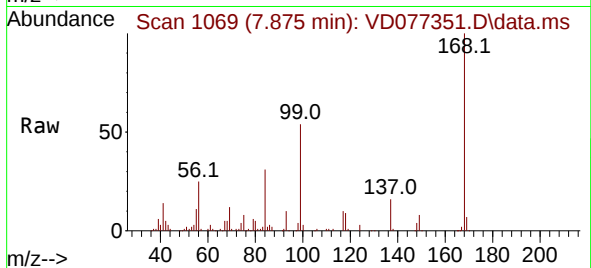
Reviewed By : John Carlone 10/20/2023
Supervised By : Semsettin Yesilyurt 10/20/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

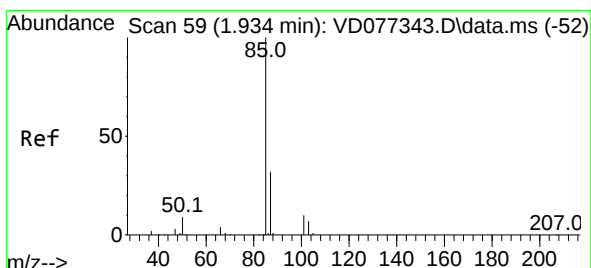
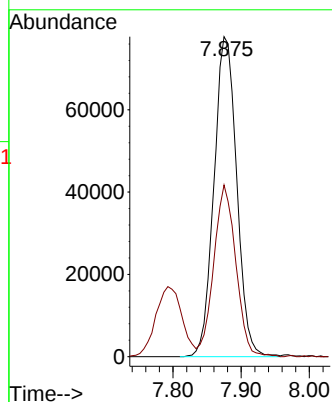
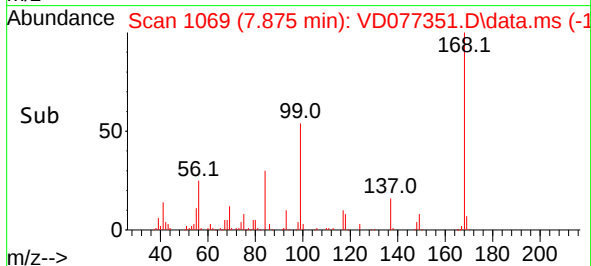
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01



Tgt Ion:168 Resp: 180760
Ion Ratio Lower Upper
168 100
99 53.7 36.7 55.1

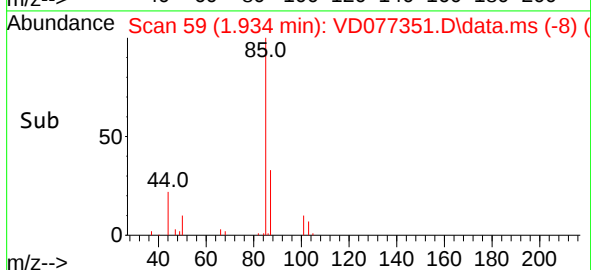
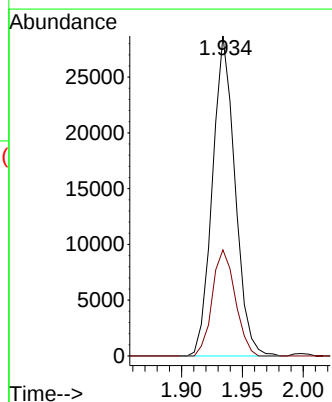
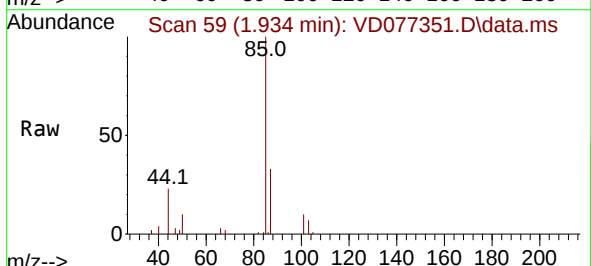
Manual Integrations
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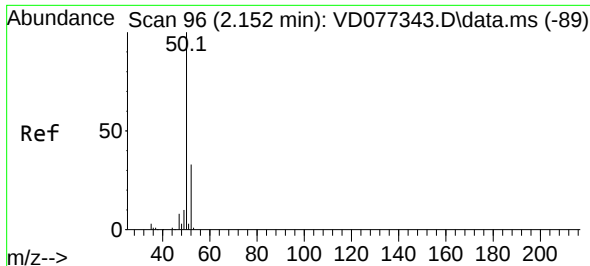
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#2
Dichlorodifluoromethane
Concen: 22.060 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

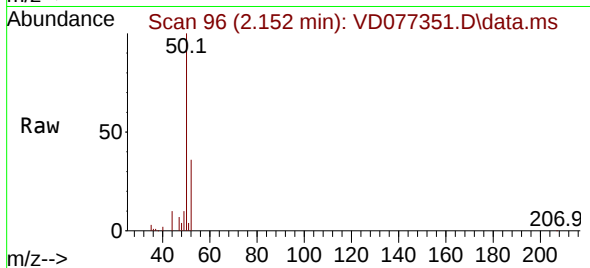
Tgt Ion: 85 Resp: 37071
Ion Ratio Lower Upper
85 100
87 33.2 15.7 47.0





#3
Chloromethane
Concen: 23.597 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

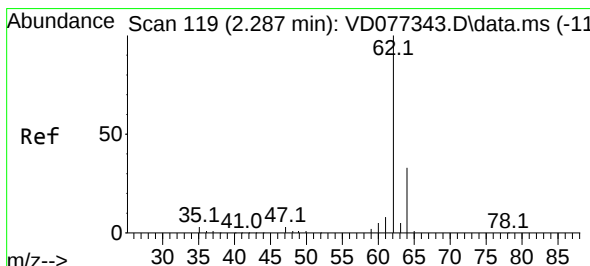
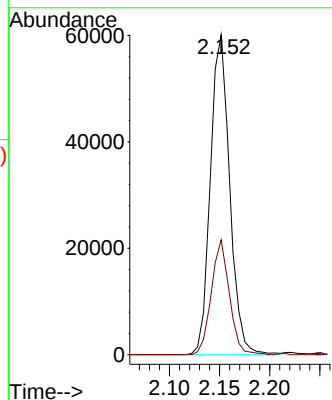
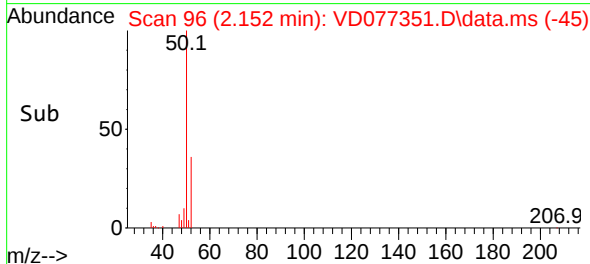
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 80752
Ion Ratio Lower Upper
50 100
52 35.9 26.6 40.0

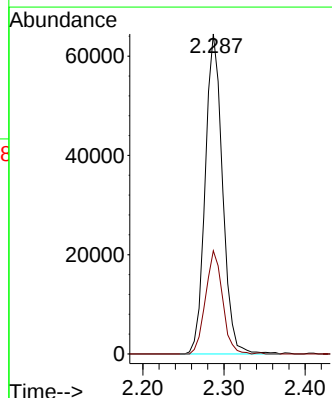
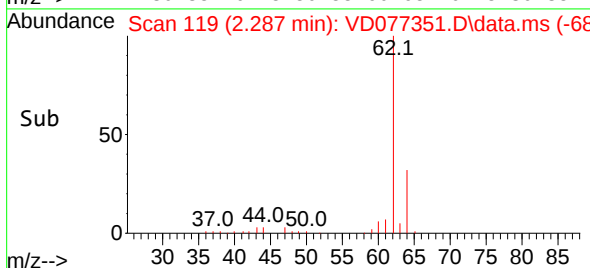
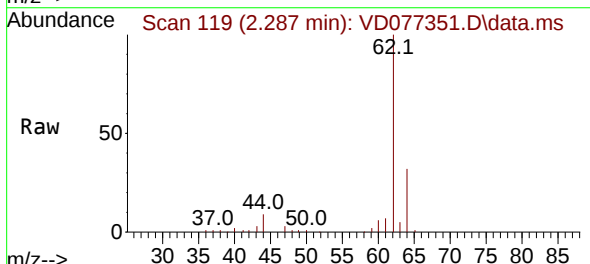
Manual Integrations
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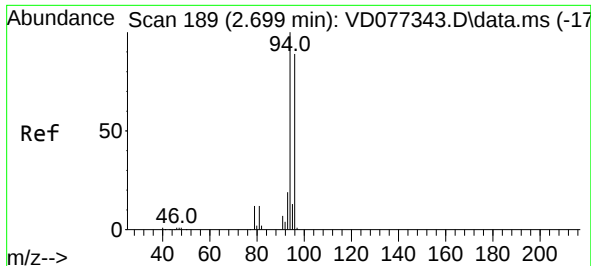
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#4
Vinyl Chloride
Concen: 23.611 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

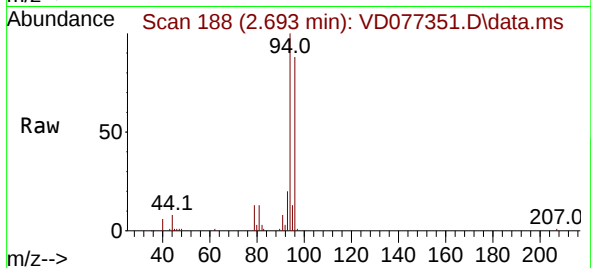
Tgt Ion: 62 Resp: 95445
Ion Ratio Lower Upper
62 100
64 32.3 26.0 39.0





#5
Bromomethane
Concen: 26.150 ug/l
RT: 2.693 min Scan# 189
Delta R.T. -0.006 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

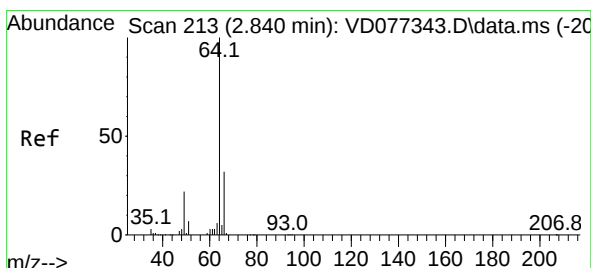
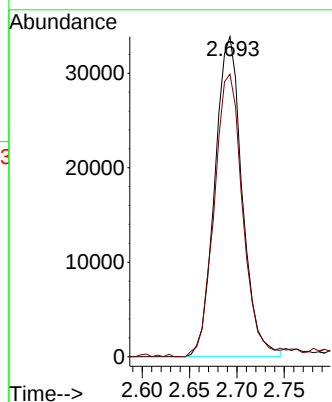
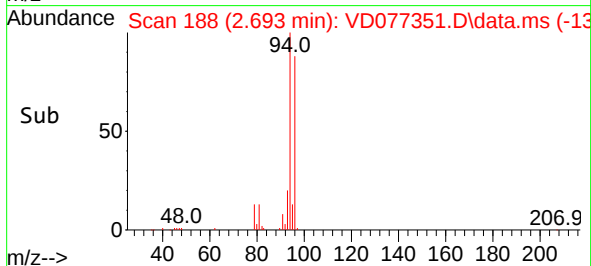
Instrument :
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Tgt Ion: 94 Resp: 67929
Ion Ratio Lower Upper
94 100
96 93.3 75.8 113.8

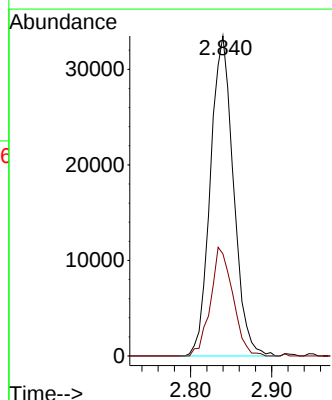
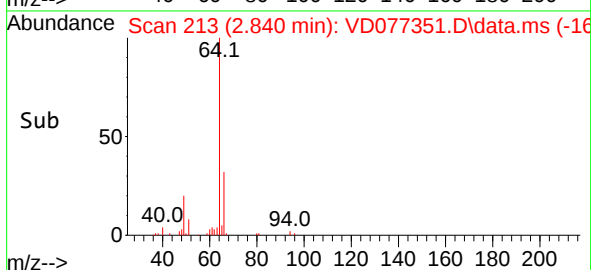
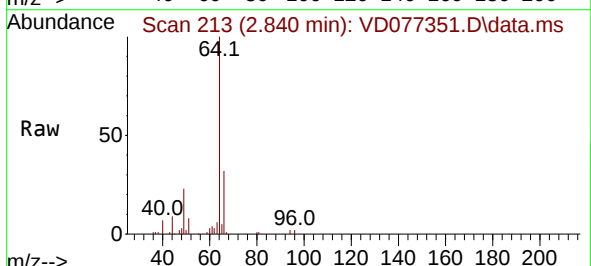
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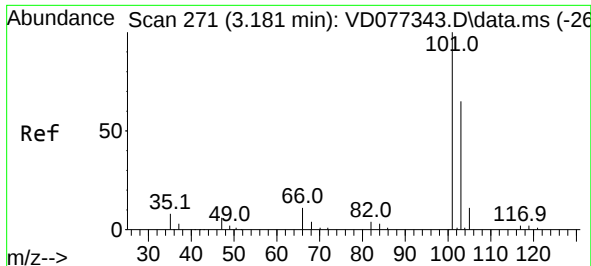
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#6
Chloroethane
Concen: 23.279 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

Tgt Ion: 64 Resp: 66154
Ion Ratio Lower Upper
64 100
66 31.9 25.5 38.3





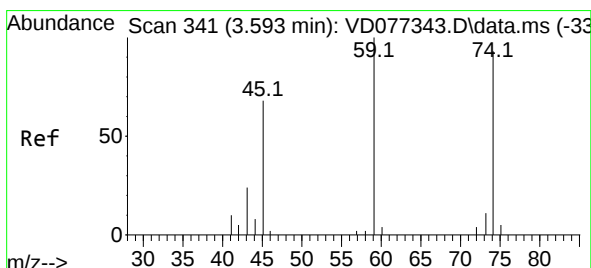
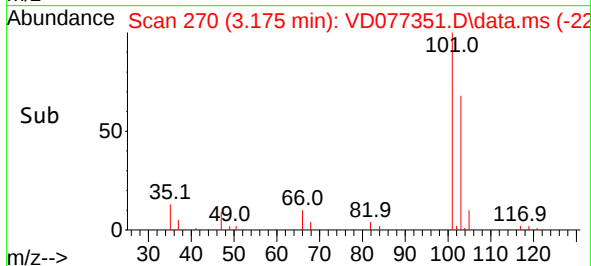
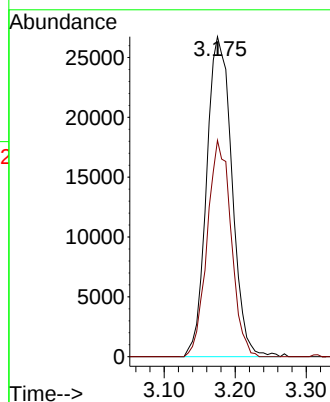
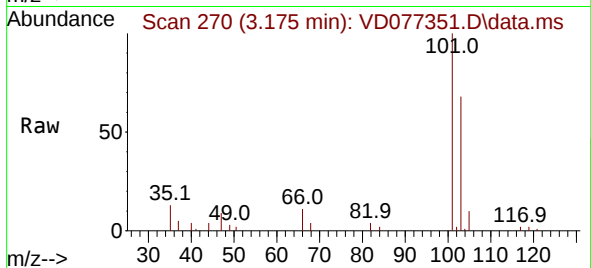
#7
Trichlorofluoromethane
Concen: 16.164 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

Instrument :
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Tgt Ion:101 Resp: 66284
Ion Ratio Lower Upper
101 100
103 67.6 52.3 78.5

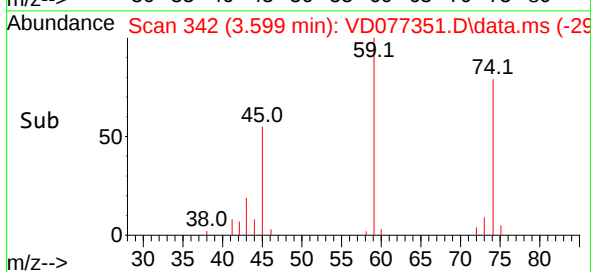
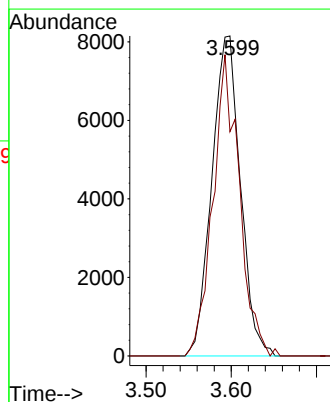
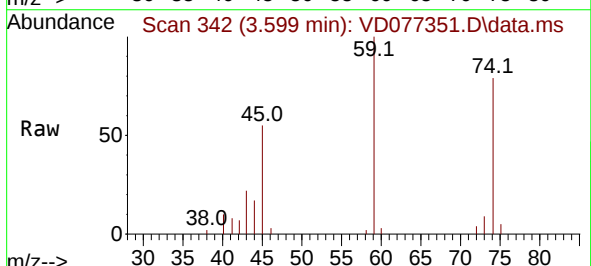
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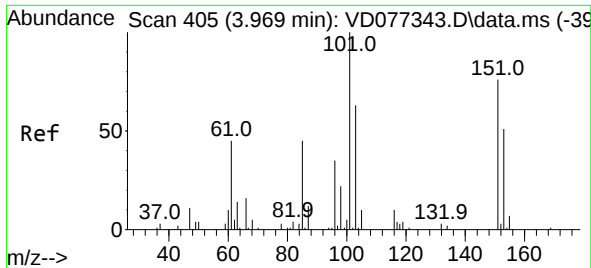
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#8
Diethyl Ether
Concen: 17.332 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

Tgt Ion: 74 Resp: 19049
Ion Ratio Lower Upper
74 100
45 86.7 37.5 112.7





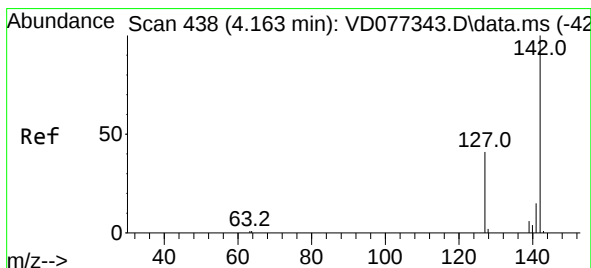
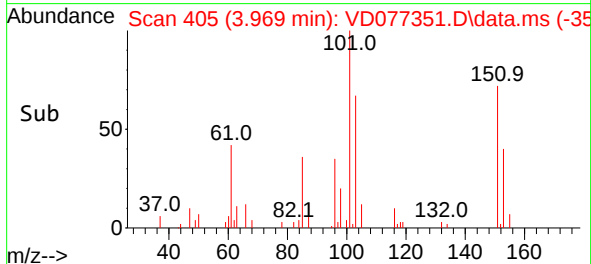
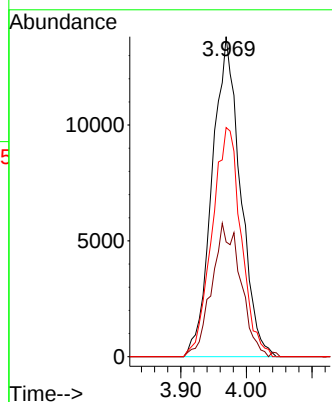
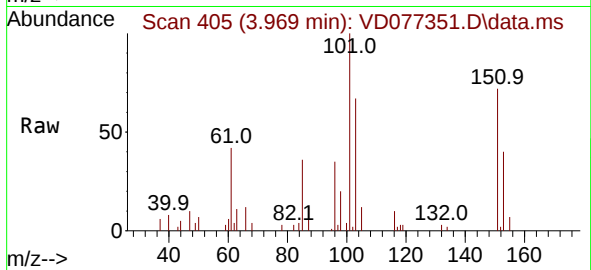
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.466 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

Tgt Ion:101 Resp: 41295
Ion Ratio Lower Upper
101 100
85 42.6 33.8 50.6
151 73.7 59.8 89.6

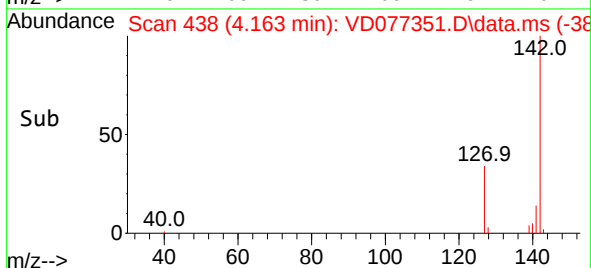
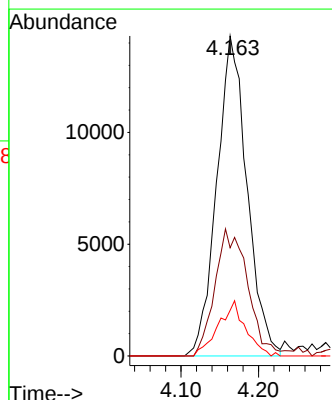
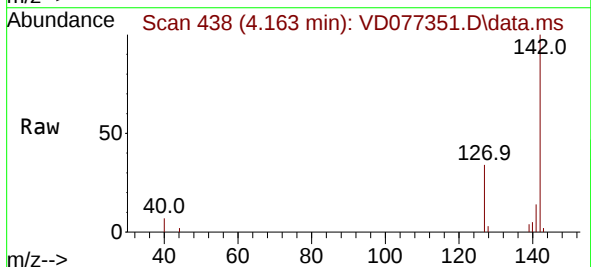
Manual Integrations
APPROVED

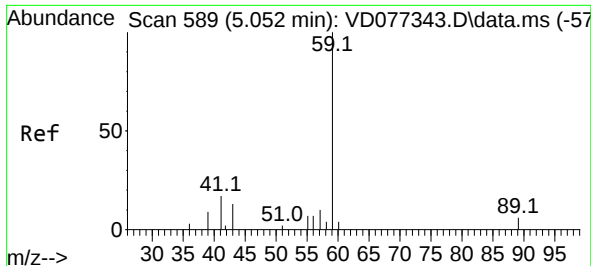
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#10
Methyl Iodide
Concen: 14.953 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

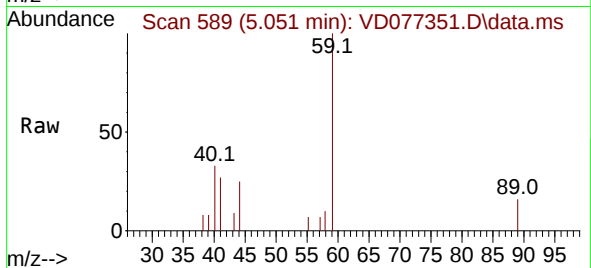
Tgt Ion:142 Resp: 38816
Ion Ratio Lower Upper
142 100
127 43.2 29.4 44.0
141 15.5 11.1 16.7





#11
Tert butyl alcohol
Concen: 119.166 ug/l
RT: 5.051 min Scan# 589
Delta R.T. -0.001 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

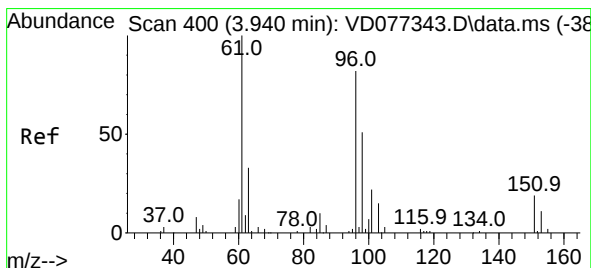
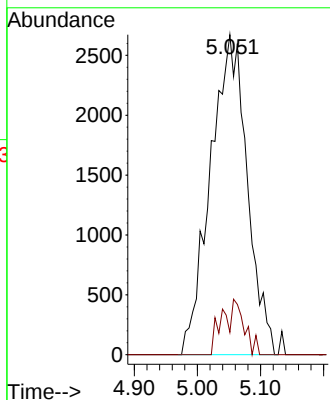
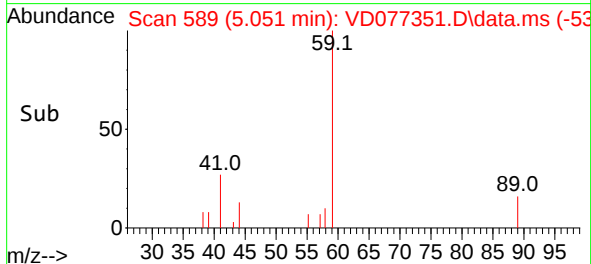
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01



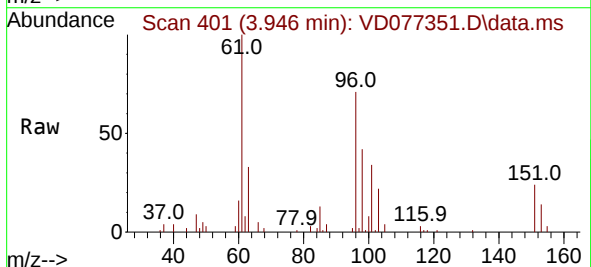
Tgt Ion: 59 Resp: 10820
Ion Ratio Lower Upper
59 100
57 5.8 7.8 11.8

Manual Integrations
APPROVED

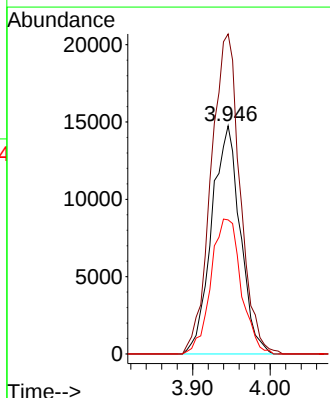
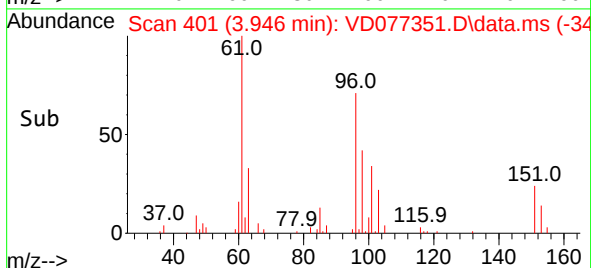
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

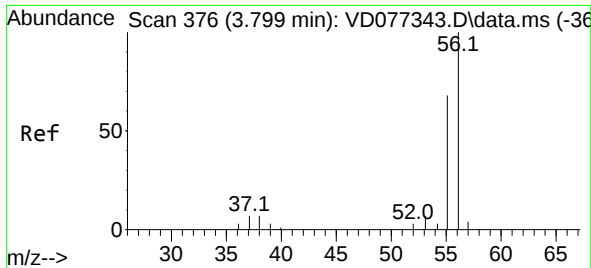


#12
1,1-Dichloroethene
Concen: 18.165 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07



Tgt Ion: 96 Resp: 37806
Ion Ratio Lower Upper
96 100
61 140.2 100.6 150.8
98 58.7 50.2 75.2





