

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101923\
 Data File : VD077352.D
 Acq On : 19 Oct 2023 13:42
 Operator : JC/SY
 Sample : VD1019SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 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 02:06:42 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	171453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	297564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	275698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	137362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	88301	57.676	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.360%			
35) Dibromofluoromethane	7.805	113	102248	48.910	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.820%			
50) Toluene-d8	10.269	98	383342	51.202	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.400%			
62) 4-Bromofluorobenzene	12.575	95	107282	49.780	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	39651	24.876	ug/l	88
3) Chloromethane	2.152	50	72282	22.269	ug/l	93
4) Vinyl Chloride	2.287	62	85556	22.314	ug/l	100
5) Bromomethane	2.687	94	63242	25.667	ug/l	99
6) Chloroethane	2.840	64	67706	25.119	ug/l	99
7) Trichlorofluoromethane	3.175	101	102515	26.356	ug/l	98
8) Diethyl Ether	3.593	74	31069	29.803	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.969	101	51641	25.663	ug/l	96
10) Methyl Iodide	4.164	142	52077	21.150	ug/l	93
11) Tert butyl alcohol	5.058	59	11350	131.789	ug/l	96
12) 1,1-Dichloroethene	3.940	96	51663	26.170	ug/l	95
13) Acrolein	3.793	56	24216	161.979	ug/l	95
14) Allyl chloride	4.569	41	40234	21.480	ug/l	95
15) Acrylonitrile	5.252	53	41098	130.090	ug/l	98
16) Acetone	4.016	43	43603	129.878	ug/l	97
17) Carbon Disulfide	4.275	76	142601	24.573	ug/l	99
18) Methyl Acetate	4.558	43	27770	23.767	ug/l	99
19) Methyl tert-butyl Ether	5.311	73	78237	23.268	ug/l	100
20) Methylene Chloride	4.799	84	76636	36.420	ug/l	94
21) trans-1,2-Dichloroethene	5.311	96	44848	21.843	ug/l	93
22) Diisopropyl ether	6.210	45	97266	26.453	ug/l	97
23) Vinyl Acetate	6.152	43	231128	134.135	ug/l #	91
24) 1,1-Dichloroethane	6.110	63	75174	24.590	ug/l	95
25) 2-Butanone	7.081	43	46598	133.803	ug/l	95
26) 2,2-Dichloropropane	7.075	77	65189	23.387	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	51147	22.217	ug/l	98
28) Bromochloromethane	7.422	49	30058	26.916	ug/l	85
29) Tetrahydrofuran	7.440	42	27203	135.411	ug/l	95
30) Chloroform	7.593	83	82422	23.499	ug/l	95
31) Cyclohexane	7.881	56	55754	23.407	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	68099	22.505	ug/l	98
36) 1,1-Dichloropropene	8.010	75	59316	21.594	ug/l	98
37) Ethyl Acetate	7.163	43	21396	24.797	ug/l	97
38) Carbon Tetrachloride	7.993	117	61827	20.233	ug/l	99
39) Methylcyclohexane	9.275	83	63088	18.902	ug/l	91
40) Benzene	8.252	78	179043	21.478	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	9084m	22.060	ug/l	