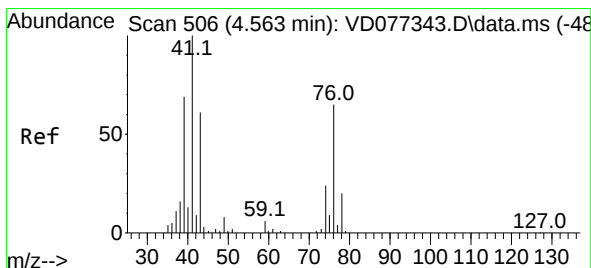
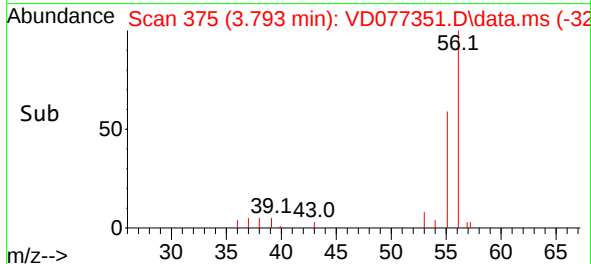
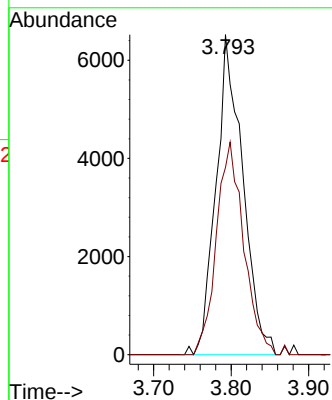
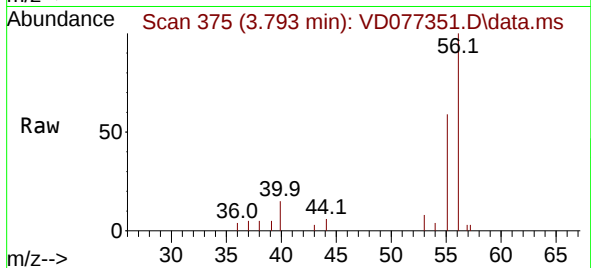
#13
Acrolein
Concen: 98.994 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

Tgt Ion: 56 Resp: 1560
Ion Ratio Lower Upper
56 100
55 68.0 55.1 82.7

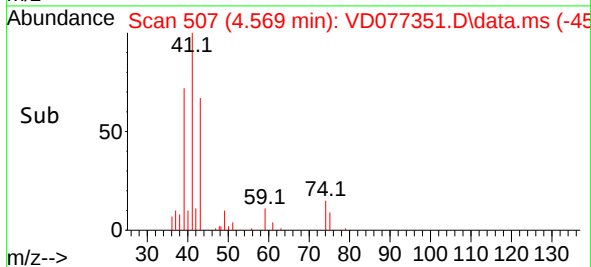
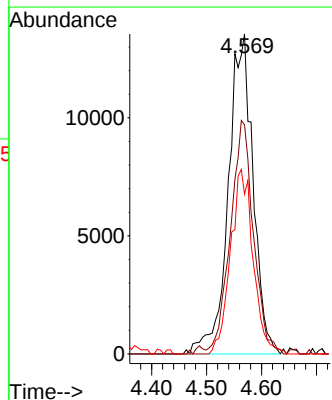
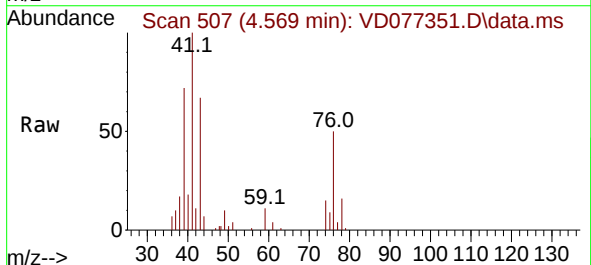
Manual Integrations
APPROVED

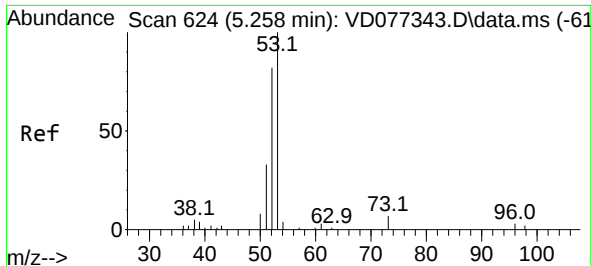
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#14
Allyl chloride
Concen: 21.432 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

Tgt Ion: 41 Resp: 42323
Ion Ratio Lower Upper
41 100
39 68.2 53.8 80.6
76 52.8 45.8 68.8





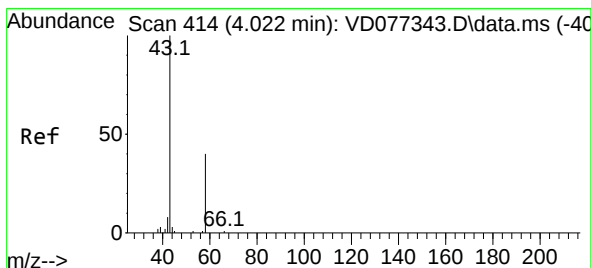
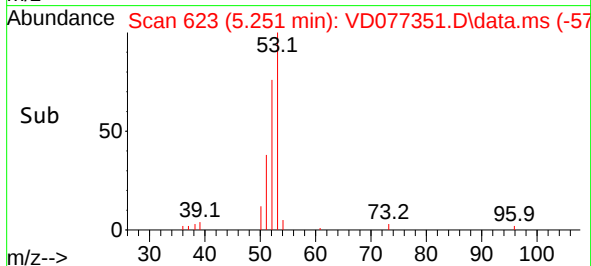
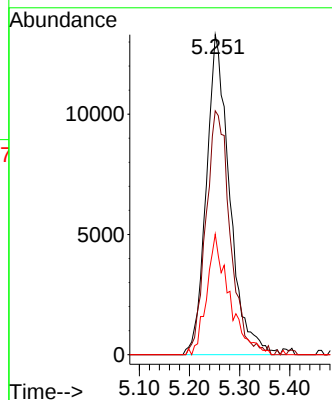
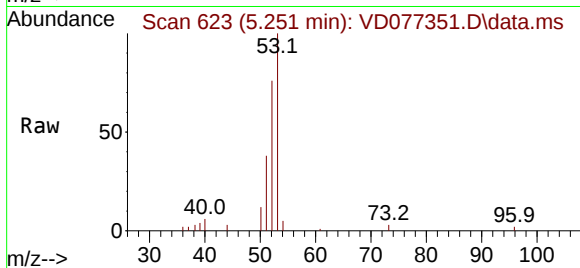
#15
Acrylonitrile
Concen: 129.418 ug/l
RT: 5.251 min Scan# 61
Delta R.T. -0.007 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

Tgt Ion: 53 Resp: 4310
Ion Ratio Lower Upper
53 100
52 79.0 65.0 97.4
51 36.8 28.3 42.5

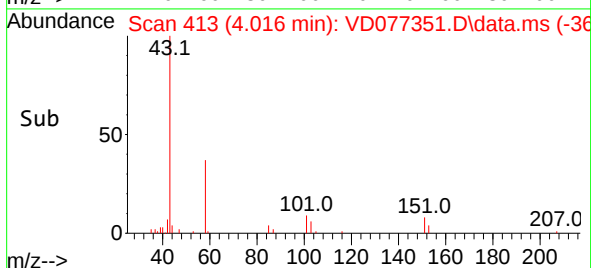
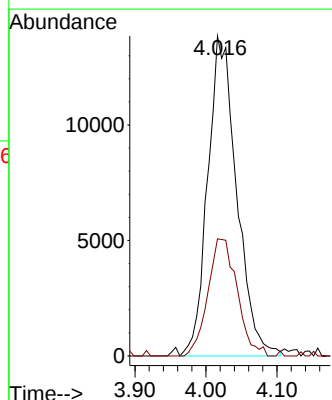
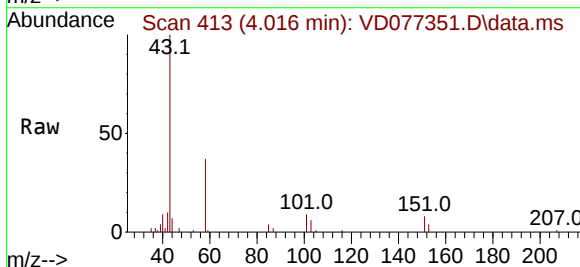
Manual Integrations
APPROVED

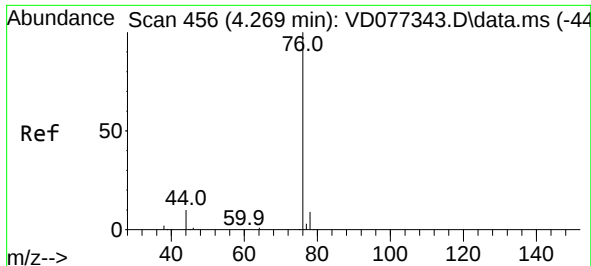
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#16
Acetone
Concen: 111.011 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

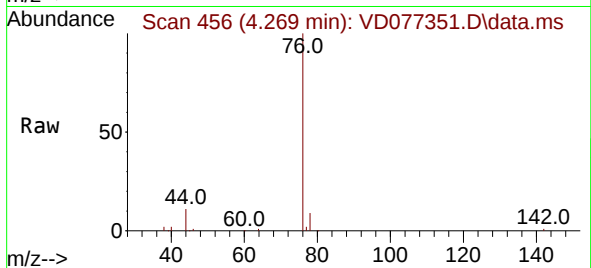
Tgt Ion: 43 Resp: 39292
Ion Ratio Lower Upper
43 100
58 36.6 34.7 52.1





#17
Carbon Disulfide
Concen: 20.176 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

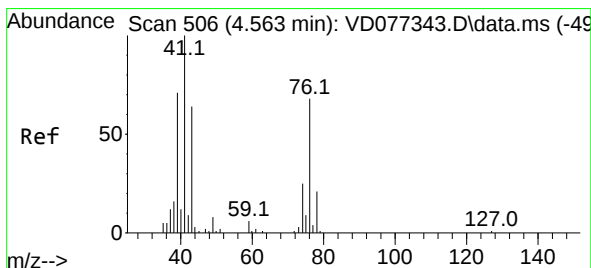
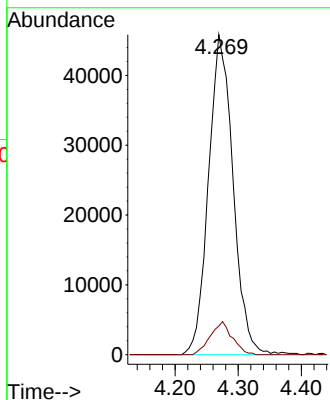
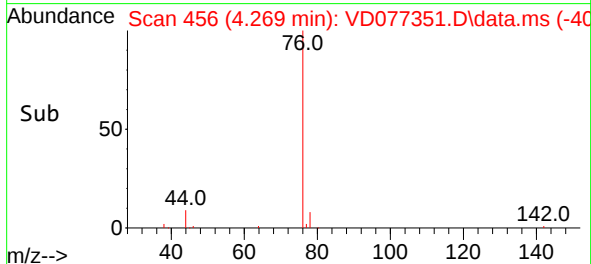
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01



Tgt Ion: 76 Resp: 123440
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2

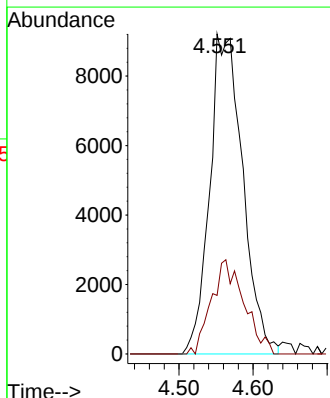
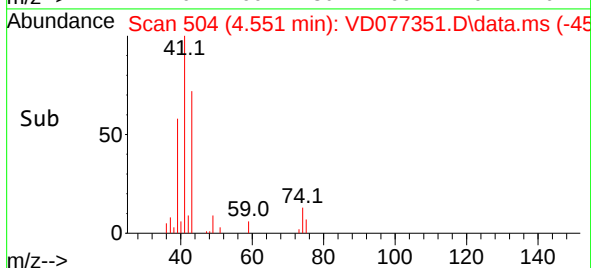
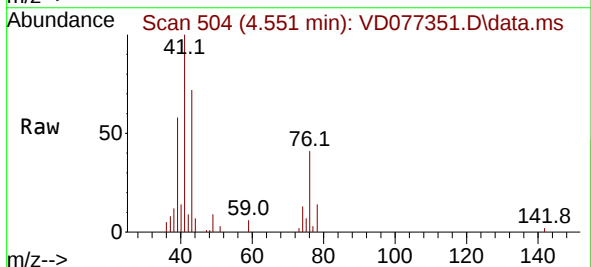
Manual Integrations
APPROVED

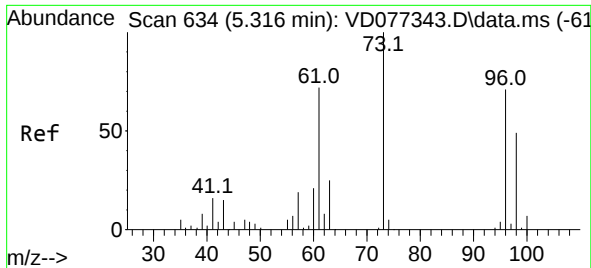
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#18
Methyl Acetate
Concen: 23.107 ug/l
RT: 4.551 min Scan# 504
Delta R.T. -0.012 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

Tgt Ion: 43 Resp: 28464
Ion Ratio Lower Upper
43 100
74 29.2 26.4 39.6





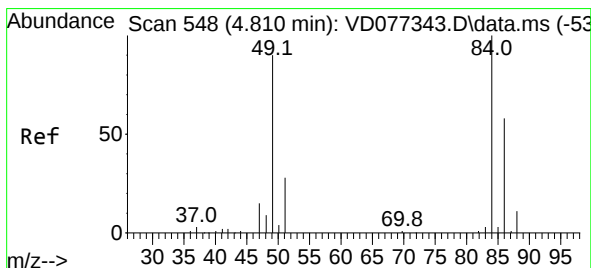
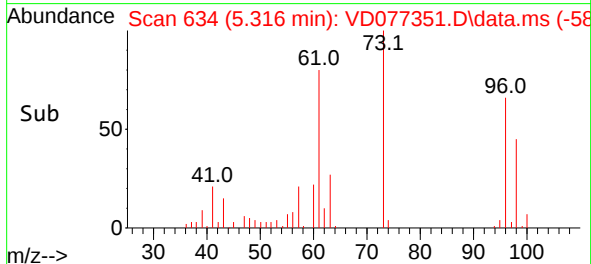
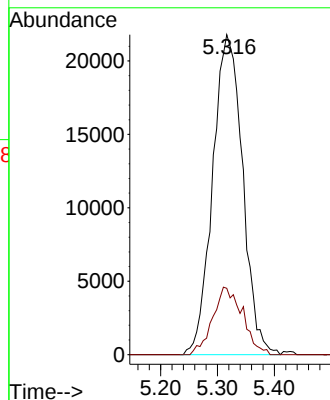
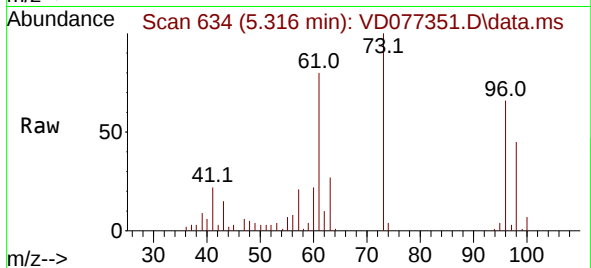
#19
Methyl tert-butyl Ether
Concen: 22.512 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

Tgt Ion: 73 Resp: 7980
Ion Ratio Lower Upper
73 100
57 20.7 16.6 25.0

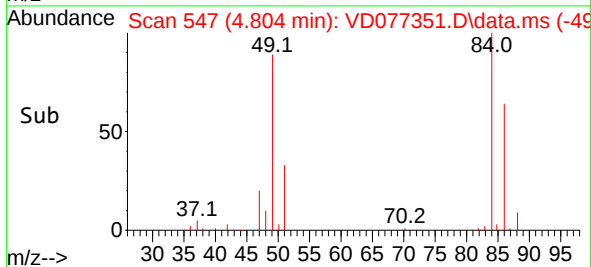
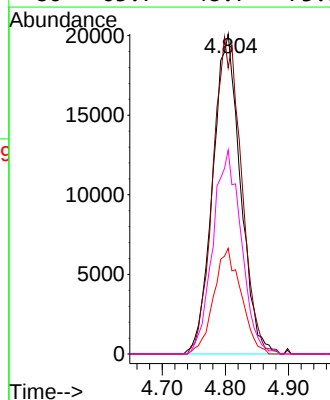
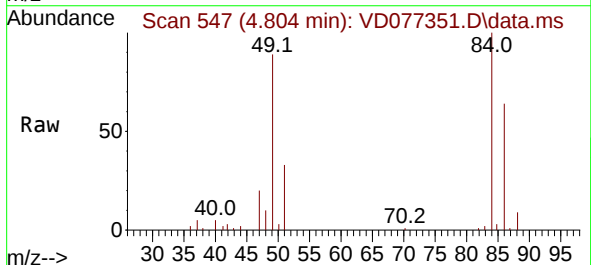
Manual Integrations
APPROVED

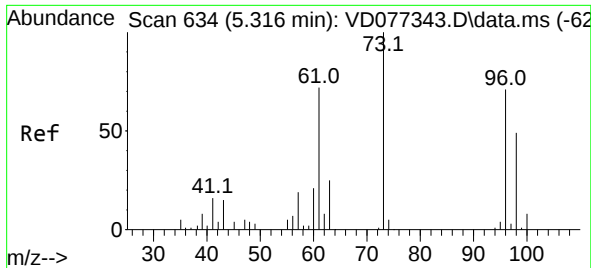
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#20
Methylene Chloride
Concen: 26.378 ug/l
RT: 4.804 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

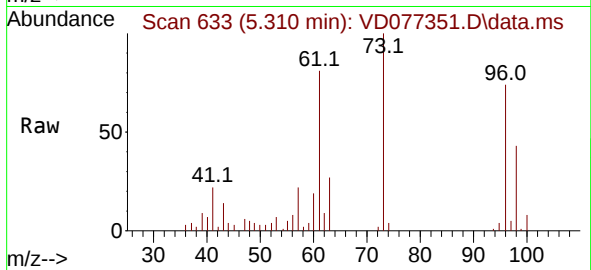
Tgt Ion: 84 Resp: 61336
Ion Ratio Lower Upper
84 100
49 89.4 71.4 107.2
51 33.0 24.5 36.7
86 63.7 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 21.106 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

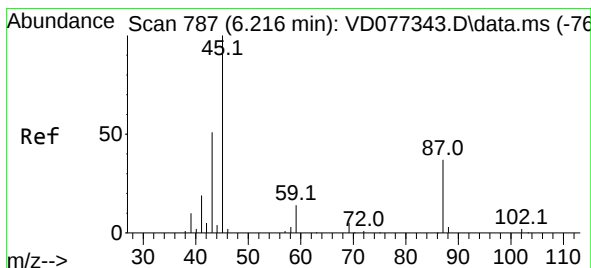
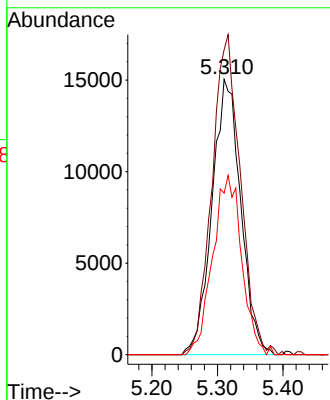
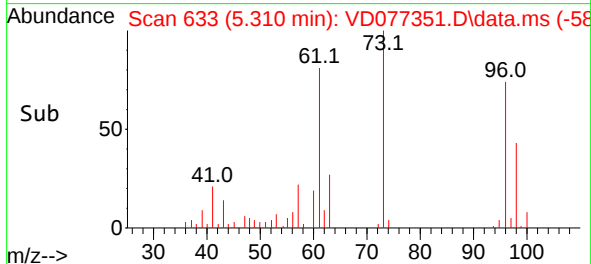
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01



Tgt Ion: 96 Resp: 4568
Ion Ratio Lower Upper
96 100
61 110.7 89.3 133.9
98 58.7 48.6 73.0

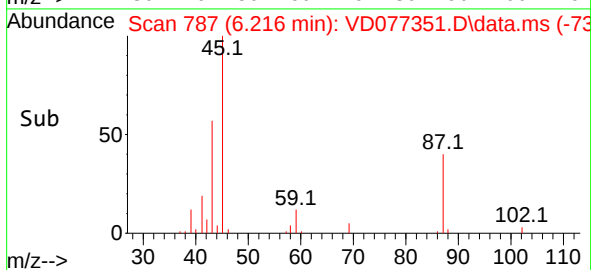
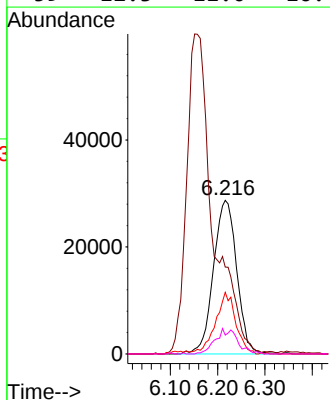
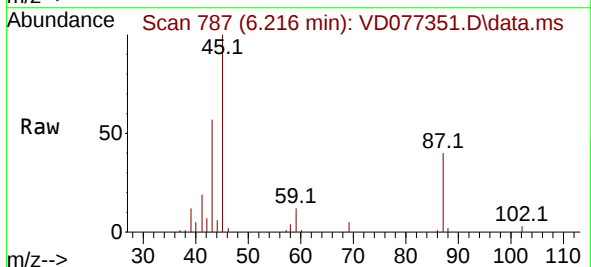
Manual Integrations
APPROVED

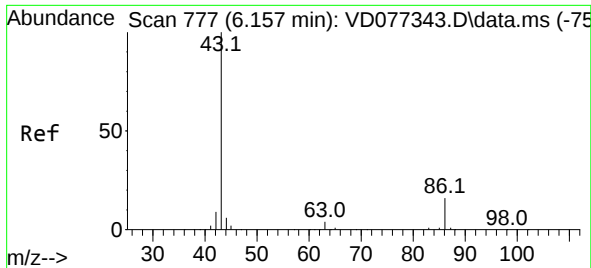
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#22
Diisopropyl ether
Concen: 25.339 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

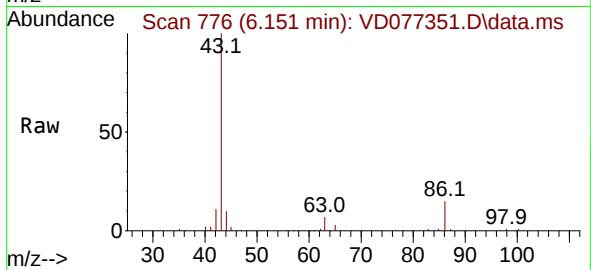
Tgt Ion: 45 Resp: 98226
Ion Ratio Lower Upper
45 100
43 55.6 40.0 60.0
87 40.1 28.2 42.4
59 12.3 11.0 16.4





#23
 Vinyl Acetate
 Concen: 128.095 ug/l
 RT: 6.151 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD077351.D
 Acq: 19 Oct 2023 13:07

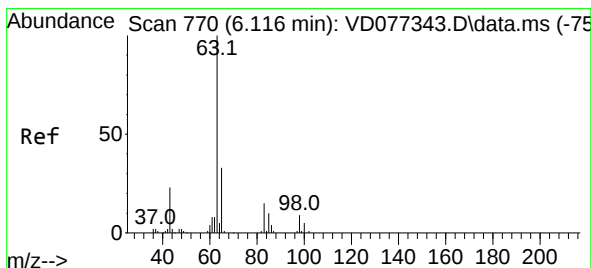
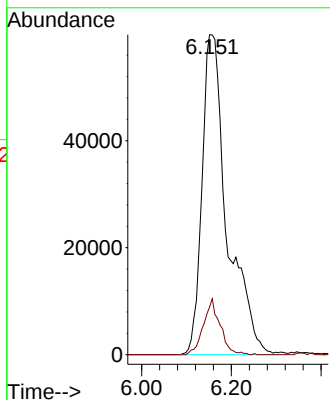
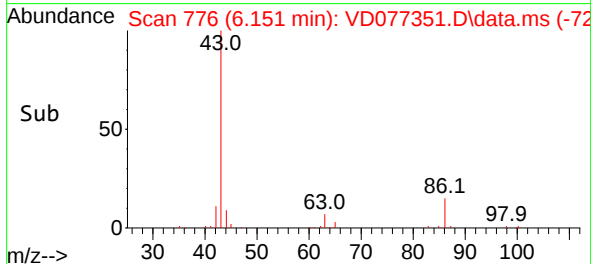
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBS01



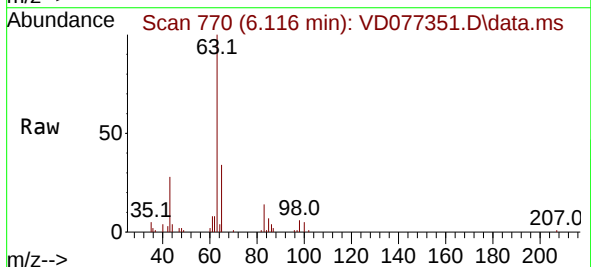
Tgt Ion: 43 Resp: 23270
 Ion Ratio Lower Upper
 43 100
 86 14.9 12.5 18.7

Manual Integrations
 APPROVED

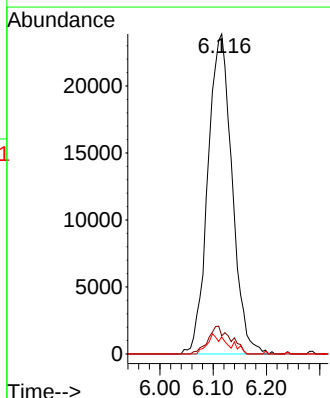
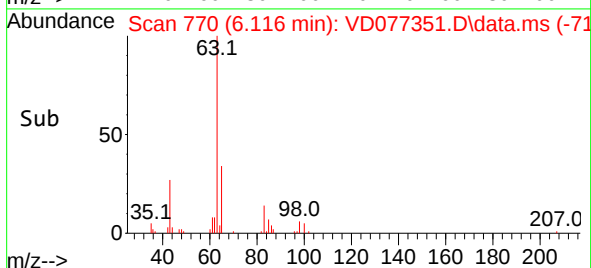
Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023

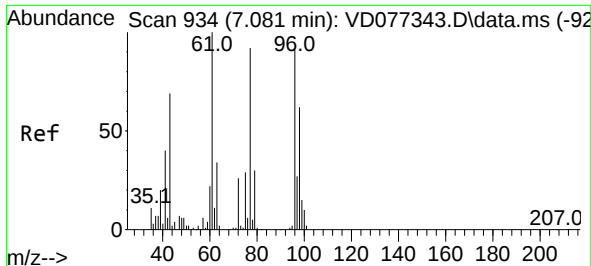


#24
 1,1-Dichloroethane
 Concen: 23.379 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD077351.D
 Acq: 19 Oct 2023 13:07