42) 1,2-Dichloroethane	8.328	62	44004	22.411	ug/l	96
43) Isopropyl Acetate	8.363	43	37962	24.439	ug/l #	80
44) Trichloroethene	9.028	130	47685	19.566	ug/l	94
45) 1,2-Dichloropropane	9.304	63	42247	21.986	ug/l	97
46) Dibromomethane	9.393	93	26659	22.191	ug/l	89
47) Bromodichloromethane	9.581	83	61388	21.430	ug/l	97
48) Methyl methacrylate	9.381	41	16355	23.274	ug/l	93
49) 1,4-Dioxane	9.381	88	4933	439.479	ug/l #	84
51) 4-Methyl-2-Pentanone	10.157	43	96571	124.021	ug/l	95
52) Toluene	10.334	92	115072	21.142	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	55407	21.548	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	67802	21.552	ug/l	93
55) 1,1,2-Trichloroethane	10.728	97	36748	22.086	ug/l	88
56) Ethyl methacrylate	10.598	69	34169	21.488	ug/l	95
57) 1,3-Dichloropropane	10.881	76	55201	21.597	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	98723	125.542	ug/l	98
59) 2-Hexanone	10.922	43	69865	124.926	ug/l	95
60) Dibromochloromethane	11.075	129	41519	19.542	ug/l	95
61) 1,2-Dibromoethane	11.181	107	33707	21.498	ug/l	98
64) Tetrachloroethene	10.810	164	37304	18.204	ug/l	92
65) Chlorobenzene	11.610	112	120355	20.028	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	43671	19.118	ug/l	99
67) Ethyl Benzene	11.687	91	197844	19.861	ug/l	97
68) m/p-Xylenes	11.793	106	163669	40.010	ug/l	94
69) o-Xylene	12.122	106	74268	19.722	ug/l	96
70) Styrene	12.134	104	129063	20.088	ug/l	99
71) Bromoform	12.298	173	24912	19.894	ug/l #	97
73) Isopropylbenzene	12.422	105	187133	20.596	ug/l	96
74) N-amyl acetate	12.234	43	33918	25.950	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	40994	24.829	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	31552m	18.732	ug/l	
77) Bromobenzene	12.698	156	46195	19.366	ug/l	93
78) n-propylbenzene	12.763	91	239276	21.867	ug/l	97
79) 2-Chlorotoluene	12.851	91	129116	21.664	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	159343	21.252	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.475	75	12186	23.771	ug/l	97
82) 4-Chlorotoluene	12.945	91	137220	22.114	ug/l	99
83) tert-Butylbenzene	13.169	119	134625	20.252	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	159570	21.138	ug/l	96
85) sec-Butylbenzene	13.345	105	208966	20.890	ug/l	94
86) p-Isopropyltoluene	13.463	119	171863	19.777	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	99746	19.870	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	102231	20.551	ug/l	99
89) n-Butylbenzene	13.787	91	161121	21.293	ug/l	98
90) Hexachloroethane	14.051	117	36962	21.042	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	85583	20.182	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5332	26.385	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	48455	18.340	ug/l	96
94) Hexachlorobutadiene	15.204	225	24839	16.554	ug/l	99
95) Naphthalene	15.334	128	86450	19.380	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	43235	18.853	ug/l	98