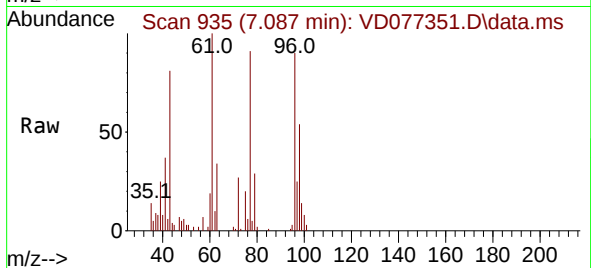
Tgt Ion: 63 Resp: 75350
 Ion Ratio Lower Upper
 63 100
 98 5.7 4.5 13.7
 100 5.4 2.5 7.5





#25
2-Butanone
Concen: 124.689 ug/l
RT: 7.087 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

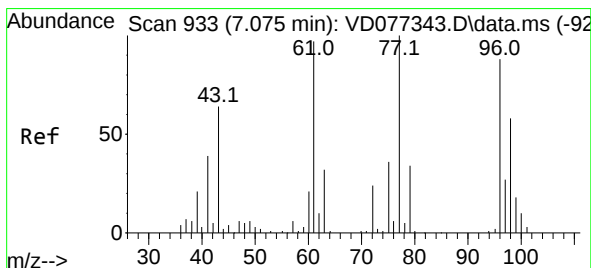
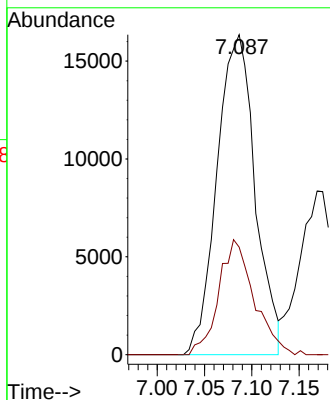
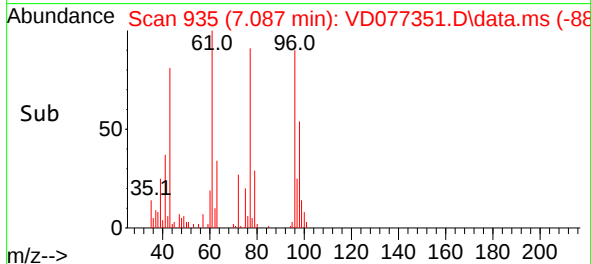
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01



Tgt Ion: 43 Resp: 4578
Ion Ratio Lower Upper
43 100
72 33.6 30.7 46.1

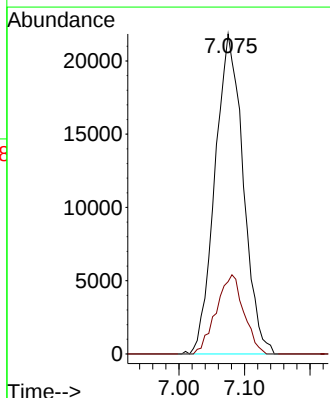
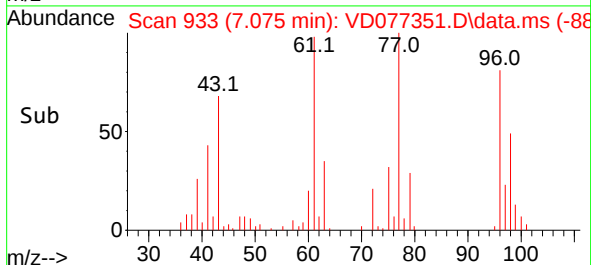
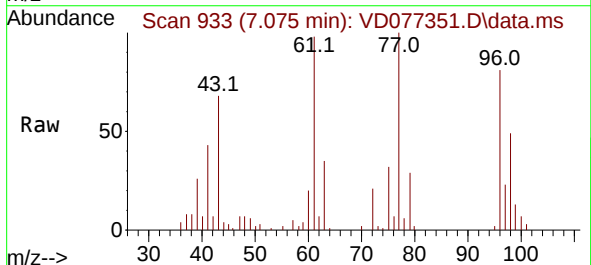
Manual Integrations
APPROVED

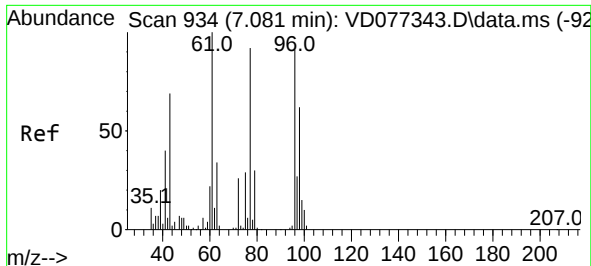
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#26
2,2-Dichloropropane
Concen: 22.177 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

Tgt Ion: 77 Resp: 65172
Ion Ratio Lower Upper
77 100
97 24.2 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 20.808 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD077351.D

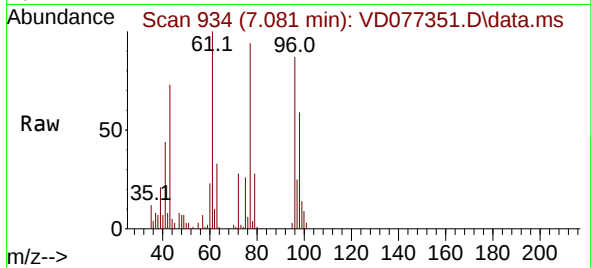
Acq: 19 Oct 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01



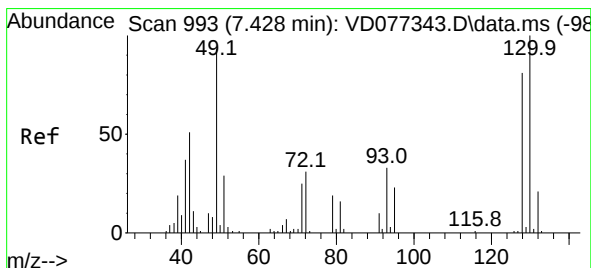
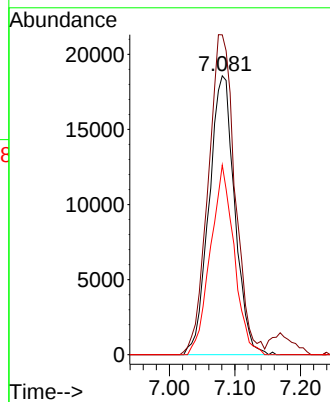
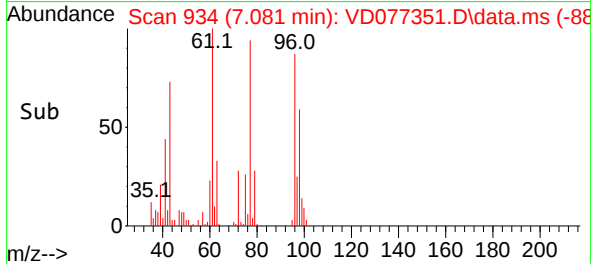
Tgt Ion: 96	Resp: 5050
Ion Ratio	Lower Upper
96 100	
61 120.3	0.0 239.2
98 62.8	0.0 128.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#28

Bromochloromethane

Concen: 25.674 ug/l

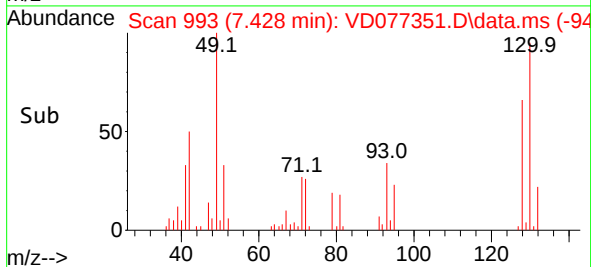
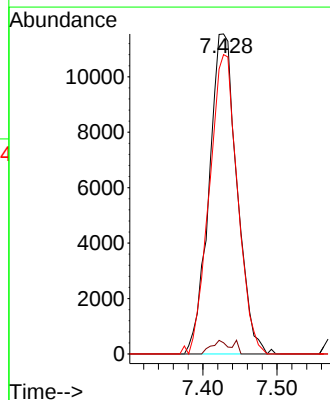
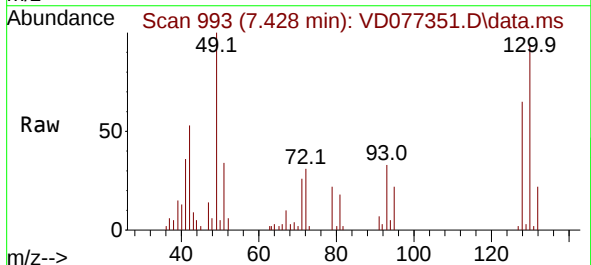
RT: 7.428 min Scan# 993

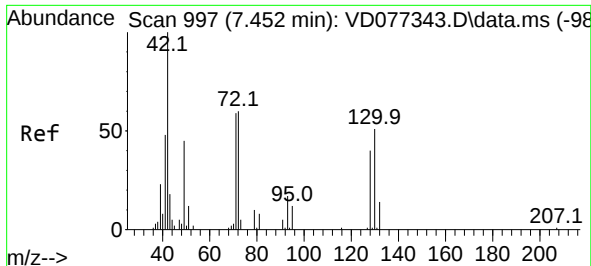
Delta R.T. -0.000 min

Lab File: VD077351.D

Acq: 19 Oct 2023 13:07

Tgt Ion: 49	Resp: 30227
Ion Ratio	Lower Upper
49 100	
129 3.1	0.0 6.0
130 94.3	83.2 124.8





#29

Tetrahydrofuran

Concen: 134.298 ug/l

RT: 7.445 min Scan# 997

Delta R.T. -0.007 min

Lab File: VD077351.D

Acq: 19 Oct 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

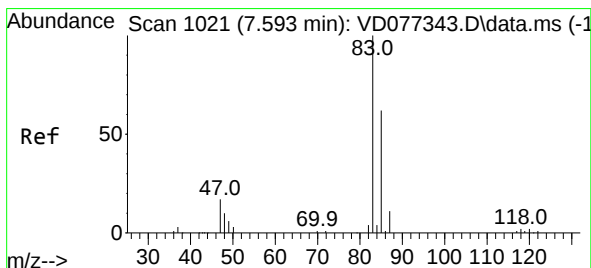
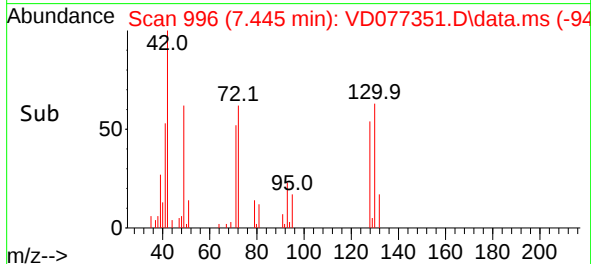
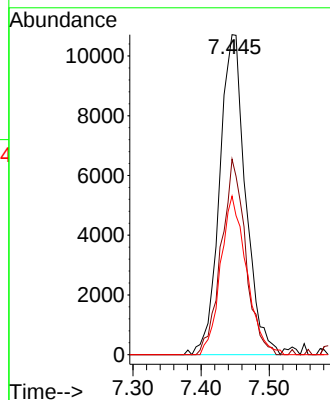
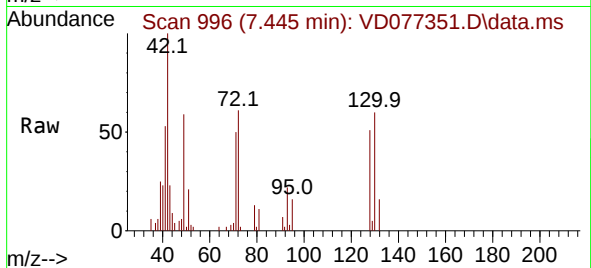
Tgt Ion:	42	Resp:	2844
Ion Ratio	Lower	Upper	
42	100		
72	57.3	46.5	69.7
71	49.6	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#30

Chloroform

Concen: 22.192 ug/l

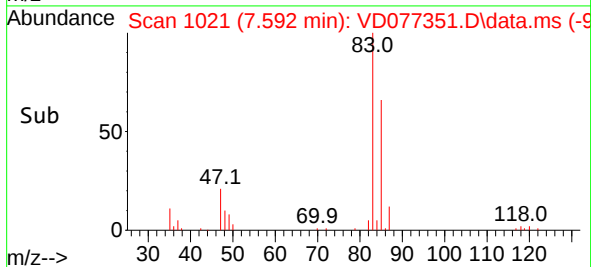
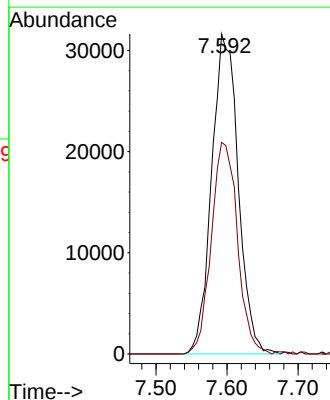
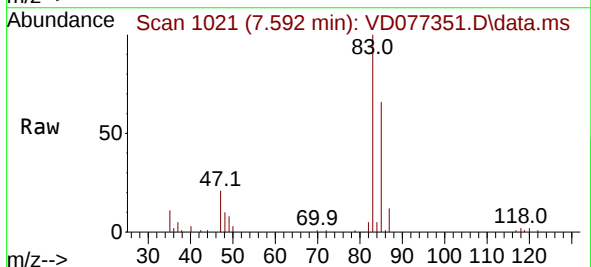
RT: 7.592 min Scan# 1021

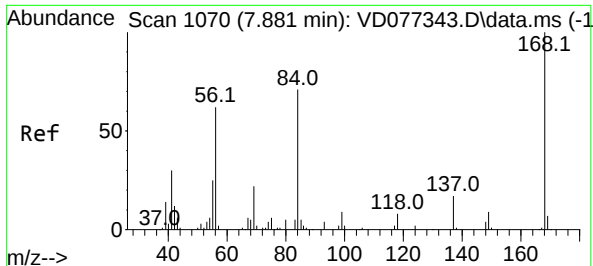
Delta R.T. -0.001 min

Lab File: VD077351.D

Acq: 19 Oct 2023 13:07

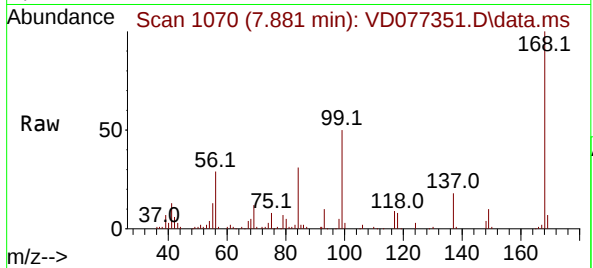
Tgt Ion:	83	Resp:	82066
Ion Ratio	Lower	Upper	
83	100		
85	66.1	53.4	80.2





#31
Cyclohexane
Concen: 22.500 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

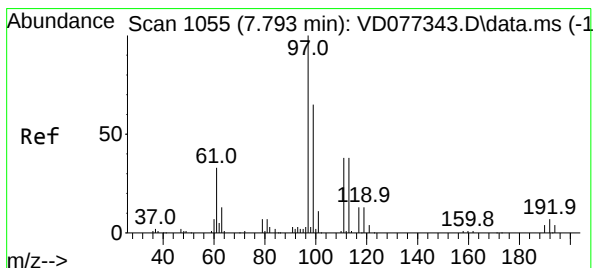
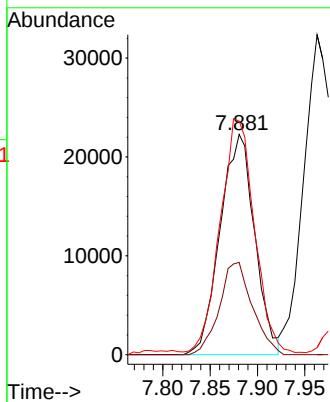
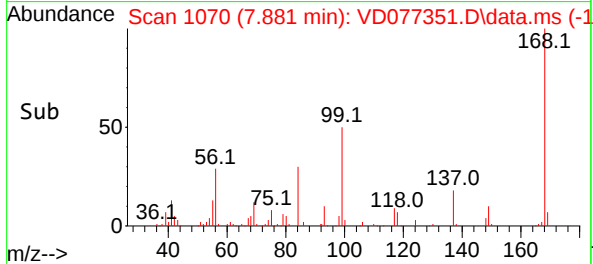
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01



Tgt Ion: 56 Resp: 5650
Ion Ratio Lower Upper
56 100
69 41.9 28.6 43.0
84 104.7 84.8 127.2

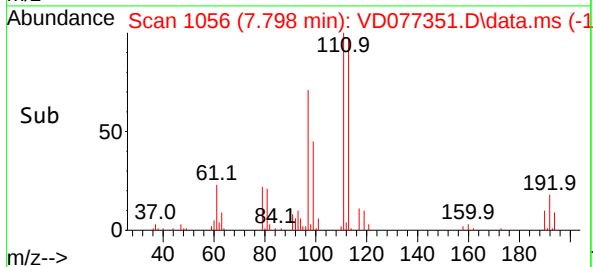
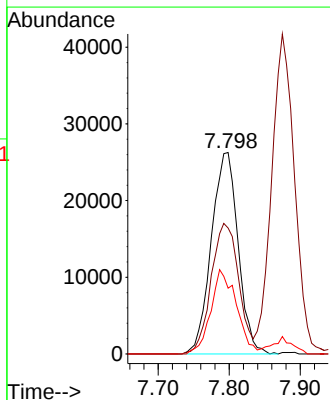
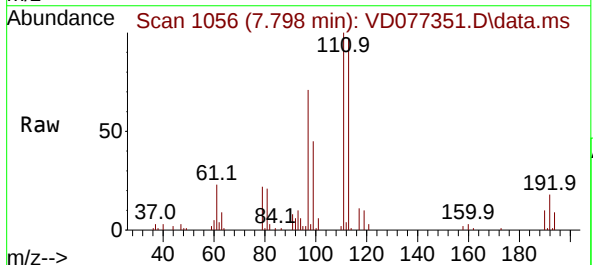
Manual Integrations
APPROVED

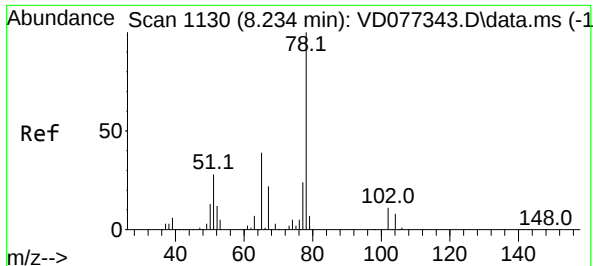
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#32
1,1,1-Trichloroethane
Concen: 21.529 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. 0.005 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

Tgt Ion: 97 Resp: 68684
Ion Ratio Lower Upper
97 100
99 66.7 52.0 78.0
61 40.1 33.8 50.8





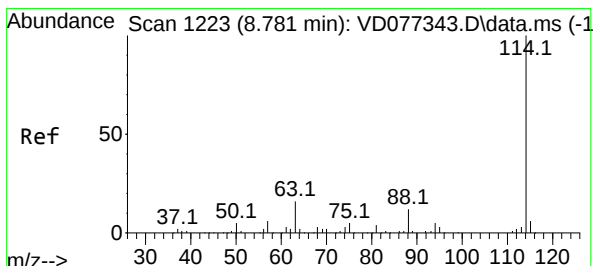
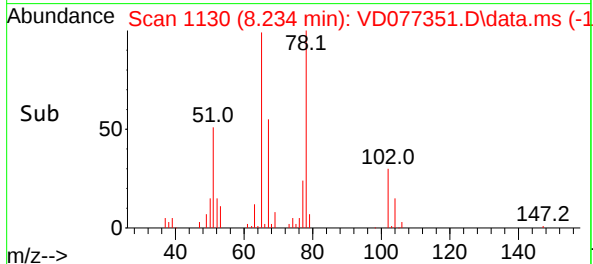
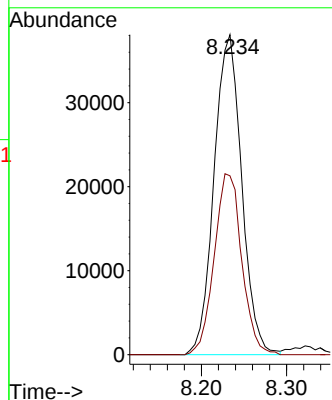
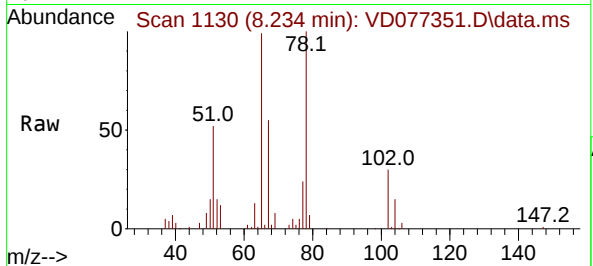
#33
1,2-Dichloroethane-d4
Concen: 53.283 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

Tgt Ion: 65 Resp: 8600
Ion Ratio Lower Upper
65 100
67 56.3 0.0 115.0

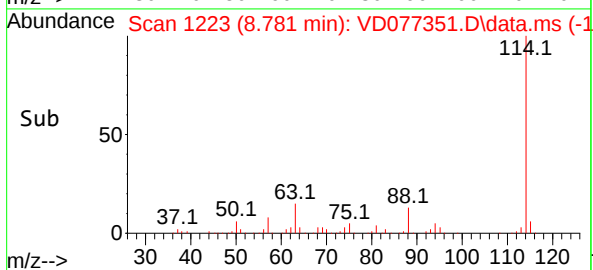
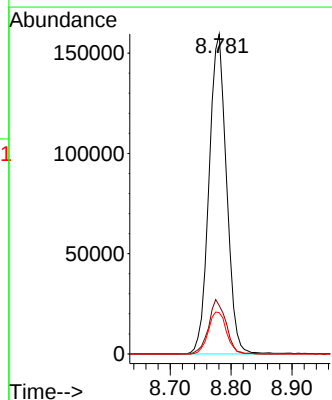
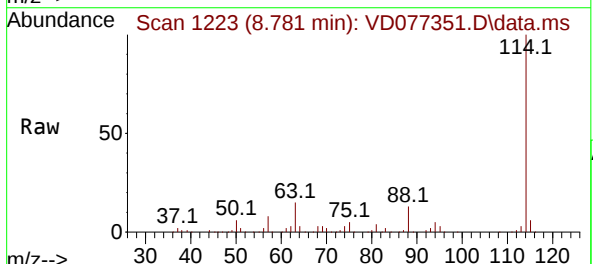
Manual Integrations
APPROVED

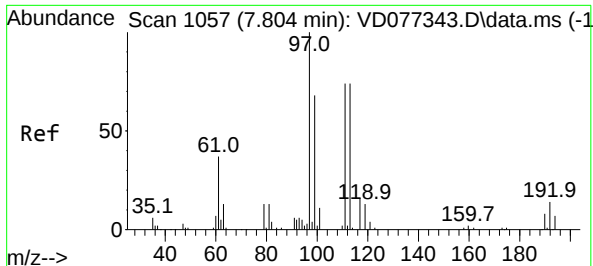
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

Tgt Ion:114 Resp: 317959
Ion Ratio Lower Upper
114 100
63 15.1 0.0 33.4
88 12.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 44.217 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077351.D

Acq: 19 Oct 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

Tgt Ion: 113 Resp: 9877

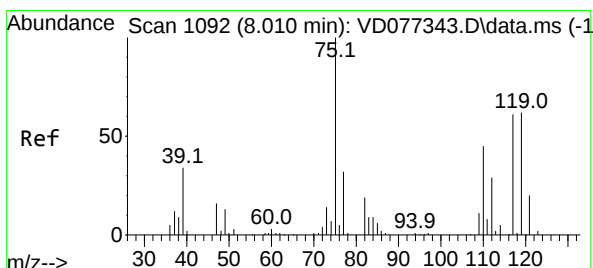
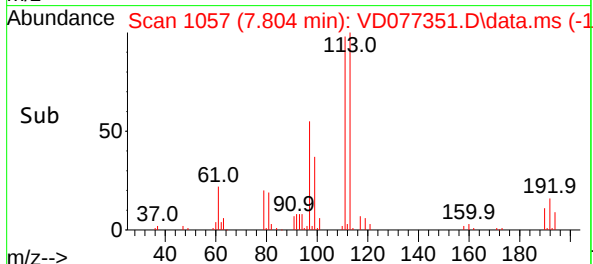
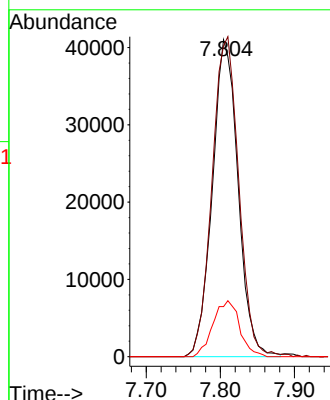
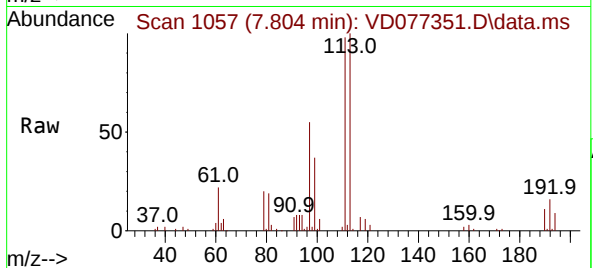
Ion	Ratio	Lower	Upper
113	100		
111	104.7	84.7	127.1
192	18.3	16.8	25.2

Manual Integrations

APPROVED

Reviewed By : John Carlone 10/20/2023

Supervised By : Semsettin Yesilyurt 10/20/2023



#36

1,1-Dichloropropene

Concen: 20.139 ug/l

RT: 8.010 min Scan# 1092

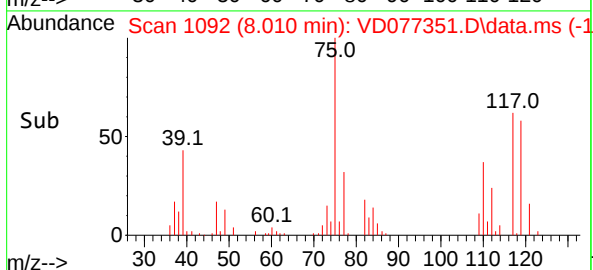
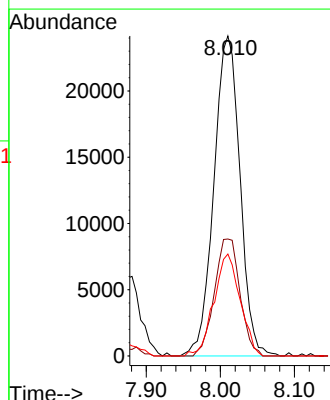
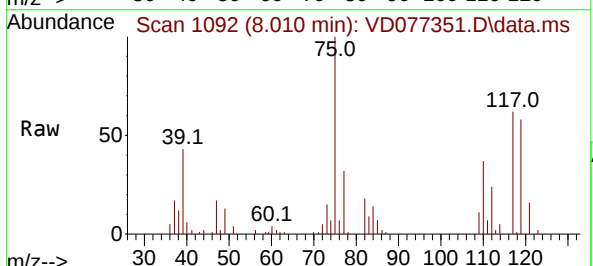
Delta R.T. 0.000 min

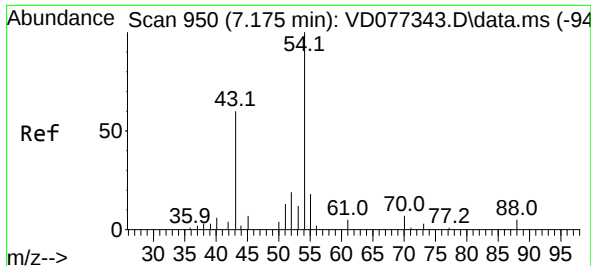
Lab File: VD077351.D

Acq: 19 Oct 2023 13:07

Tgt Ion: 75 Resp: 59110

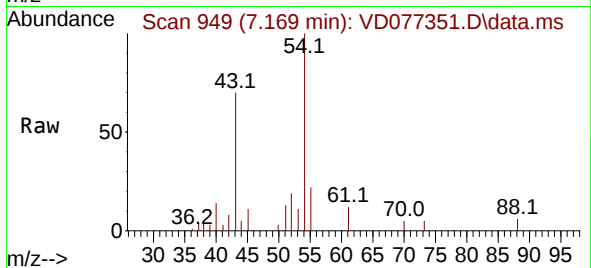
Ion	Ratio	Lower	Upper
75	100		
110	35.9	19.9	59.6
77	32.1	24.7	37.1





#37
Ethyl Acetate
Concen: 23.772 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

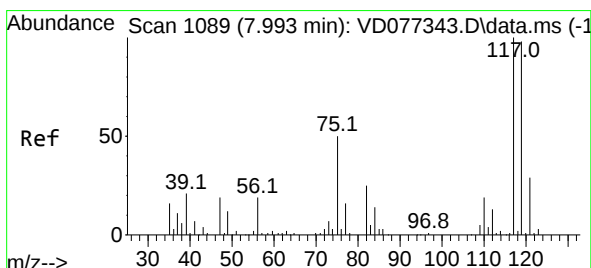
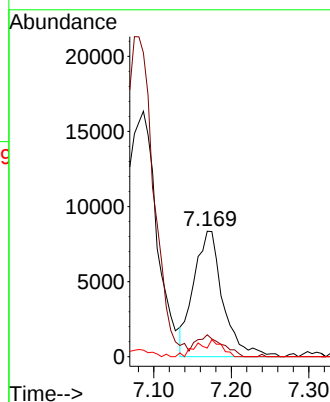
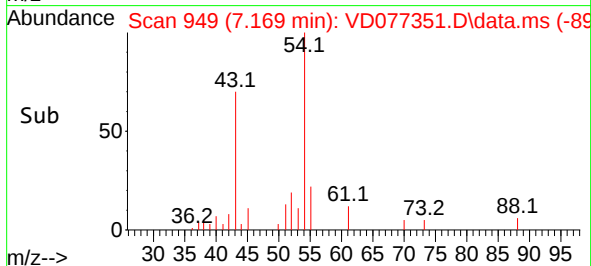
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01



Tgt Ion: 43 Resp: 21918
Ion Ratio Lower Upper
43 100
61 15.5 14.9 22.3
70 11.1 10.0 15.0

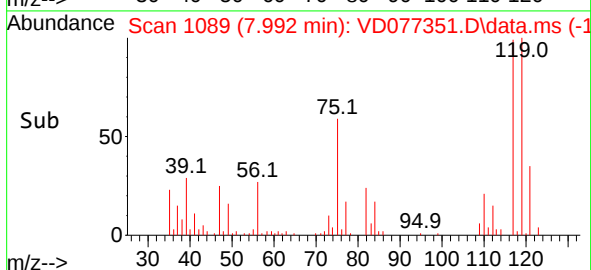
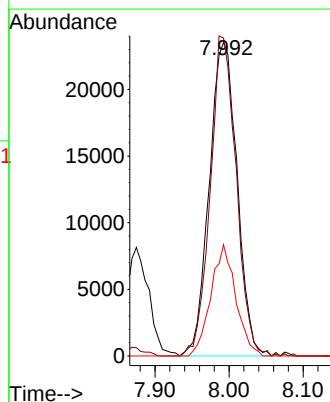
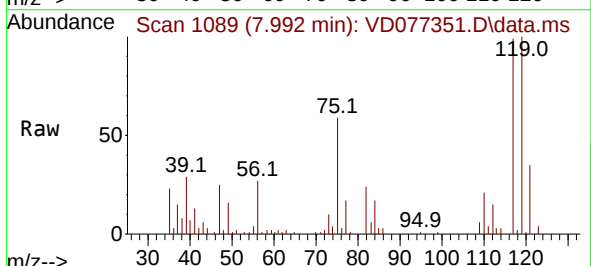
Manual Integrations
APPROVED

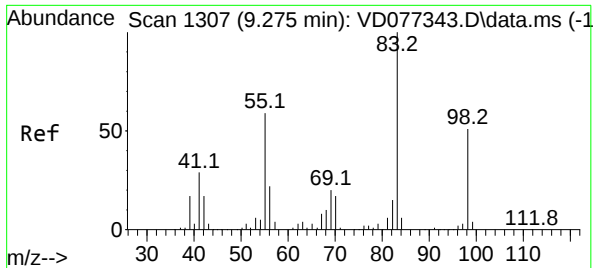
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#38
Carbon Tetrachloride
Concen: 18.809 ug/l
RT: 7.992 min Scan# 1089
Delta R.T. -0.001 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

Tgt Ion:117 Resp: 61415
Ion Ratio Lower Upper
117 100
119 101.4 78.0 117.0
121 35.5 24.2 36.2





#39

Methylcyclohexane

Concen: 18.500 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD077351.D

Acq: 19 Oct 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

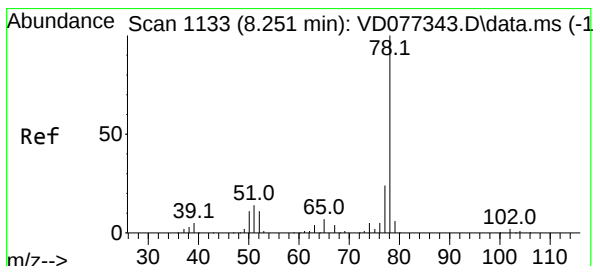
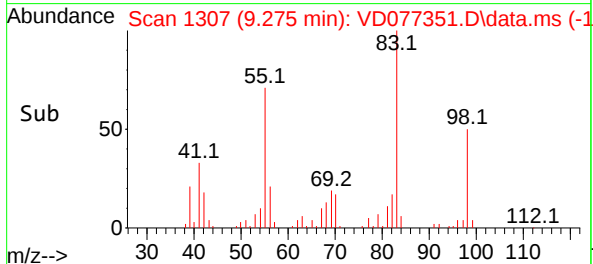
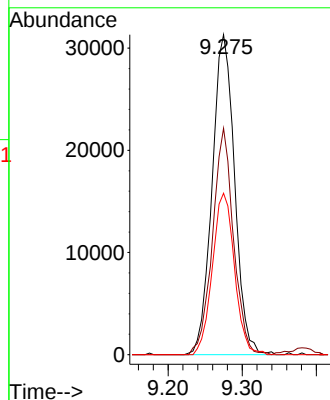
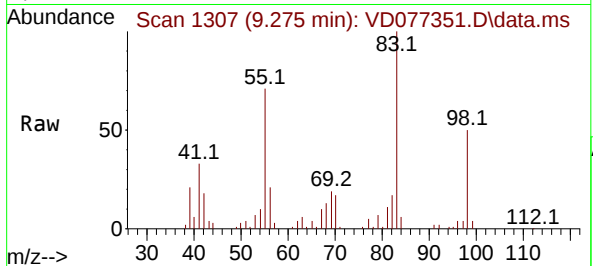
Tgt Ion: 83 Resp: 65979
 Ion Ratio Lower Upper
 83 100
 55 70.8 49.4 74.0
 98 50.5 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#40

Benzene

Concen: 20.277 ug/l

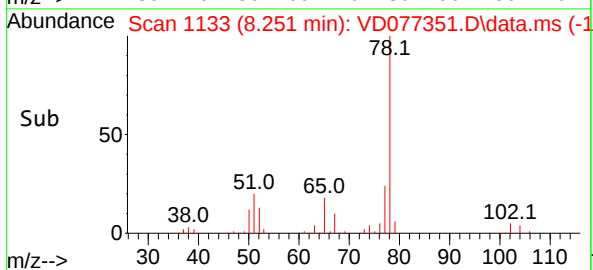
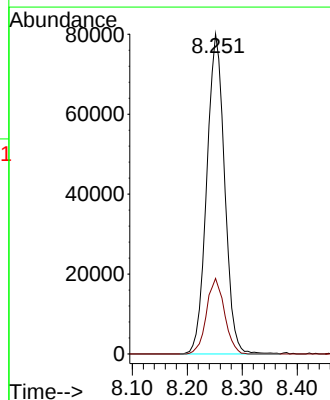
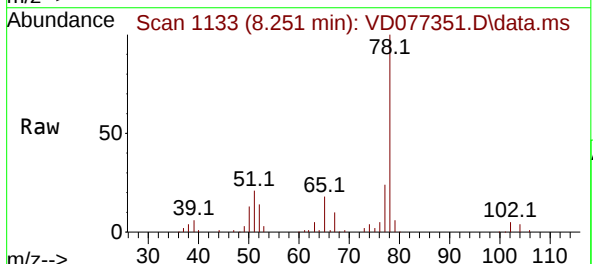
RT: 8.251 min Scan# 1133

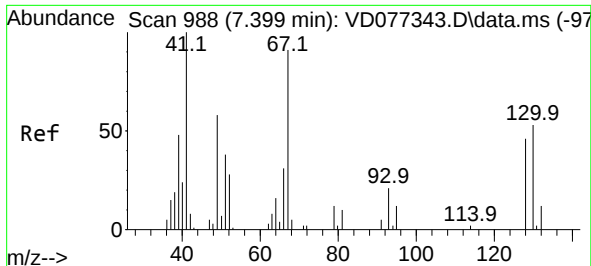
Delta R.T. 0.000 min

Lab File: VD077351.D

Acq: 19 Oct 2023 13:07

Tgt Ion: 78 Resp: 180618
 Ion Ratio Lower Upper
 78 100
 77 23.6 19.4 29.0





#41
Methacrylonitrile
Concen: 23.145 ug/l
RT: 7.404 min Scan# 918
Delta R.T. 0.005 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

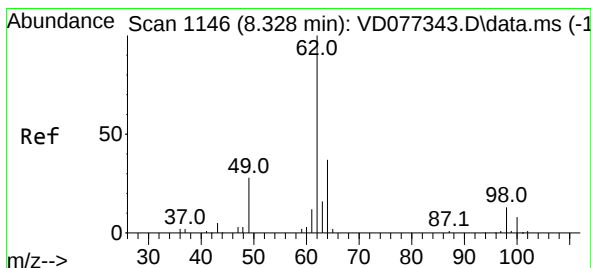
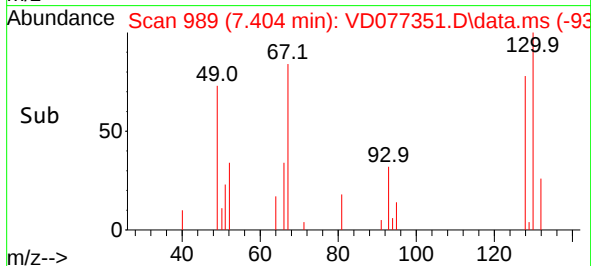
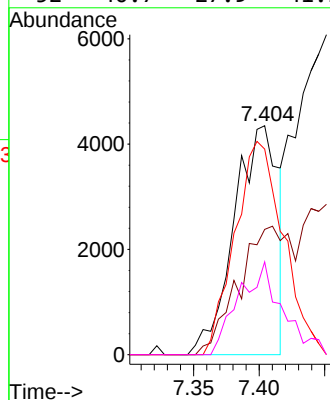
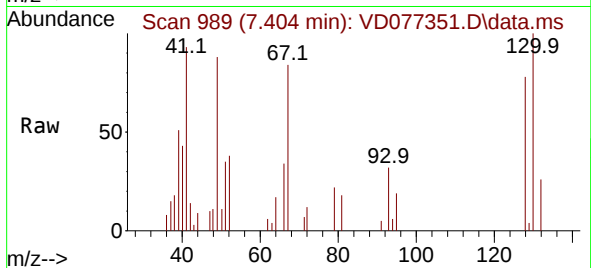
Tgt Ion: 41 Resp: 10184
Ion Ratio Lower Upper
41 100
39 68.0 34.0 51.0
67 102.6 77.0 115.4
52 40.7 27.9 41.9

Manual Integrations

APPROVED

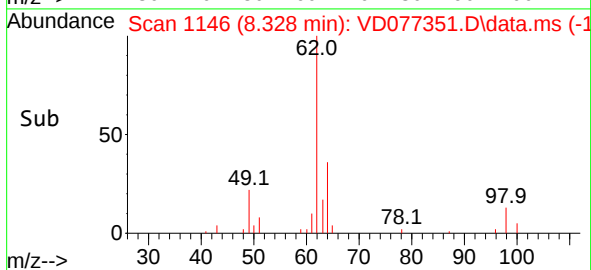
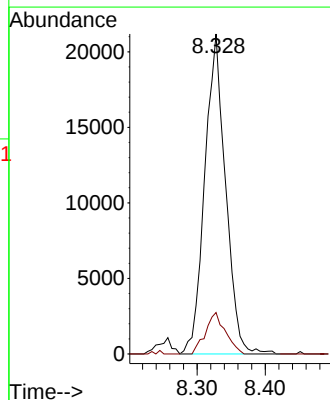
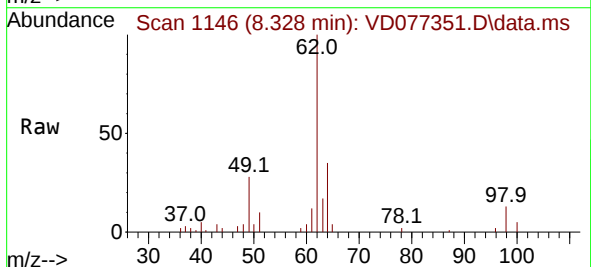
Reviewed By :John Carlone 10/20/2023

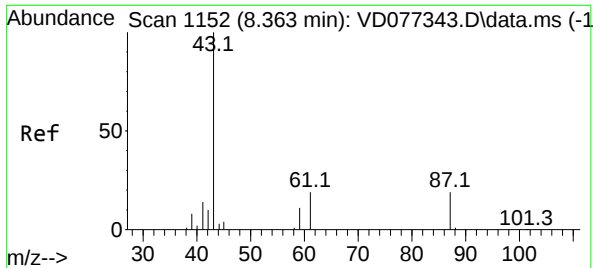
Supervised By :Semsettin Yesilyurt 10/20/2023



#42
1,2-Dichloroethane
Concen: 21.482 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

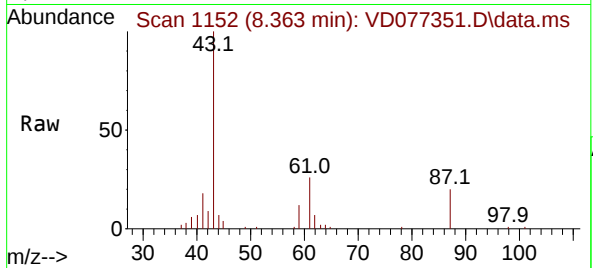
Tgt Ion: 62 Resp: 45070
Ion Ratio Lower Upper
62 100
98 12.4 0.0 25.4





#43
Isopropyl Acetate
Concen: 23.312 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

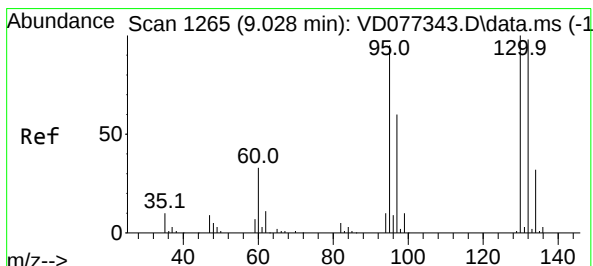
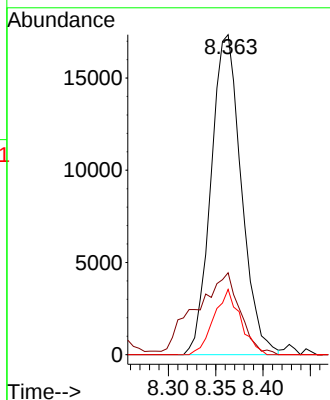
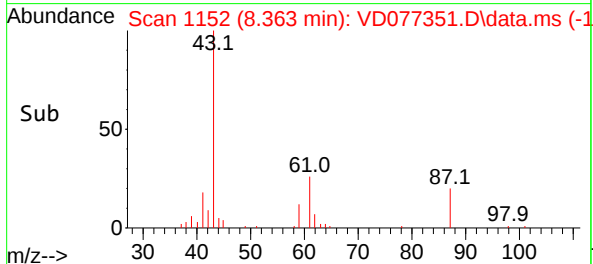
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01



Tgt Ion: 43 Resp: 3869
Ion Ratio Lower Upper
43 100
61 37.4 31.4 47.0
87 18.0 14.9 22.3

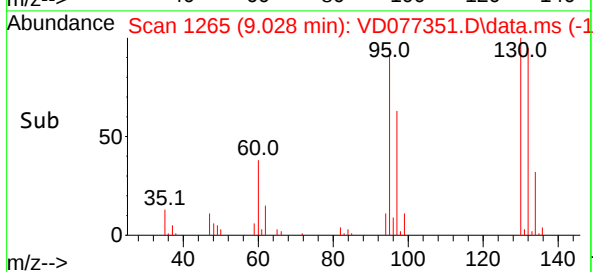
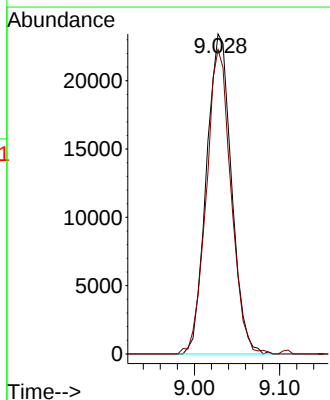
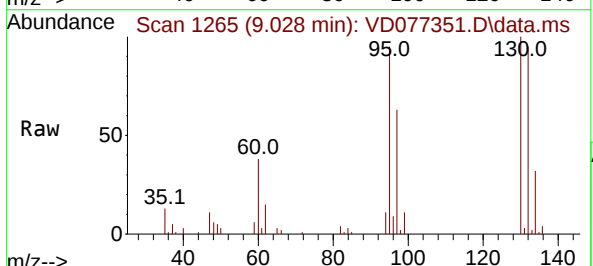
Manual Integrations
APPROVED

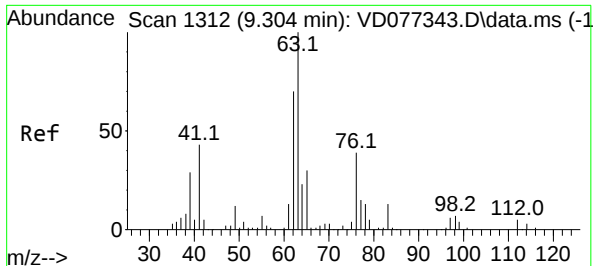
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#44
Trichloroethene
Concen: 18.323 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

Tgt Ion:130 Resp: 47716
Ion Ratio Lower Upper
130 100
95 95.1 0.0 179.2





#45

1,2-Dichloropropane

Concen: 21.317 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077351.D

Acq: 19 Oct 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

Tgt Ion: 63 Resp: 43770

Ion Ratio Lower Upper

63 100

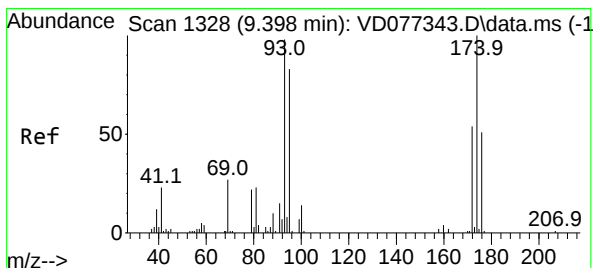
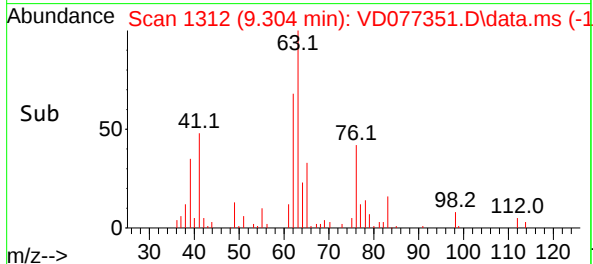
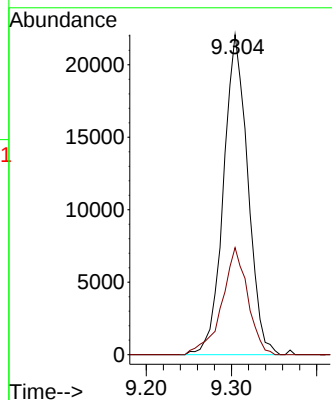
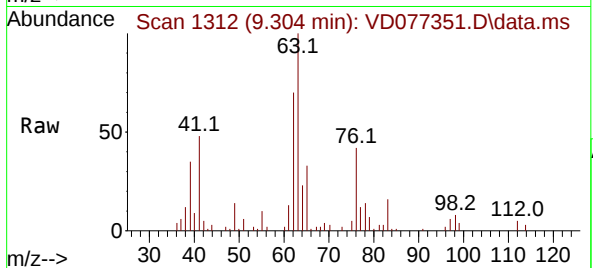
65 33.5 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#46

Dibromomethane

Concen: 21.153 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD077351.D

Acq: 19 Oct 2023 13:07

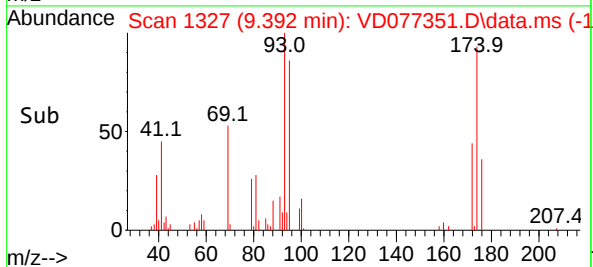
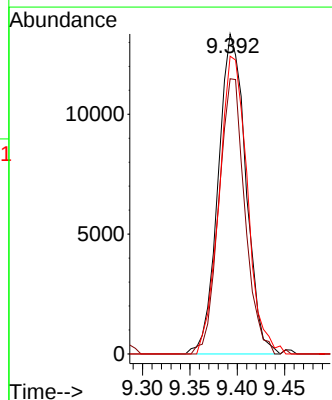
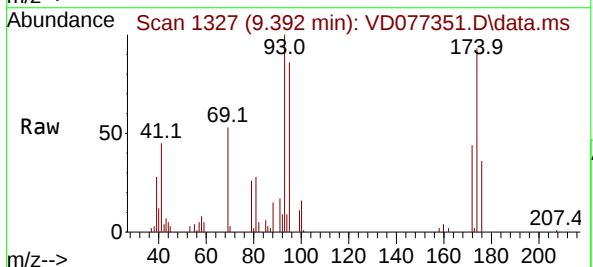
Tgt Ion: 93 Resp: 27154

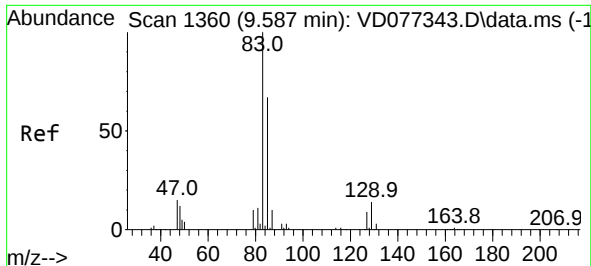
Ion Ratio Lower Upper

93 100

95 81.1 67.7 101.5

174 94.6 85.4 128.2





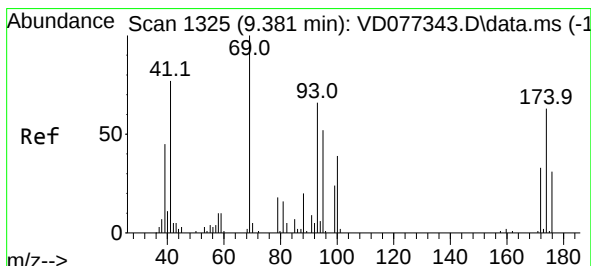
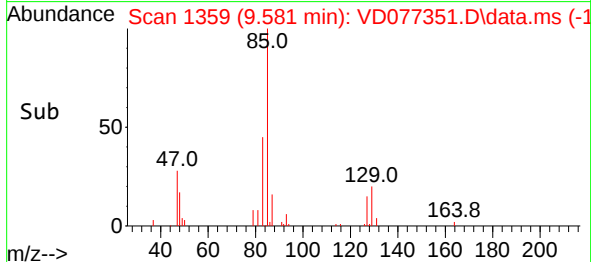
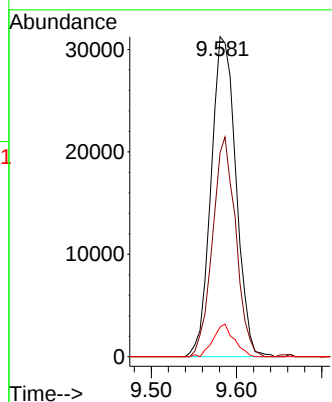
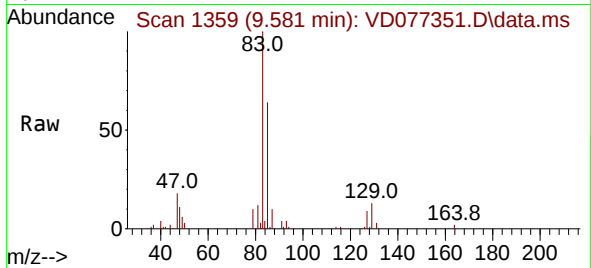
#47
Bromodichloromethane
Concen: 20.733 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

Tgt Ion: 83 Resp: 6346
Ion Ratio Lower Upper
83 100
85 63.7 50.2 75.4
127 9.3 6.3 9.5

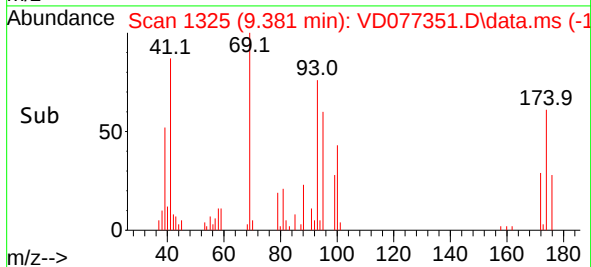
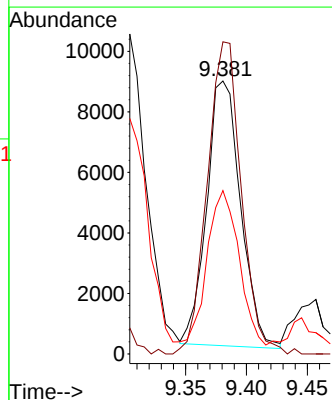
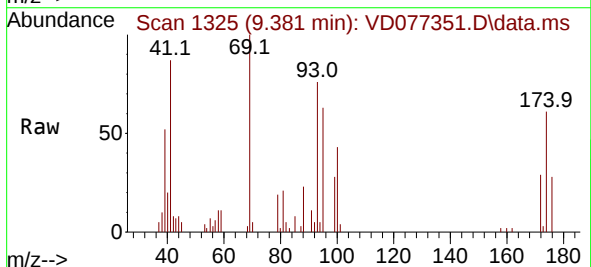
Manual Integrations
APPROVED

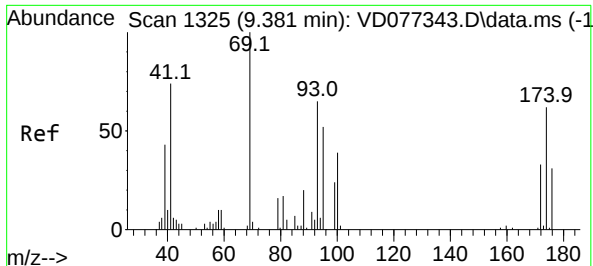
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#48
Methyl methacrylate
Concen: 22.628 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

Tgt Ion: 41 Resp: 16991
Ion Ratio Lower Upper
41 100
69 118.5 102.2 153.2
39 55.0 41.4 62.2





#49

1,4-Dioxane

Concen: 405.024 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD077351.D

Acq: 19 Oct 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

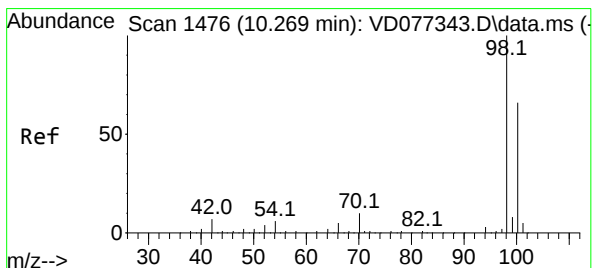
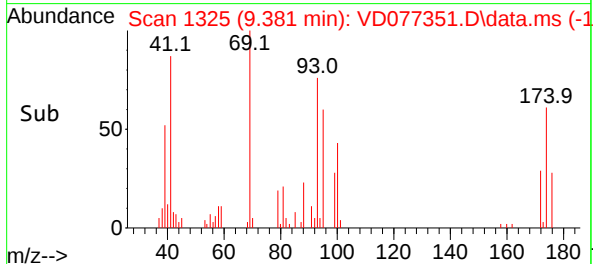
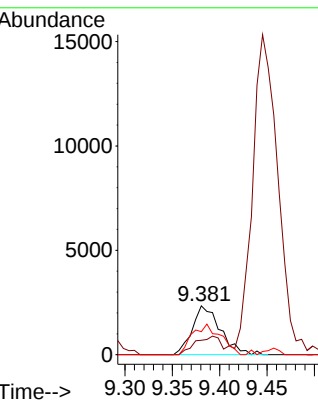
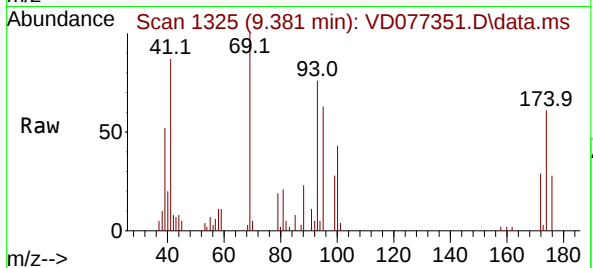
Tgt Ion: 88 Resp: 4820
 Ion Ratio Lower Upper
 88 100
 43 33.5 19.0 28.6
 58 63.2 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#50

Toluene-d8

Concen: 46.491 ug/l

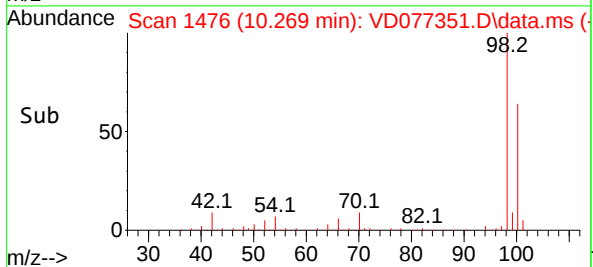
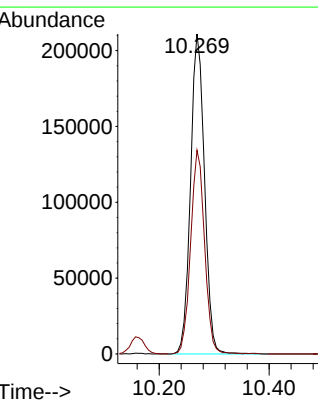
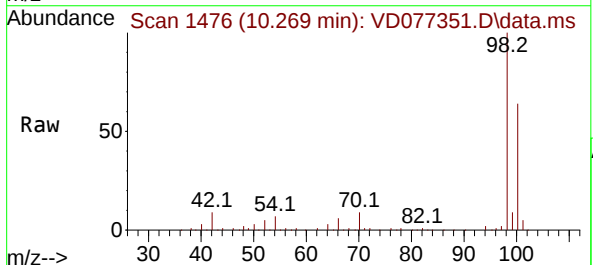
RT: 10.269 min Scan# 1476

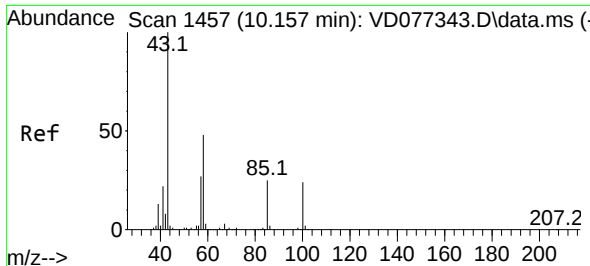
Delta R.T. -0.000 min

Lab File: VD077351.D

Acq: 19 Oct 2023 13:07

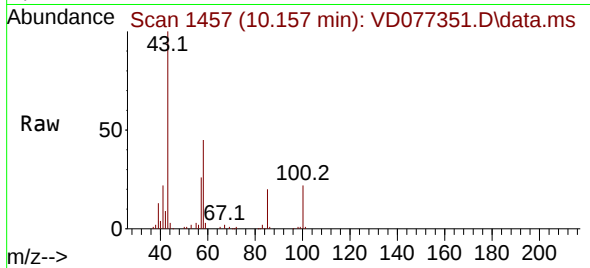
Tgt Ion: 98 Resp: 371928
 Ion Ratio Lower Upper
 98 100
 100 63.7 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 120.599 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

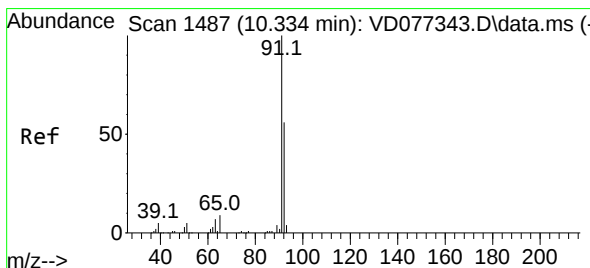
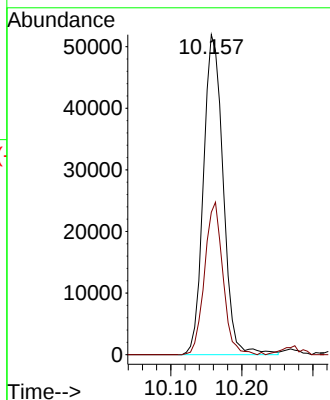
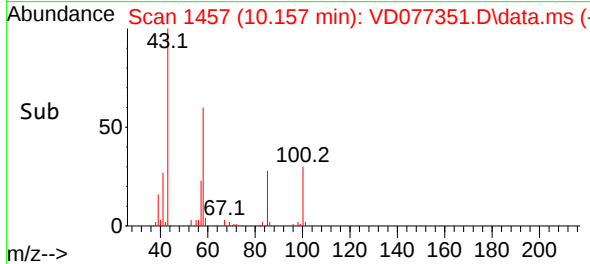
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01



Tgt Ion: 43 Resp: 10034
Ion Ratio Lower Upper
43 100
58 44.2 38.9 58.3

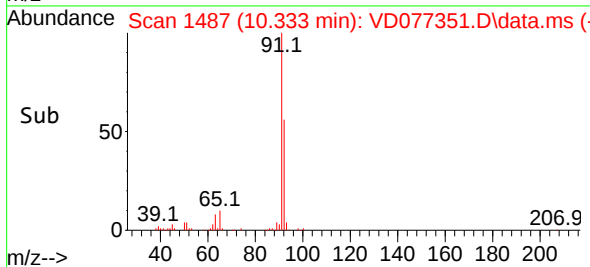
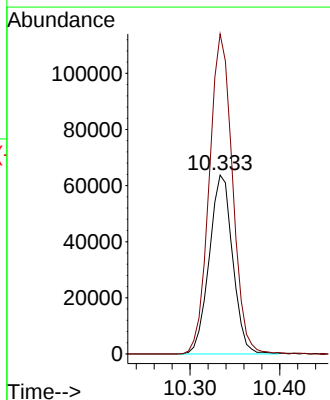
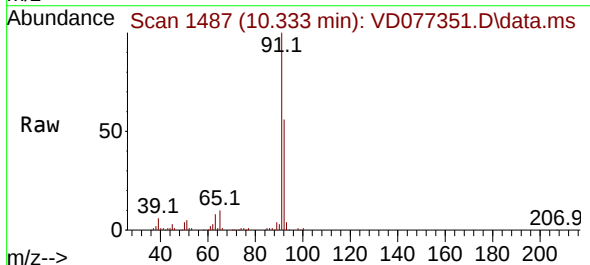
Manual Integrations
APPROVED

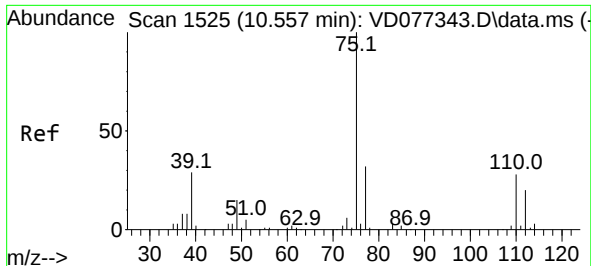
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#52
Toluene
Concen: 19.836 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.001 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

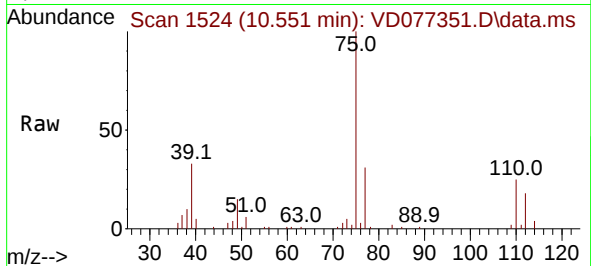
Tgt Ion: 92 Resp: 115362
Ion Ratio Lower Upper
92 100
91 178.2 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 20.780 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

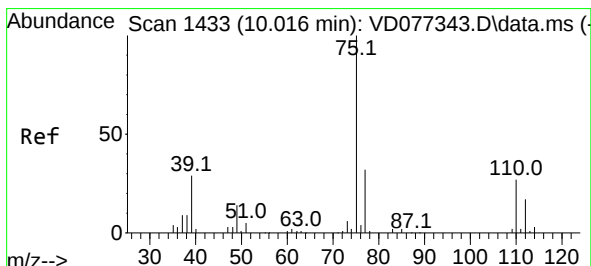
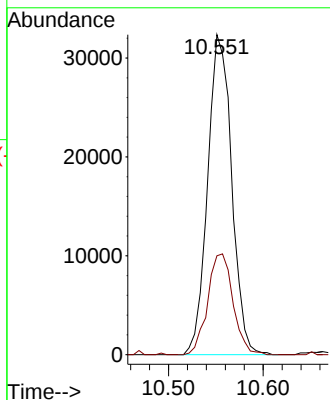
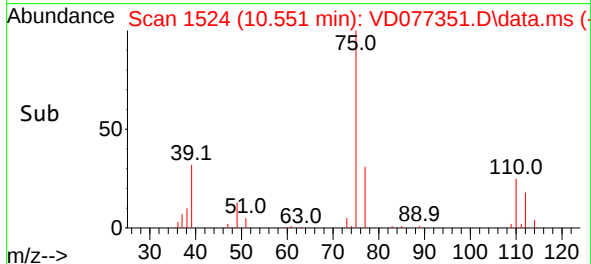
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01



Tgt Ion: 75 Resp: 5709
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9

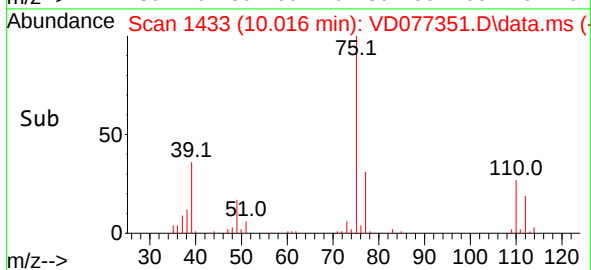
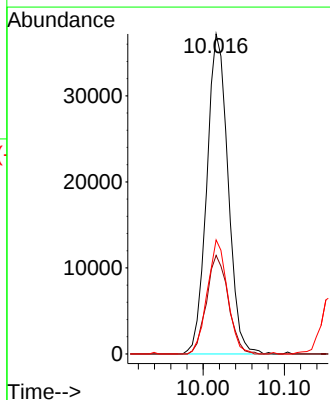
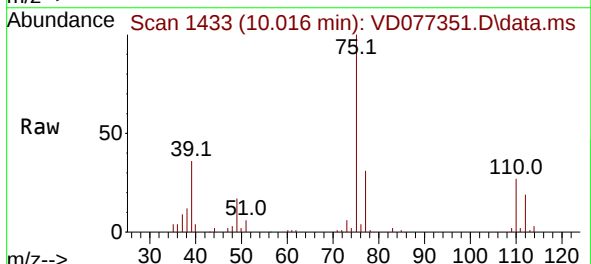
Manual Integrations
APPROVED

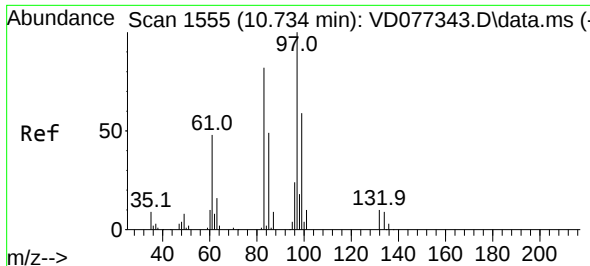
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#54
cis-1,3-Dichloropropene
Concen: 20.072 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

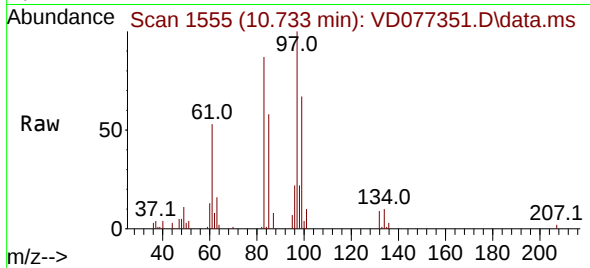
Tgt Ion: 75 Resp: 67474
Ion Ratio Lower Upper
75 100
77 30.8 25.5 38.3
39 35.7 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 20.922 ug/l
RT: 10.733 min Scan# 1555
Delta R.T. -0.001 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

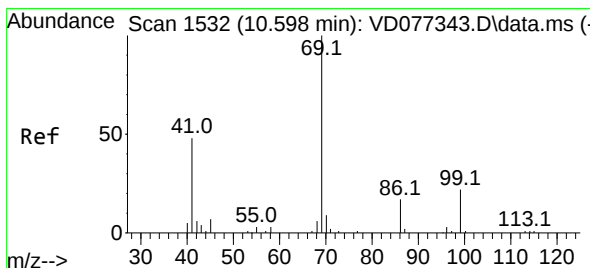
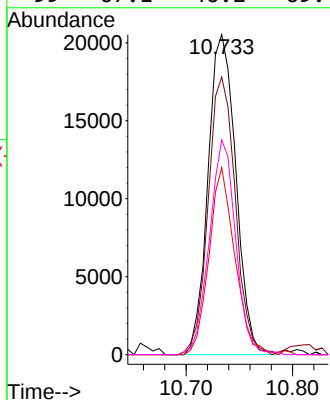
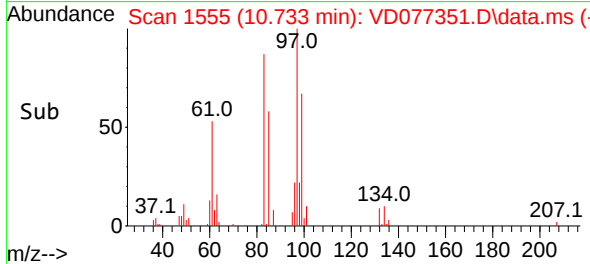
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01



Tgt Ion:	97	Resp:	37198
Ion Ratio	100	Lower	Upper
97	100		
83	86.7	65.8	98.6
85	58.4	45.7	68.5
99	67.1	46.2	69.4

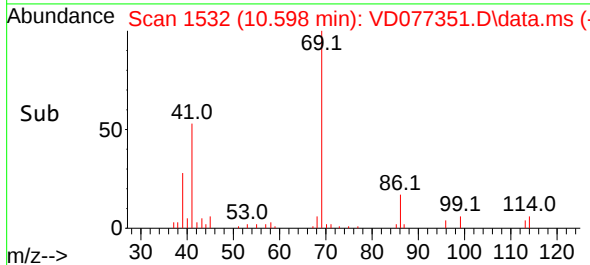
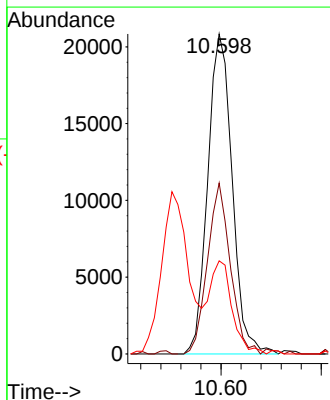
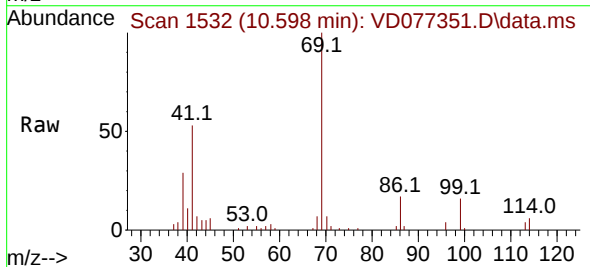
Manual Integrations
APPROVED

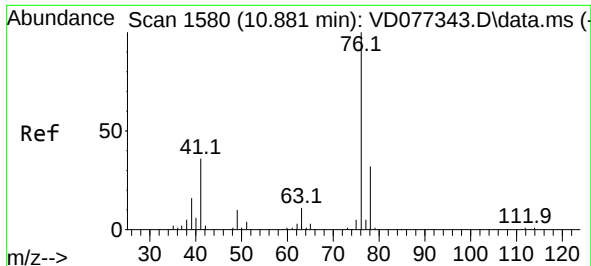
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#56
Ethyl methacrylate
Concen: 20.738 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

Tgt Ion:	69	Resp:	35237
Ion Ratio	100	Lower	Upper
69	100		
41	49.8	39.1	58.7
39	27.2	20.0	30.0





#57

1,3-Dichloropropane

Concen: 21.395 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077351.D

Acq: 19 Oct 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

Tgt Ion: 76 Resp: 5843

Ion Ratio Lower Upper

76 100

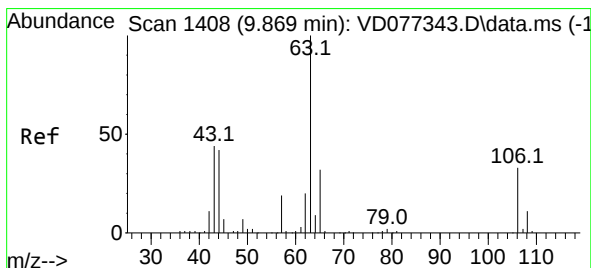
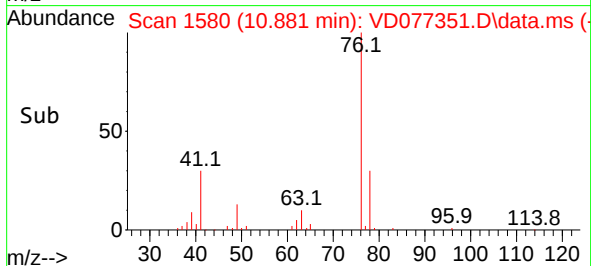
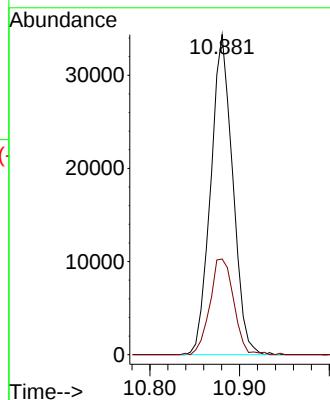
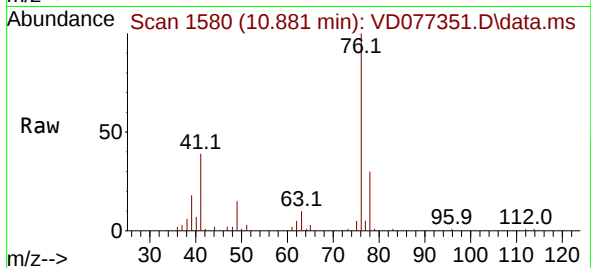
78 32.5 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 112.841 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD077351.D

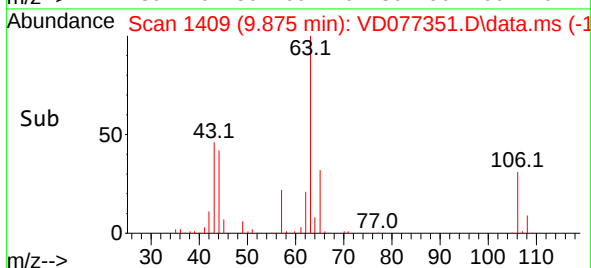
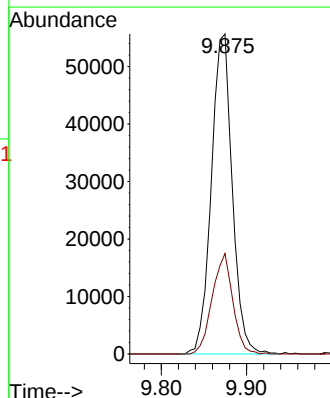
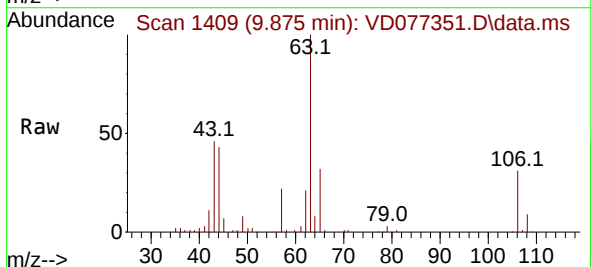
Acq: 19 Oct 2023 13:07

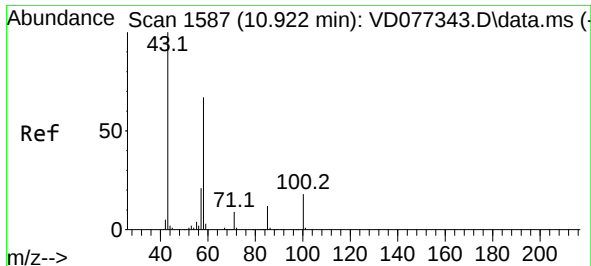
Tgt Ion: 63 Resp: 94817

Ion Ratio Lower Upper

63 100

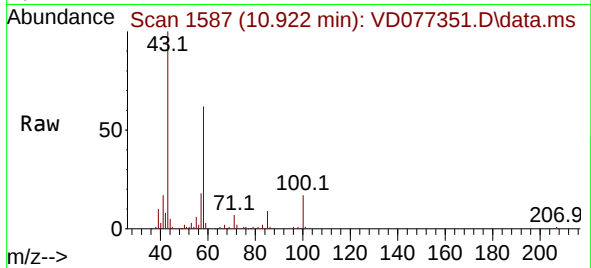
106 30.8 25.3 37.9





#59
2-Hexanone
Concen: 122.867 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

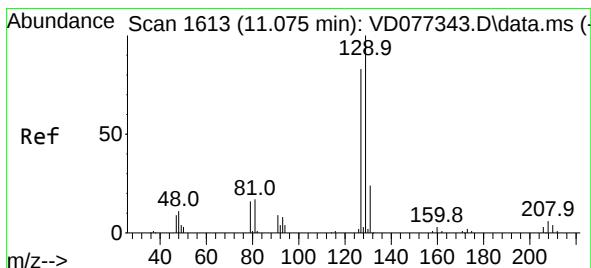
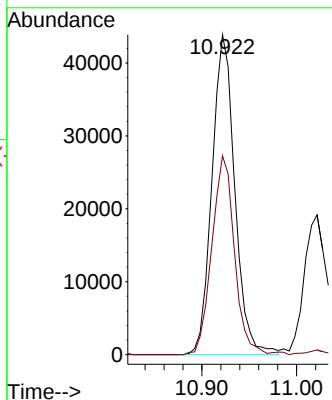
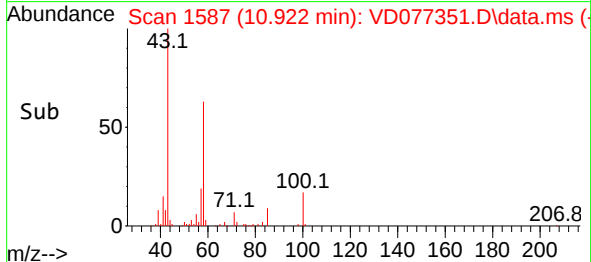
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01



Tgt Ion: 43 Resp: 7342
Ion Ratio Lower Upper
43 100
58 61.5 34.1 102.2

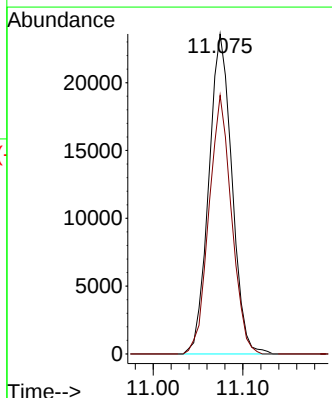
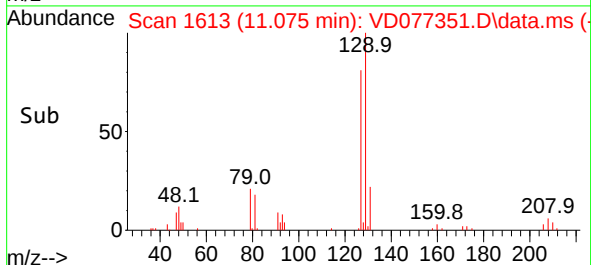
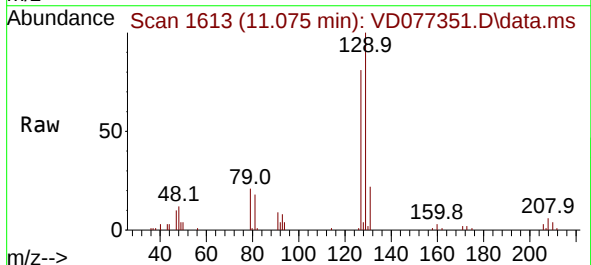
Manual Integrations
APPROVED

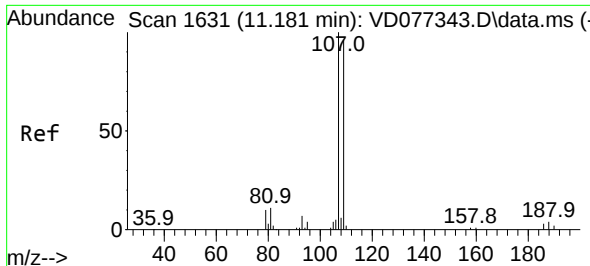
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#60
Dibromochloromethane
Concen: 18.607 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

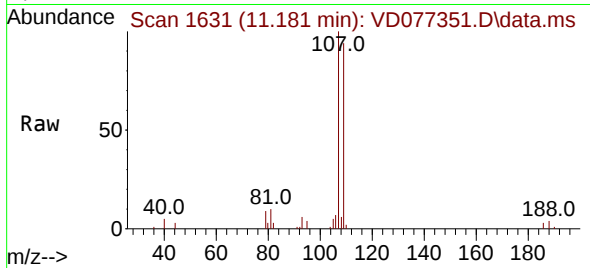
Tgt Ion:129 Resp: 42243
Ion Ratio Lower Upper
129 100
127 78.8 37.1 111.5





#61
1,2-Dibromoethane
Concen: 20.270 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

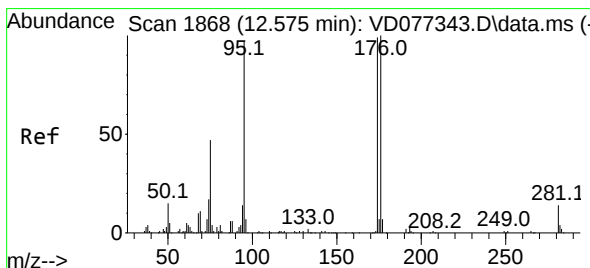
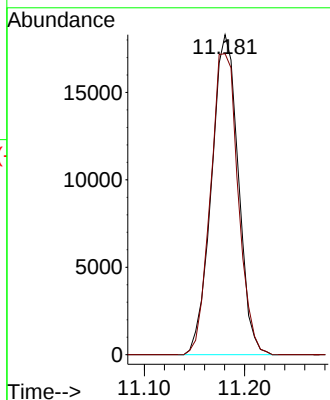
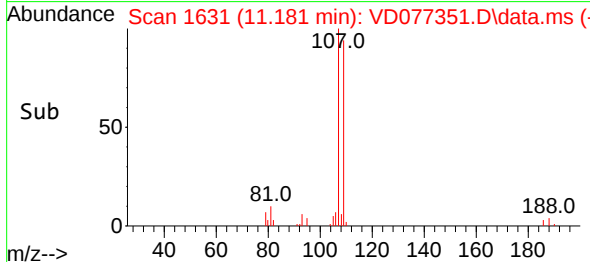
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01



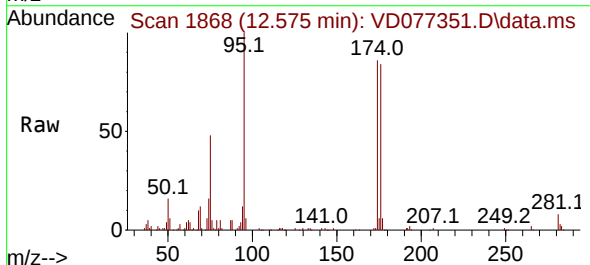
Tgt Ion:107 Resp: 3395
Ion Ratio Lower Upper
107 100
109 97.1 75.6 113.4

Manual Integrations
APPROVED

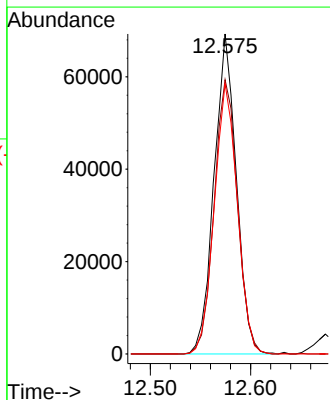
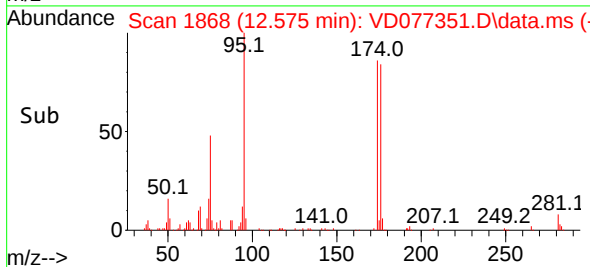
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

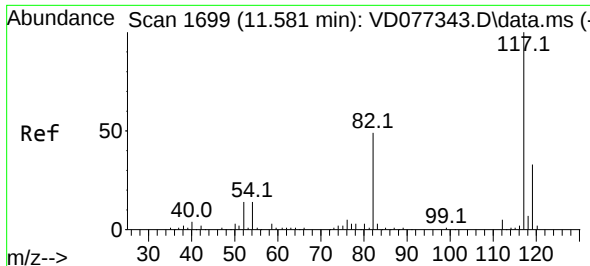


#62
4-Bromofluorobenzene
Concen: 46.386 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07



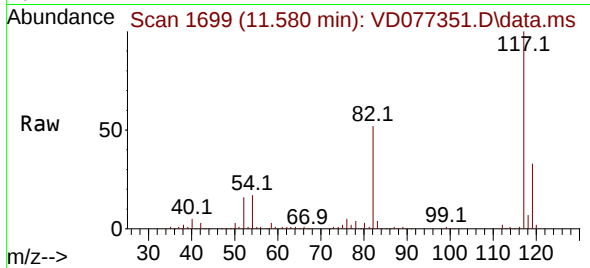
Tgt Ion: 95 Resp: 106819
Ion Ratio Lower Upper
95 100
174 89.4 0.0 201.8
176 87.4 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.001 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

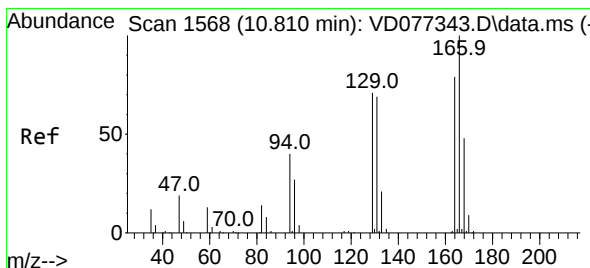
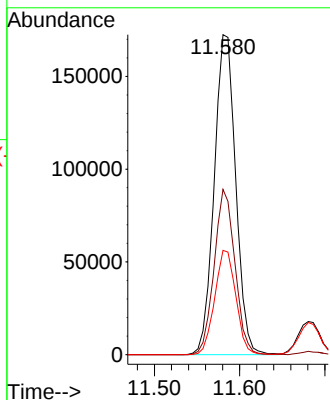
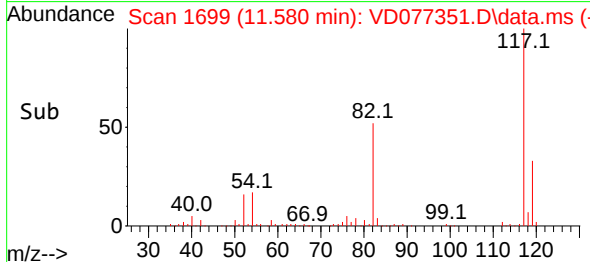
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01



Tgt Ion:117 Resp: 303110
Ion Ratio Lower Upper
117 100
82 51.7 38.3 57.5
119 32.6 25.0 37.4

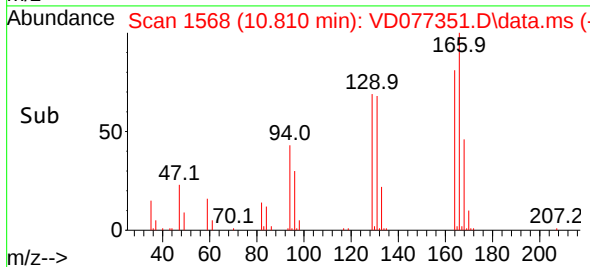
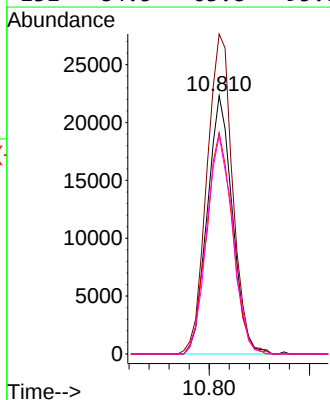
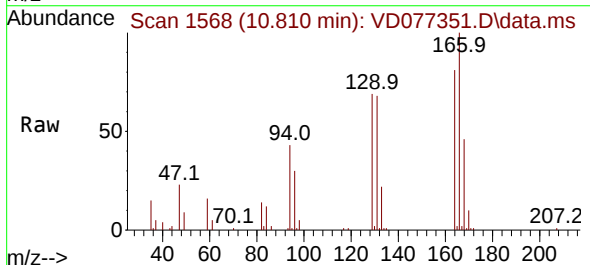
Manual Integrations
APPROVED

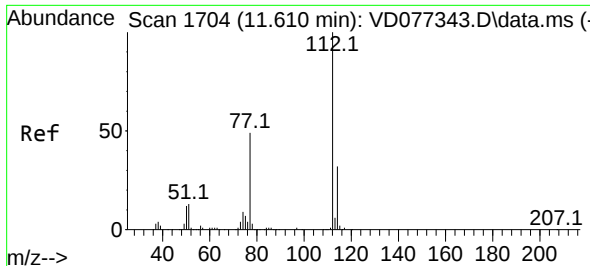
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#64
Tetrachloroethene
Concen: 17.241 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

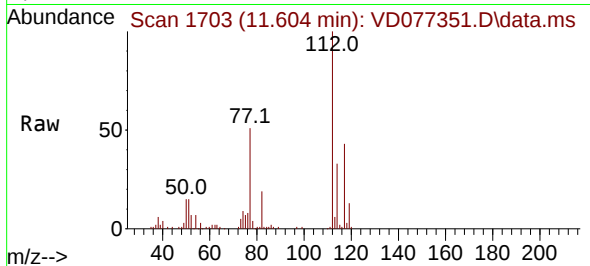
Tgt Ion:164 Resp: 38843
Ion Ratio Lower Upper
164 100
166 124.0 99.2 148.8
129 85.7 68.4 102.6
131 84.5 63.8 95.8





#65
Chlorobenzene
Concen: 18.951 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

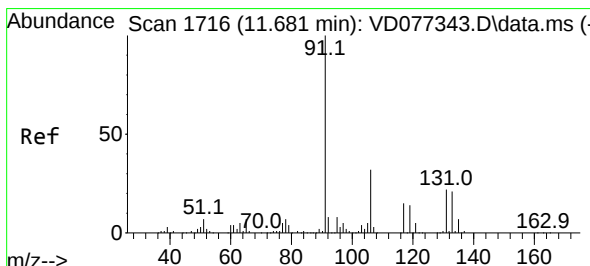
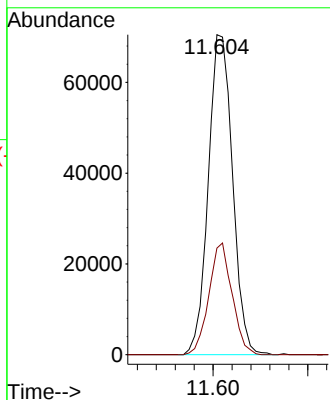
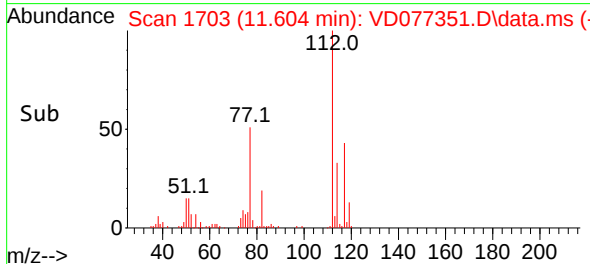
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01



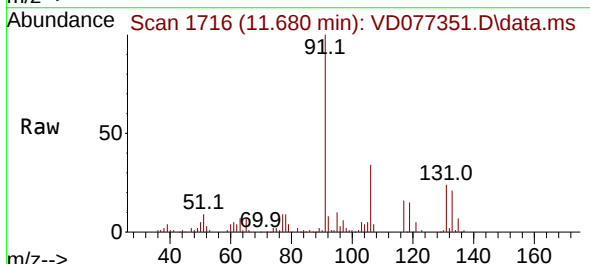
Tgt Ion:112 Resp: 125210
Ion Ratio Lower Upper
112 100
114 33.3 25.1 37.7

Manual Integrations
APPROVED

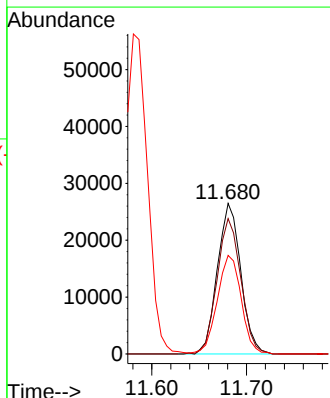
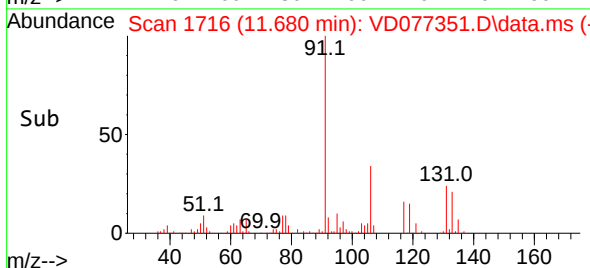
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

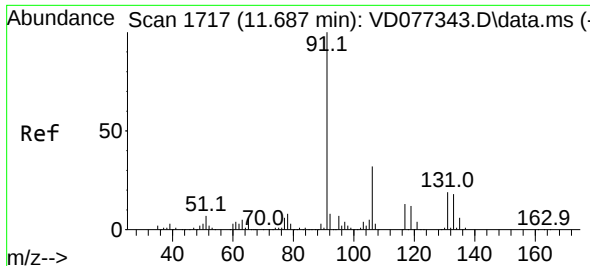


#66
1,1,1,2-Tetrachloroethane
Concen: 18.081 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.001 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07



Tgt Ion:131 Resp: 45411
Ion Ratio Lower Upper
131 100
133 91.6 48.5 145.5
119 67.0 35.6 106.9





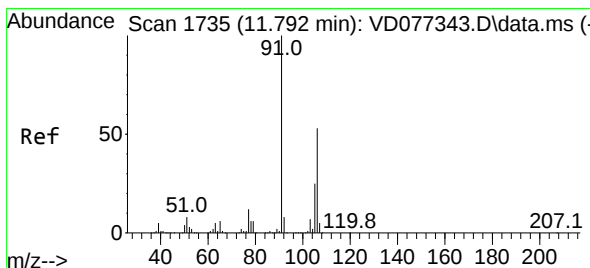
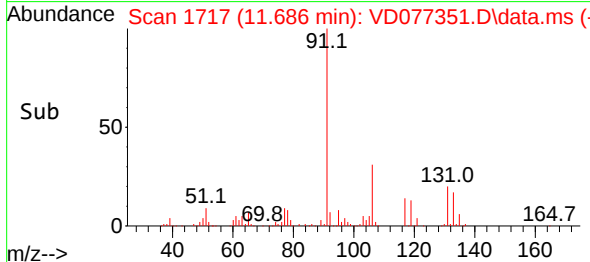
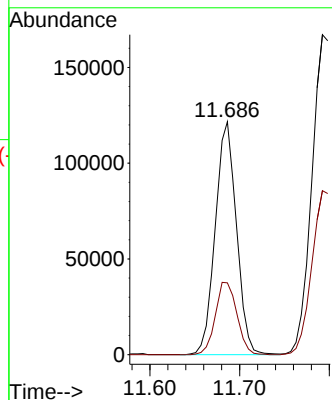
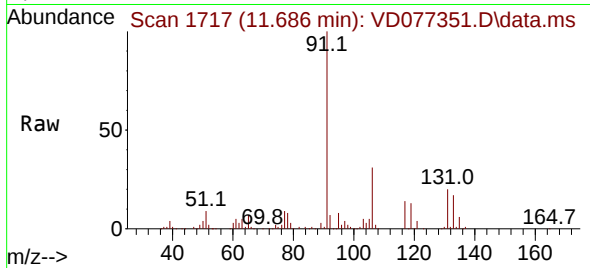
#67
Ethyl Benzene
Concen: 18.208 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. -0.001 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

Tgt Ion: 91 Resp: 199418
Ion Ratio Lower Upper
91 100
106 30.8 26.5 39.7

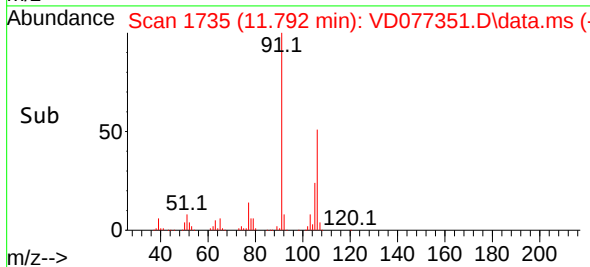
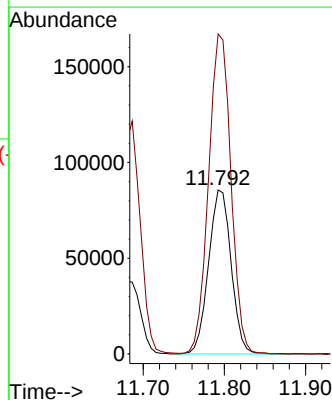
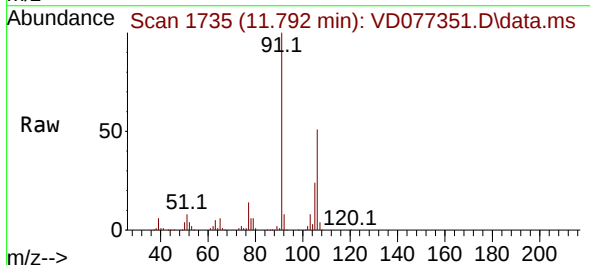
Manual Integrations
APPROVED

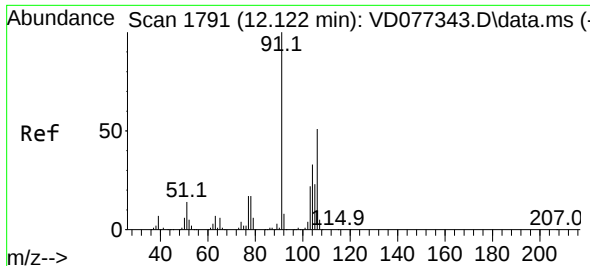
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#68
m/p-Xylenes
Concen: 36.748 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

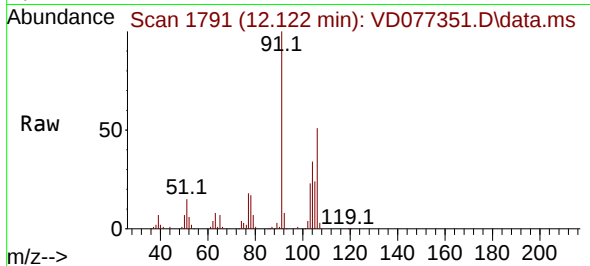
Tgt Ion:106 Resp: 165274
Ion Ratio Lower Upper
106 100
91 193.4 147.0 220.6





#69
o-Xylene
Concen: 18.202 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

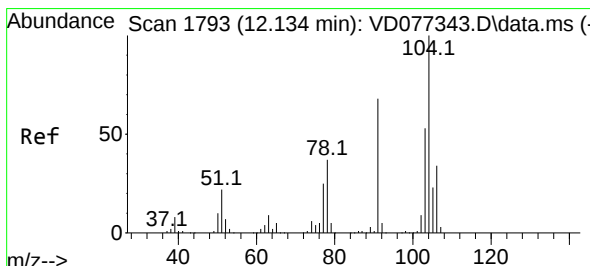
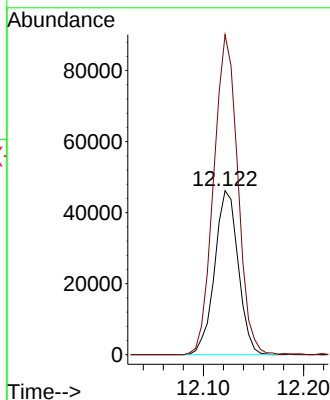
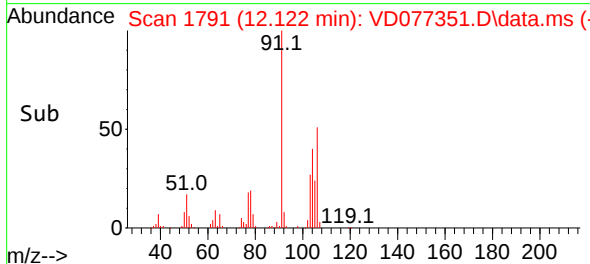
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01



Tgt Ion:106 Resp: 7536
Ion Ratio Lower Upper
106 100
91 199.8 97.9 293.6

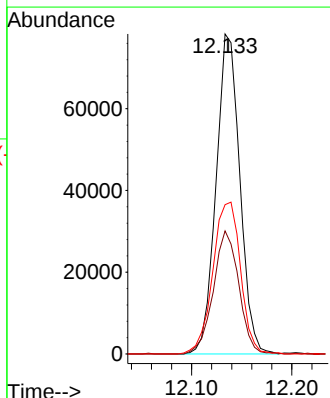
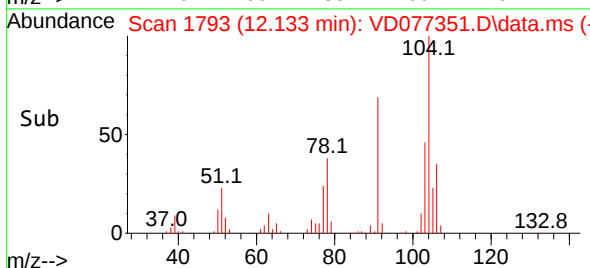
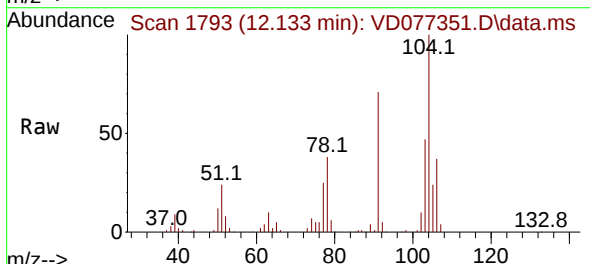
Manual Integrations
APPROVED

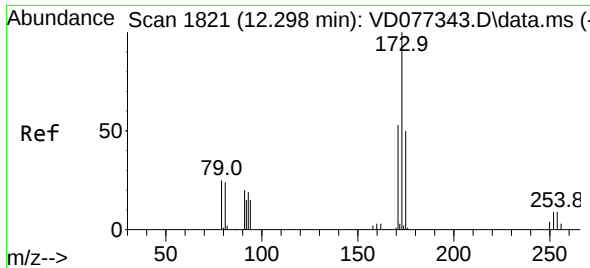
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#70
Styrene
Concen: 18.229 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

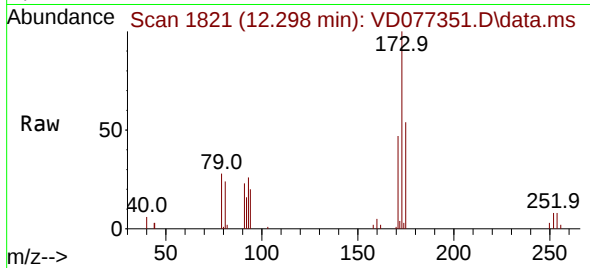
Tgt Ion:104 Resp: 128768
Ion Ratio Lower Upper
104 100
78 41.2 33.2 49.8
103 55.3 43.6 65.4





#71
Bromoform
Concen: 18.733 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

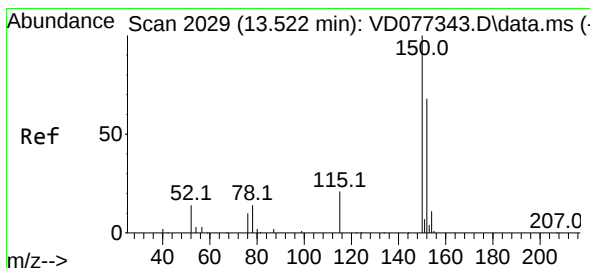
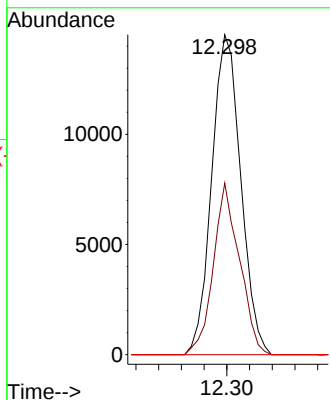
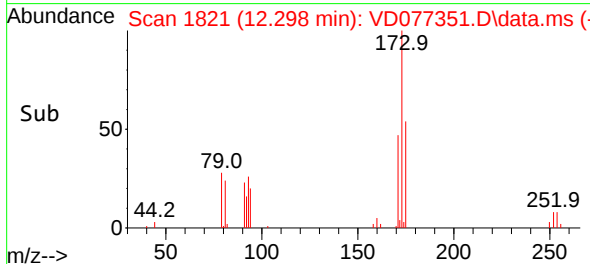
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01



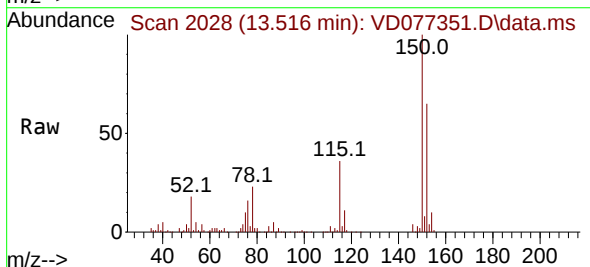
Tgt Ion:173 Resp: 2579
Ion Ratio Lower Upper
173 100
175 48.3 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

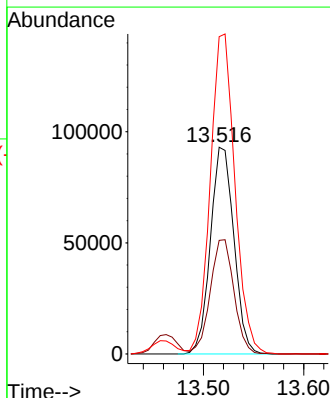
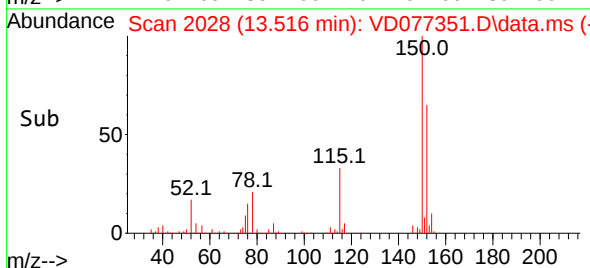
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

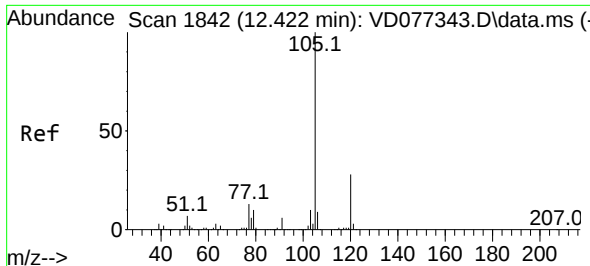


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07



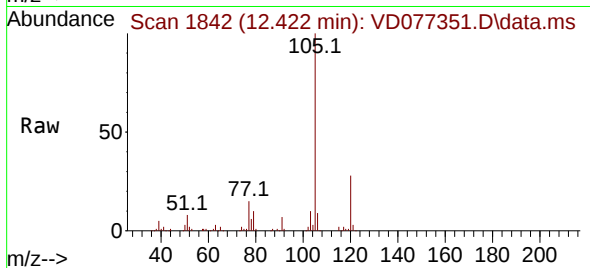
Tgt Ion:152 Resp: 151503
Ion Ratio Lower Upper
152 100
115 55.7 27.1 81.3
150 162.2 0.0 353.6





#73
Isopropylbenzene
Concen: 18.956 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

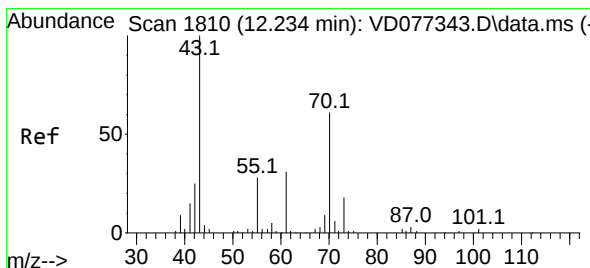
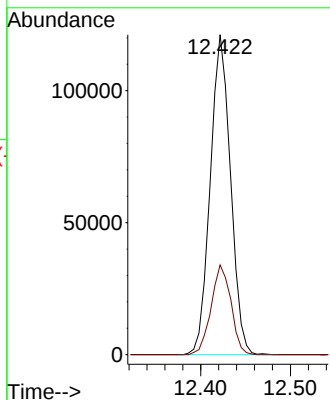
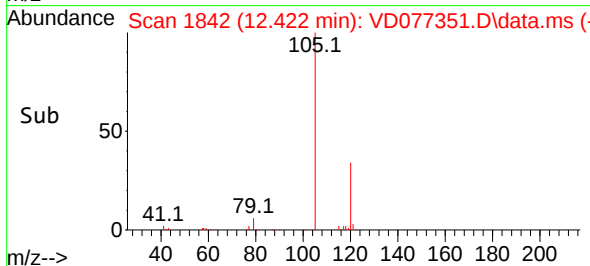
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01



Tgt Ion:105 Resp: 18995
Ion Ratio Lower Upper
105 100
120 27.4 14.3 42.9

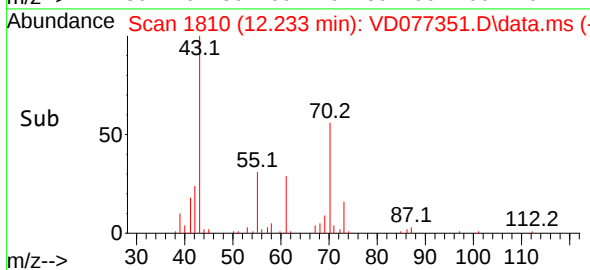
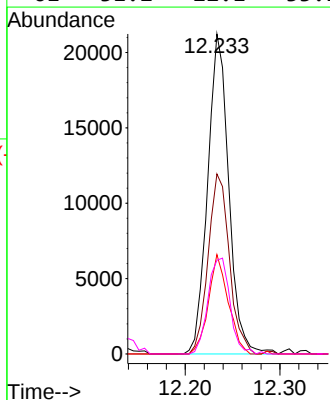
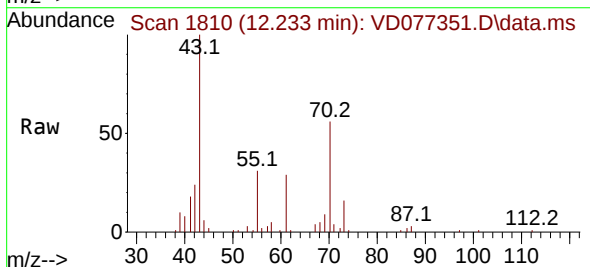
Manual Integrations
APPROVED

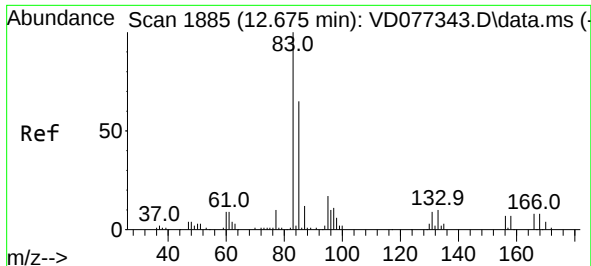
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#74
N-ethyl acetate
Concen: 22.855 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

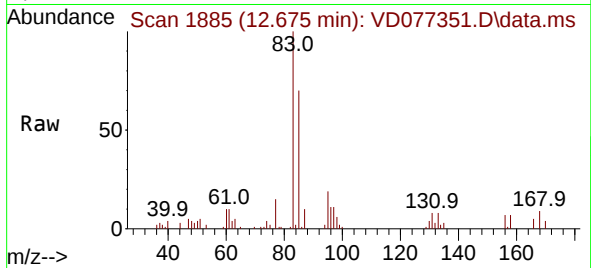
Tgt Ion: 43 Resp: 32948
Ion Ratio Lower Upper
43 100
70 56.5 45.0 67.4
55 29.0 23.8 35.6
61 31.2 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 23.064 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

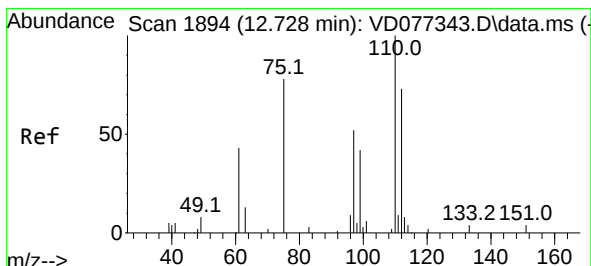
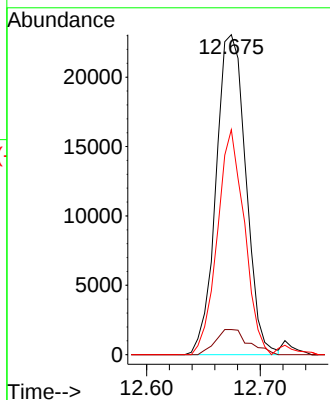
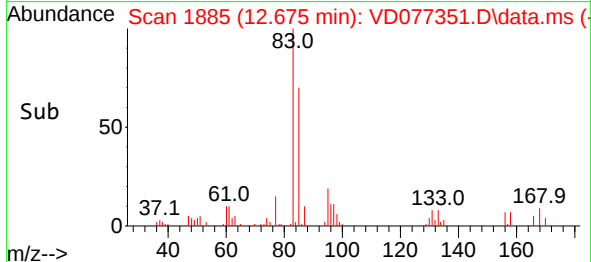
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01



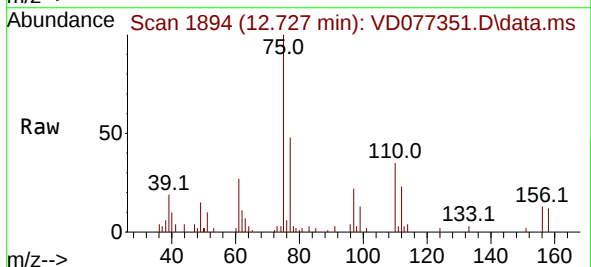
Tgt Ion: 83 Resp: 41998
Ion Ratio Lower Upper
83 100
131 8.7 5.1 15.3
85 63.9 32.6 97.8

Manual Integrations
APPROVED

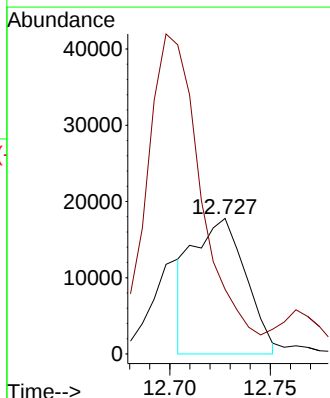
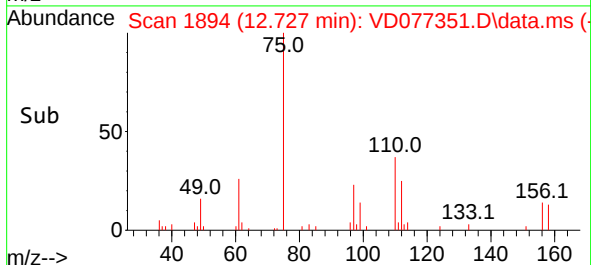
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

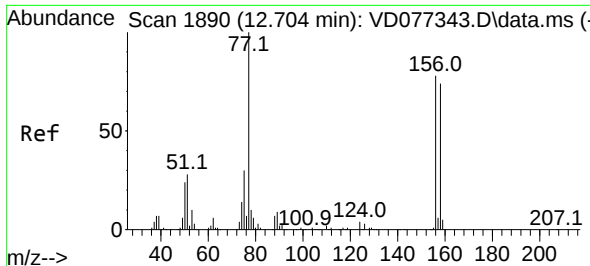


#76
1,2,3-Trichloropropane
Concen: 17.605 ug/l m
RT: 12.727 min Scan# 1894
Delta R.T. -0.001 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07



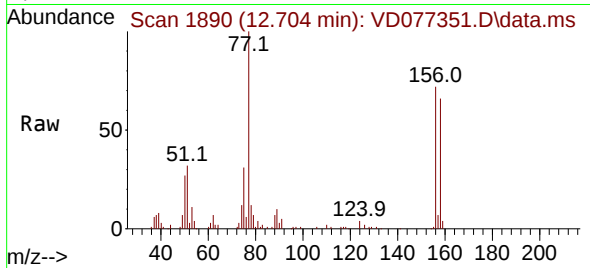
Tgt Ion: 75 Resp: 32349
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 18.056 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

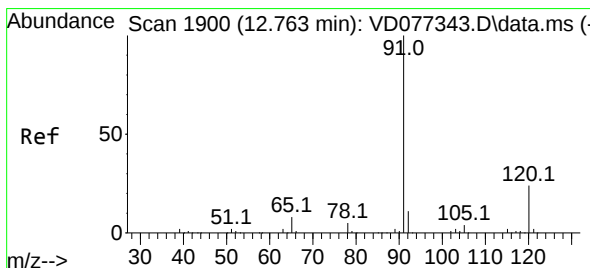
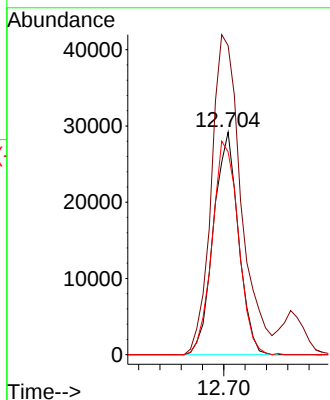
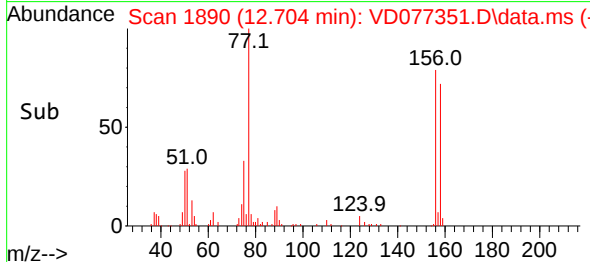
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01



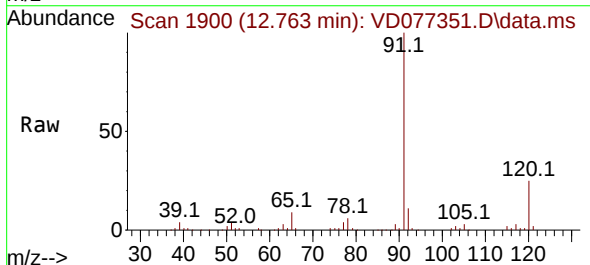
Tgt Ion:156 Resp: 47504
Ion Ratio Lower Upper
156 100
77 171.6 76.8 230.4
158 100.7 48.6 145.9

Manual Integrations
APPROVED

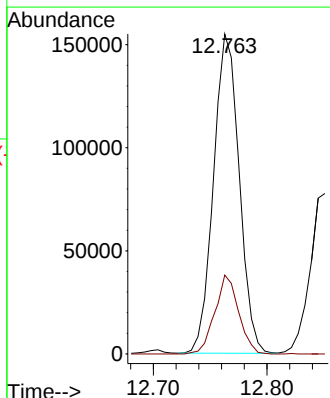
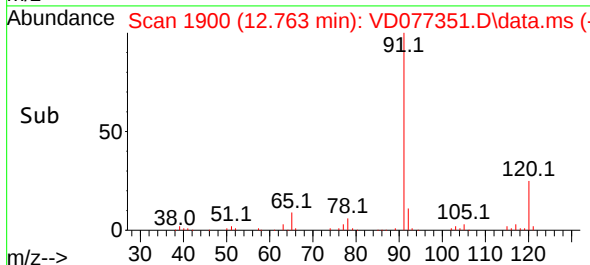
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

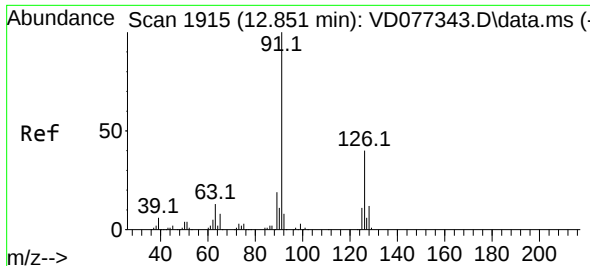


#78
n-propylbenzene
Concen: 20.150 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07



Tgt Ion: 91 Resp: 243188
Ion Ratio Lower Upper
91 100
120 22.8 12.4 37.2





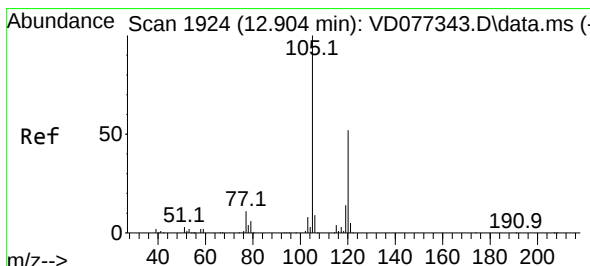
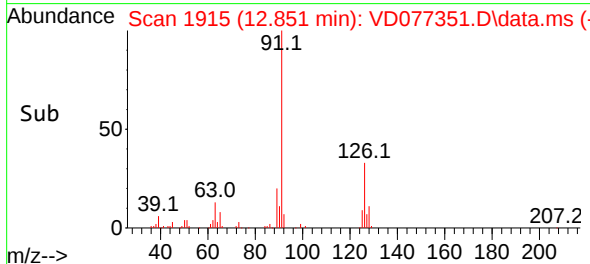
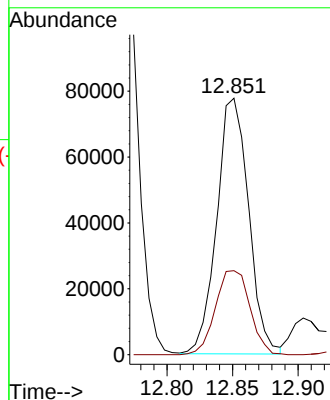
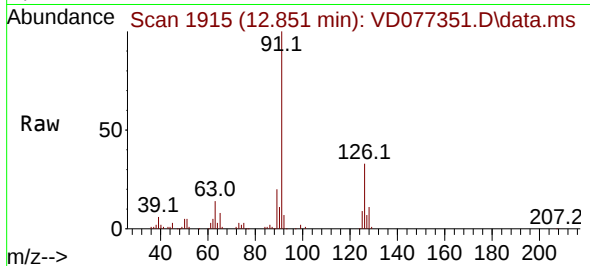
#79
2-Chlorotoluene
Concen: 19.976 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

Tgt Ion: 91 Resp: 131315
Ion Ratio Lower Upper
91 100
126 35.5 19.4 58.1

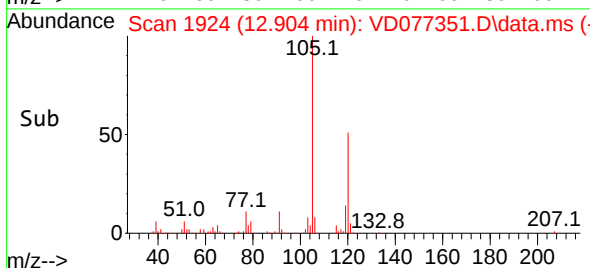
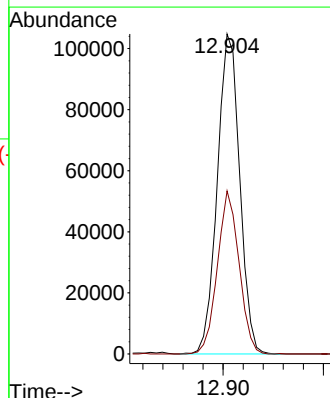
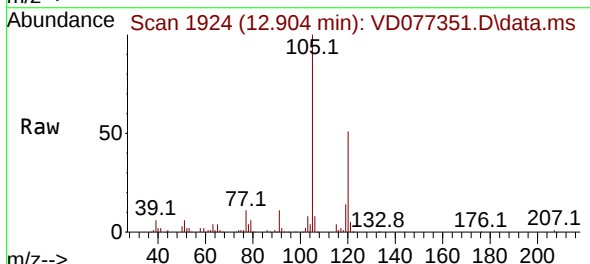
Manual Integrations
APPROVED

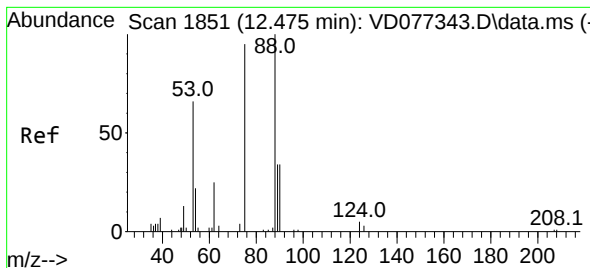
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.595 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

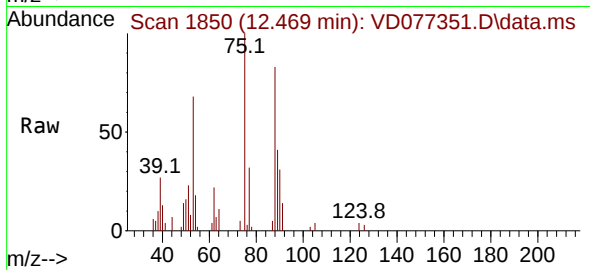
Tgt Ion:105 Resp: 162042
Ion Ratio Lower Upper
105 100
120 49.3 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 24.276 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

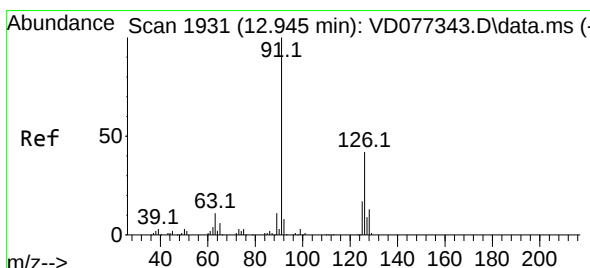
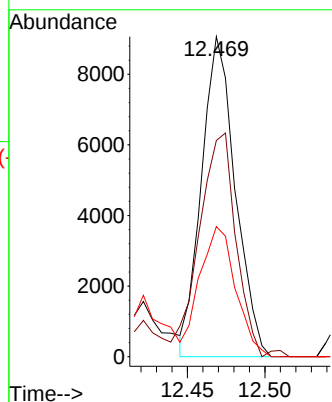
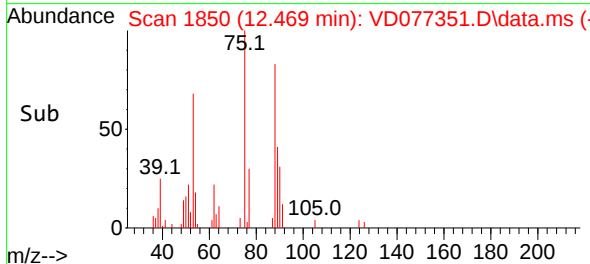
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01



Tgt Ion: 75 Resp: 13720
Ion Ratio Lower Upper
75 100
53 76.1 63.0 94.4
89 43.5 37.9 56.9

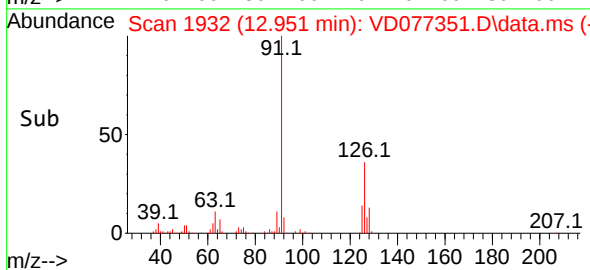
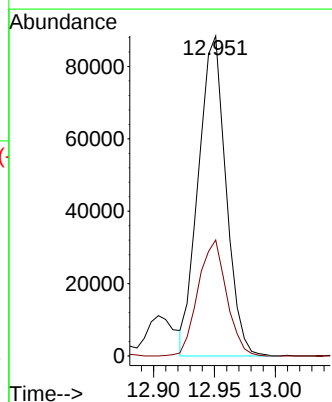
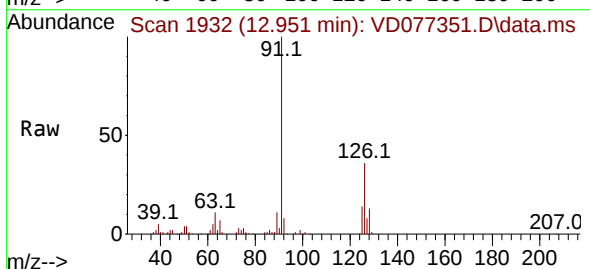
Manual Integrations
APPROVED

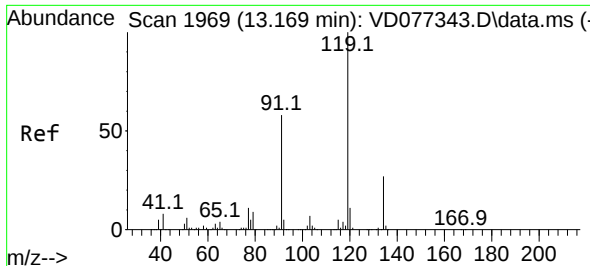
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#82
4-Chlorotoluene
Concen: 20.347 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

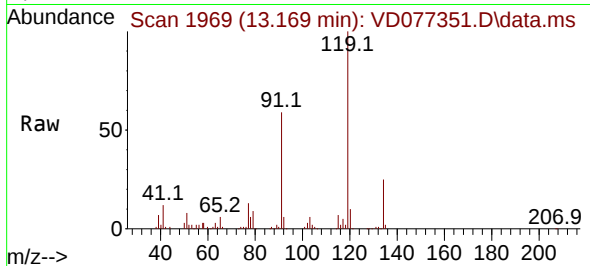
Tgt Ion: 91 Resp: 139253
Ion Ratio Lower Upper
91 100
126 37.4 19.4 58.4





#83
tert-Butylbenzene
Concen: 17.941 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

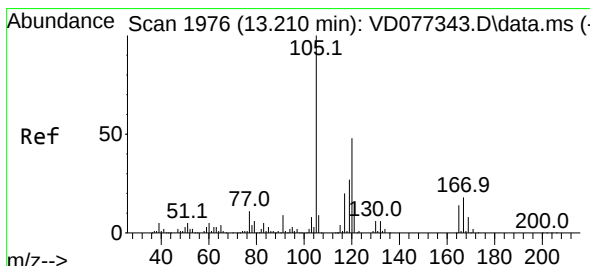
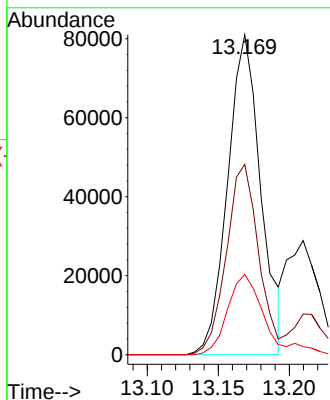
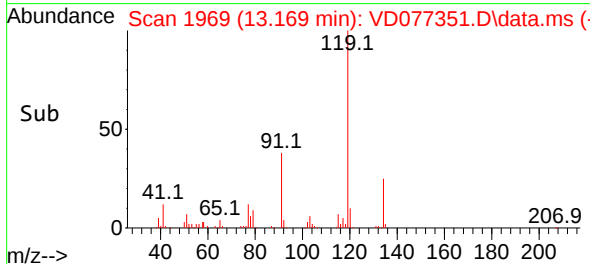
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01



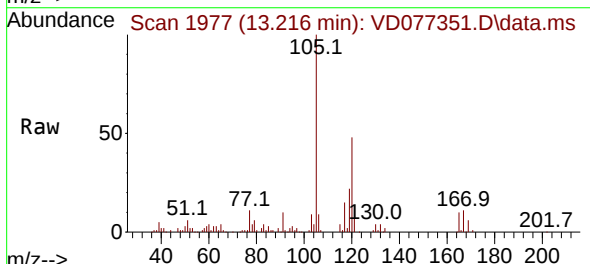
Tgt Ion:119 Resp: 13154
Ion Ratio Lower Upper
119 100
91 57.8 29.3 87.8
134 27.9 14.1 42.3

Manual Integrations
APPROVED

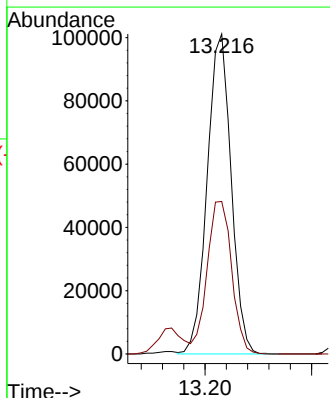
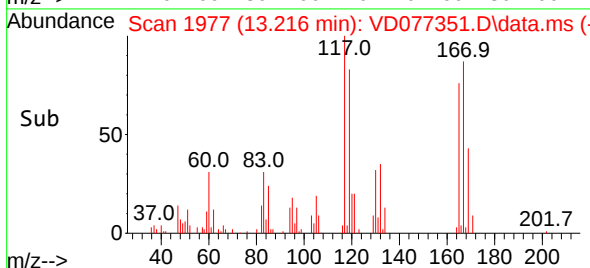
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

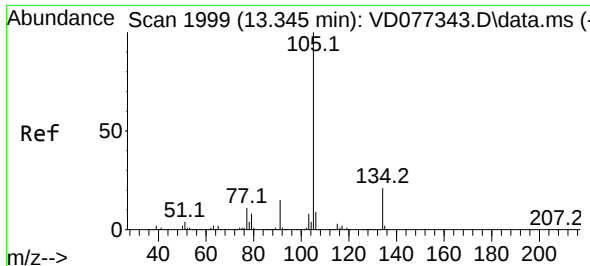


#84
1,2,4-Trimethylbenzene
Concen: 18.968 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07



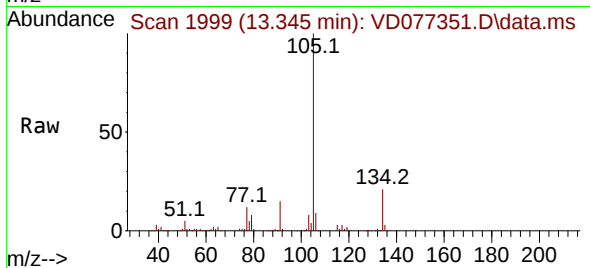
Tgt Ion:105 Resp: 157925
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 19.151 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD077351.D
 Acq: 19 Oct 2023 13:07

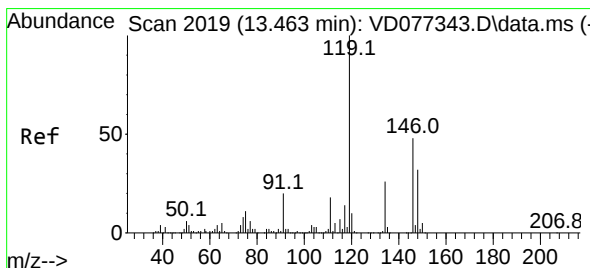
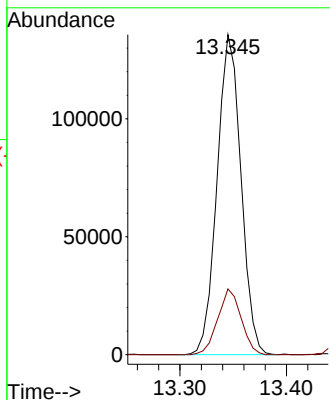
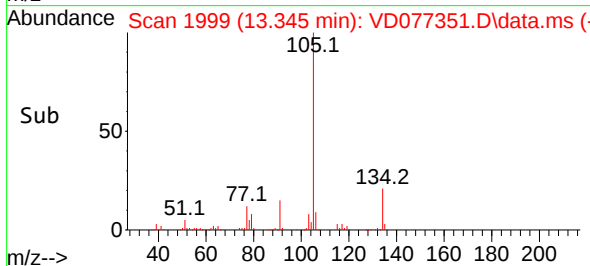
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBS01



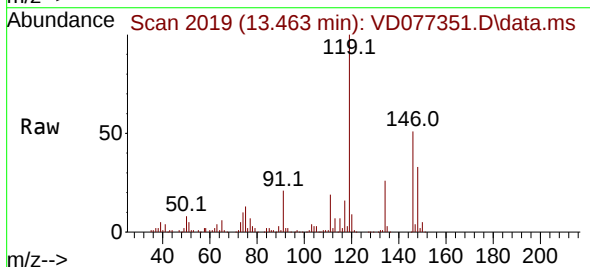
Tgt Ion:105 Resp: 211289
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.9 32.9

Manual Integrations
 APPROVED

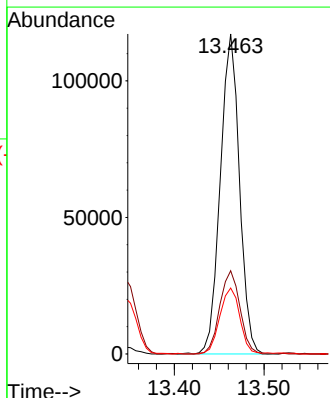
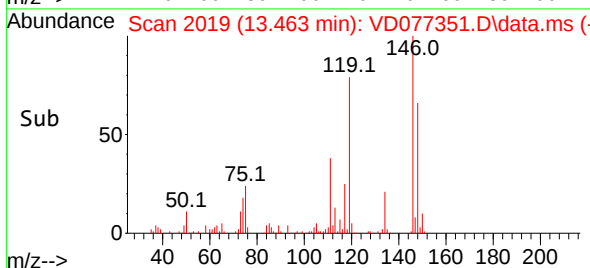
Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023

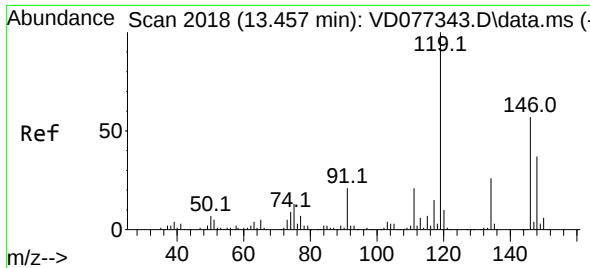


#86
 p-Isopropyltoluene
 Concen: 18.105 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077351.D
 Acq: 19 Oct 2023 13:07



Tgt Ion:119 Resp: 173532
 Ion Ratio Lower Upper
 119 100
 134 27.4 14.2 42.6
 91 21.7 10.5 31.5





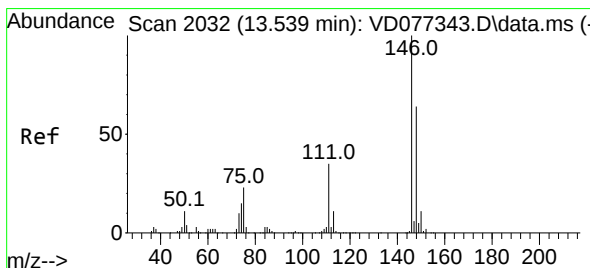
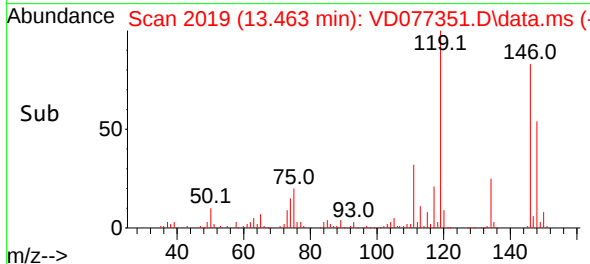
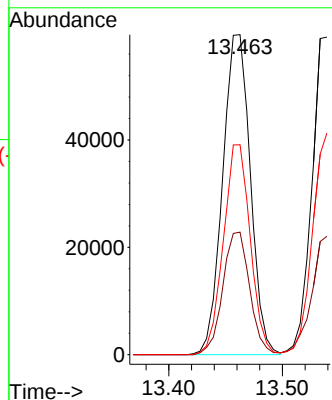
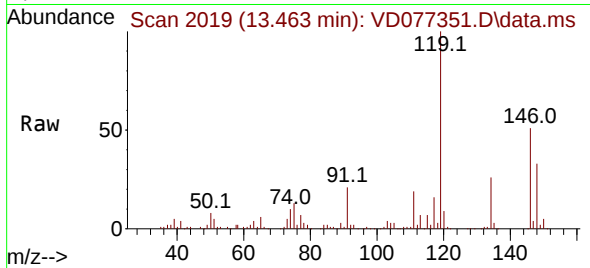
#87
1,3-Dichlorobenzene
Concen: 18.275 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

Tgt Ion:146 Resp: 10118
Ion Ratio Lower Upper
146 100
111 37.2 17.9 53.8
148 63.7 32.3 96.8

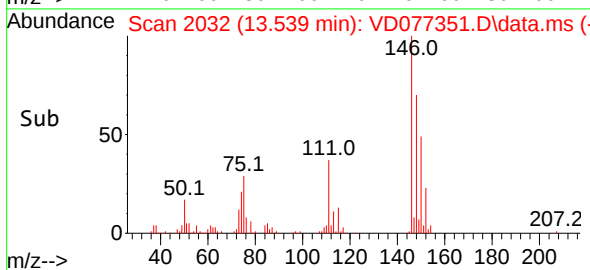
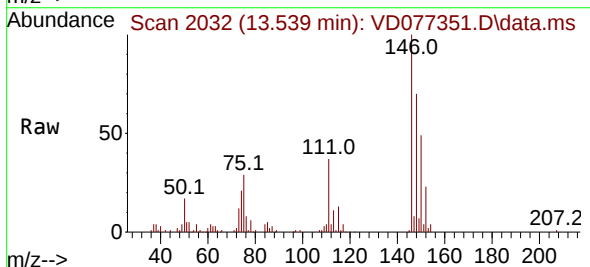
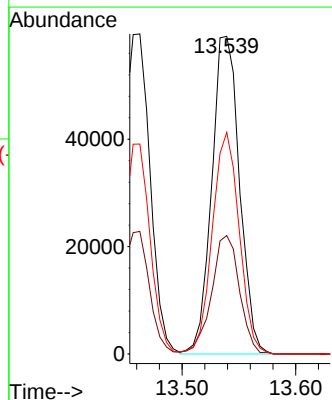
Manual Integrations
APPROVED

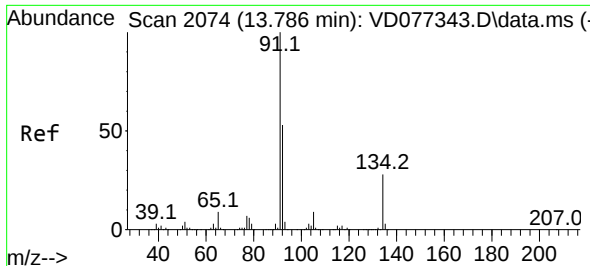
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#88
1,4-Dichlorobenzene
Concen: 18.338 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

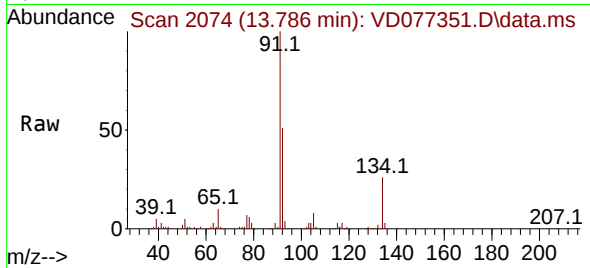
Tgt Ion:146 Resp: 100615
Ion Ratio Lower Upper
146 100
111 37.5 17.4 52.3
148 67.4 31.7 95.1





#89
n-Butylbenzene
Concen: 19.581 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

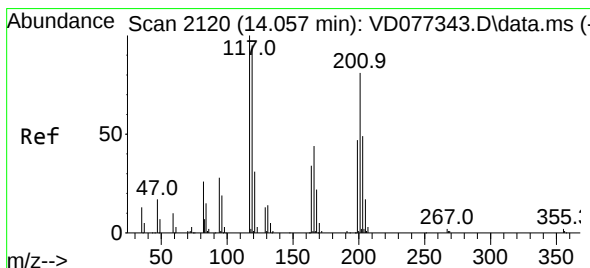
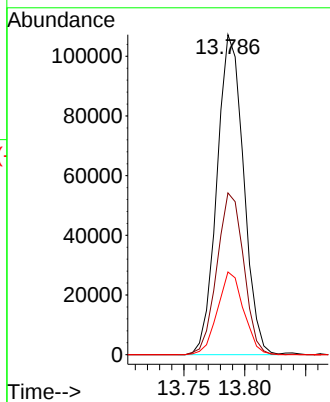
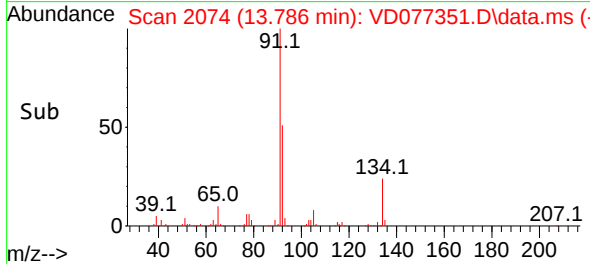
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01



Tgt Ion: 91 Resp: 163420
Ion Ratio Lower Upper
91 100
92 50.6 26.5 79.5
134 25.3 13.8 41.3

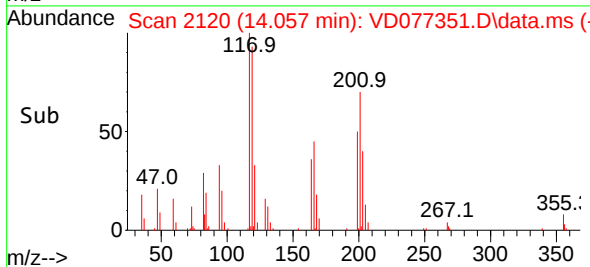
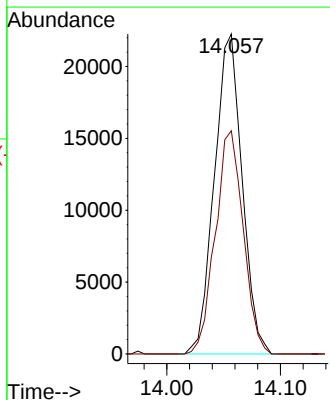
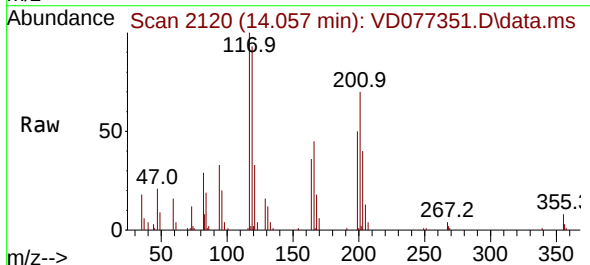
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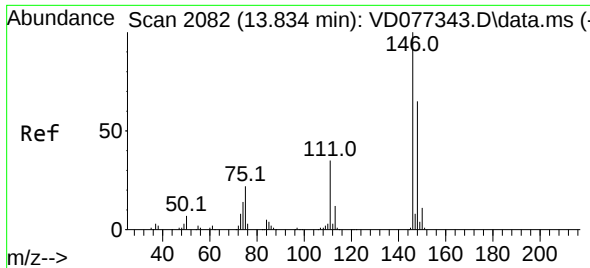
Reviewed By :John Carbone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#90
Hexachloroethane
Concen: 19.494 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

Tgt Ion:117 Resp: 37768
Ion Ratio Lower Upper
117 100
201 70.1 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 18.544 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077351.D

Acq: 19 Oct 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

Tgt Ion:146 Resp: 8673

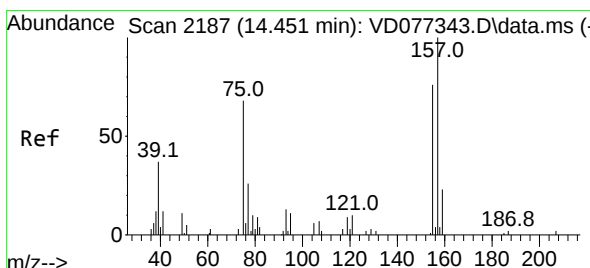
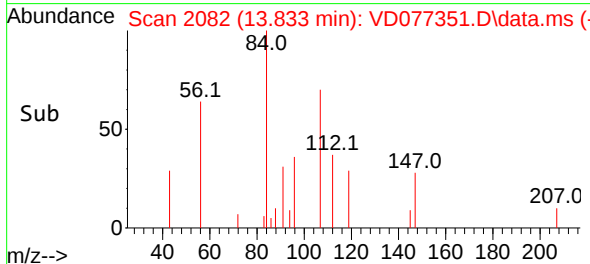
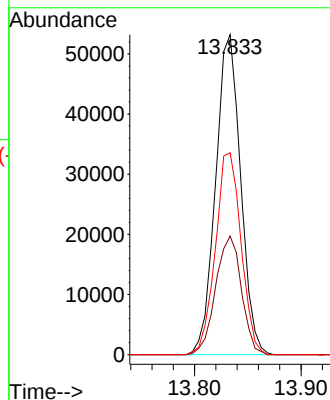
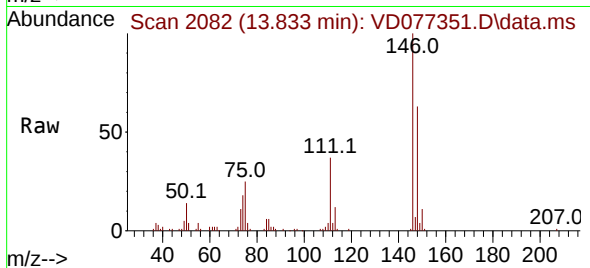
Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.3	54.8
148	64.6	31.6	94.7

Manual Integrations

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Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 27.041 ug/l

RT: 14.445 min Scan# 2186

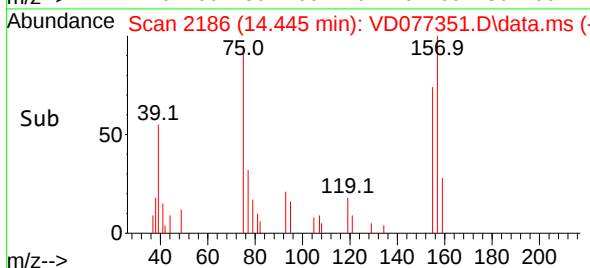
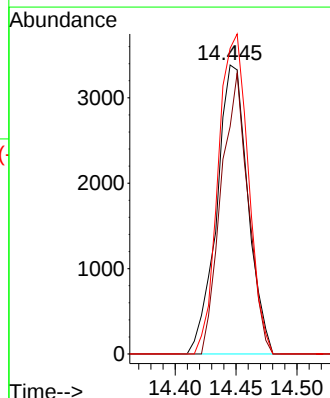
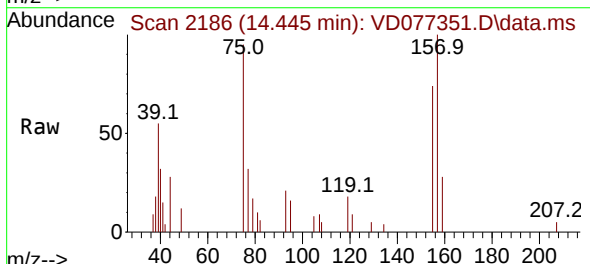
Delta R.T. -0.006 min

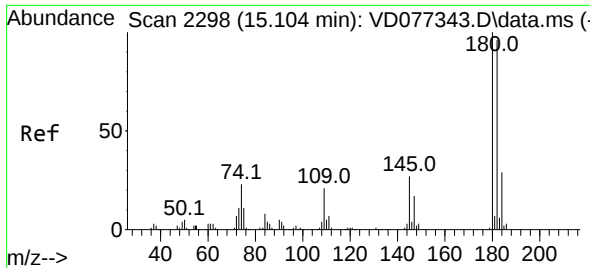
Lab File: VD077351.D

Acq: 19 Oct 2023 13:07

Tgt Ion: 75 Resp: 6027

Ion	Ratio	Lower	Upper
75	100		
155	84.1	47.9	143.8
157	106.9	59.9	179.7





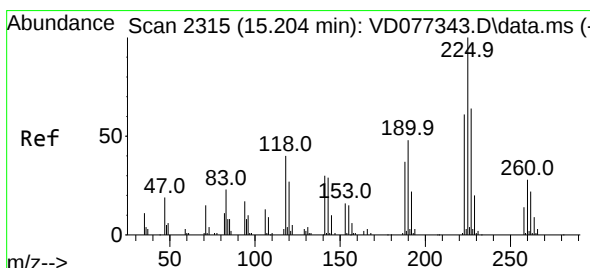
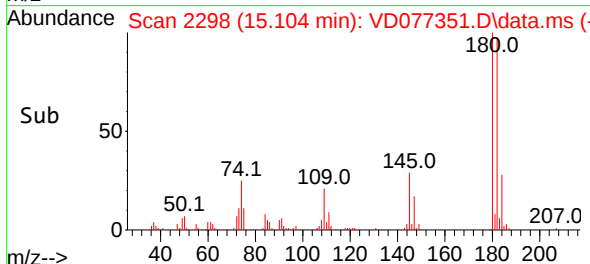
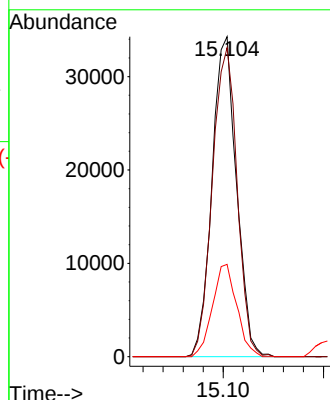
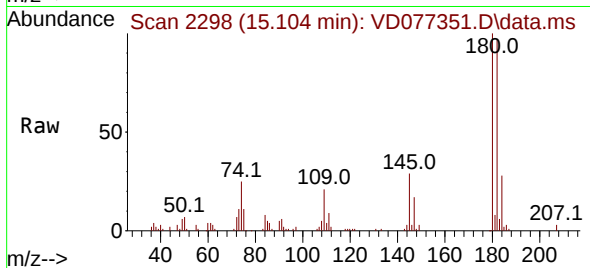
#93
1,2,4-Trichlorobenzene
Concen: 19.935 ug/l
RT: 15.104 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

Tgt Ion:180 Resp: 5809
Ion Ratio Lower Upper
180 100
182 97.5 48.5 145.6
145 28.7 14.2 42.6

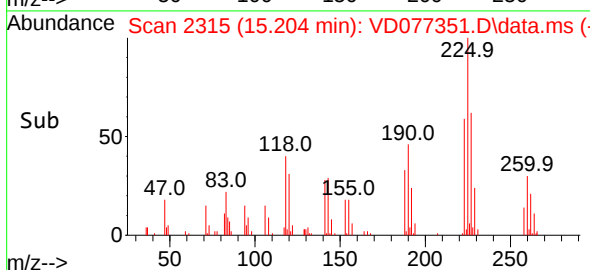
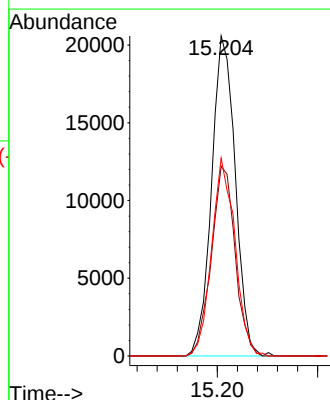
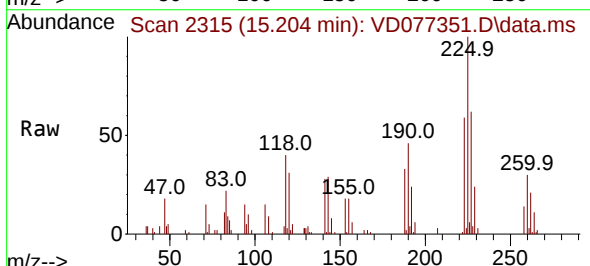
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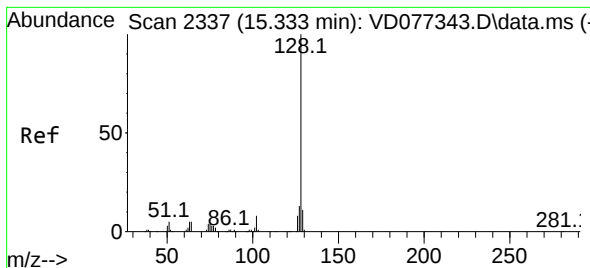
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#94
Hexachlorobutadiene
Concen: 20.380 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

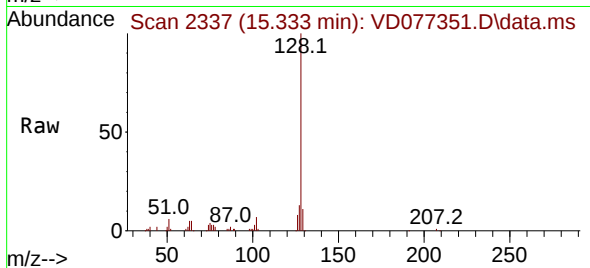
Tgt Ion:225 Resp: 33729
Ion Ratio Lower Upper
225 100
223 59.7 31.6 94.8
227 61.2 31.7 95.1





#95
Naphthalene
Concen: 22.393 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07

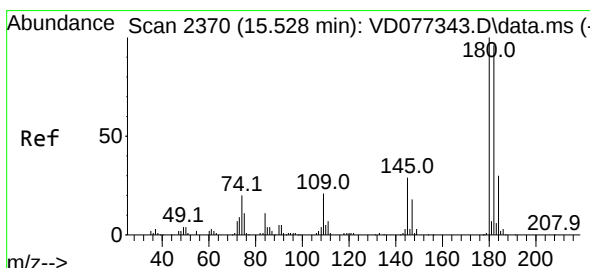
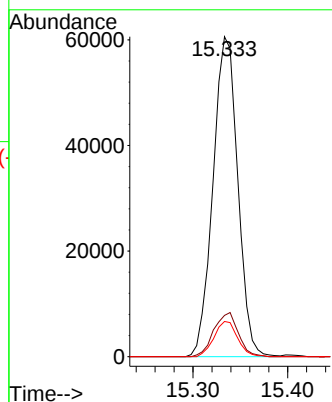
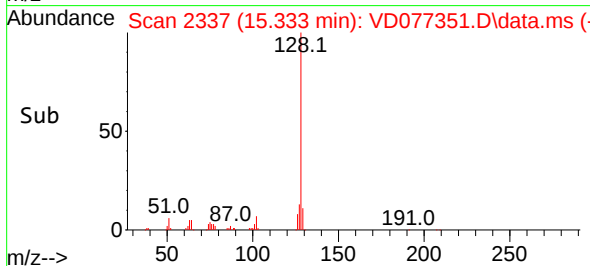
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01



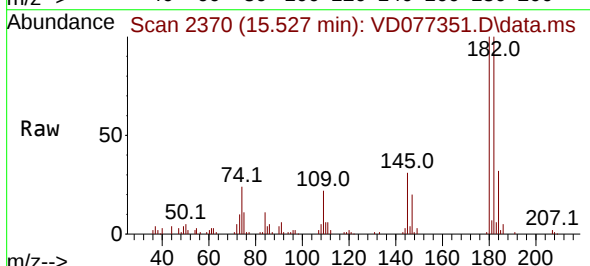
Tgt Ion:128 Resp: 110178
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 24.588 ug/l
RT: 15.527 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD077351.D
Acq: 19 Oct 2023 13:07



Tgt Ion:180 Resp: 62192
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.9
145 29.5 15.1 45.3