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ClientSampleId :
VD1019SBSD01

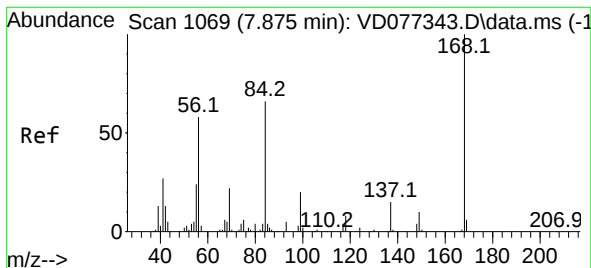
Manual Integrations
APPROVED

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

Quant Time: Oct 20 02:06:42 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBSD01

Tgt Ion:168 Resp: 17145

Ion Ratio Lower Upper

168 100

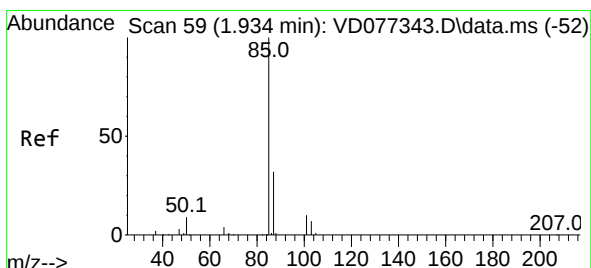
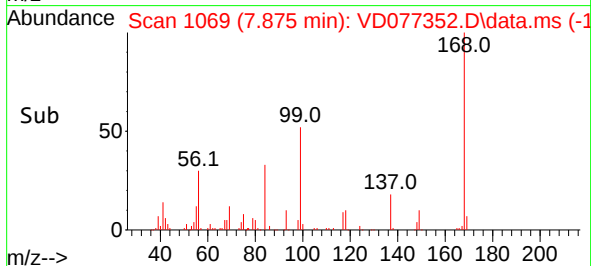
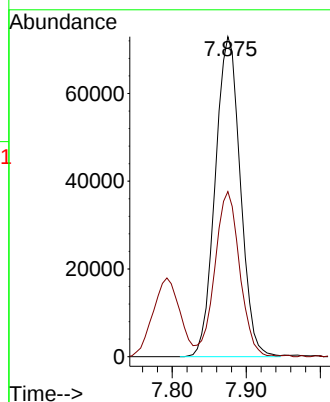
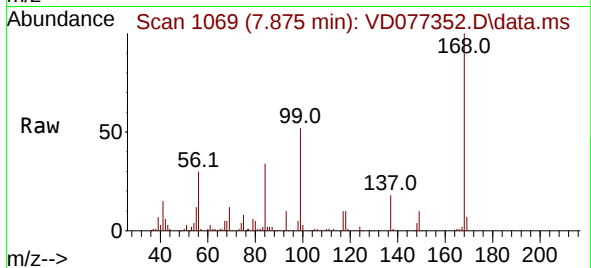
99 51.3 36.7 55.1

Manual Integrations

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Reviewed By :John Carlone 10/20/2023

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#2

Dichlorodifluoromethane

Concen: 24.876 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077352.D

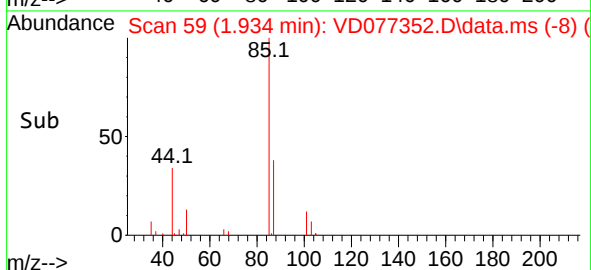
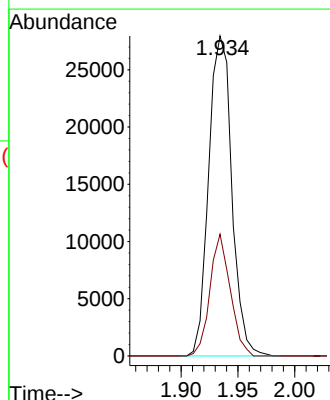
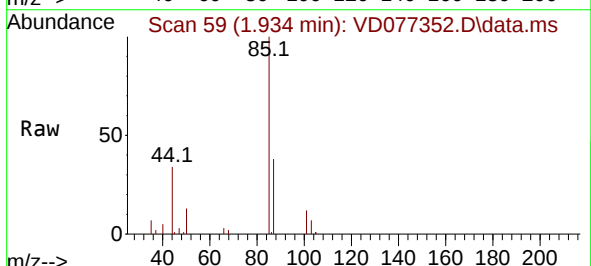
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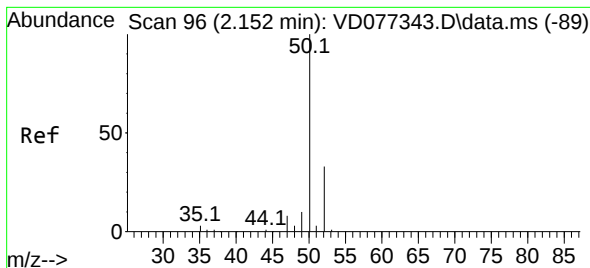
Tgt Ion: 85 Resp: 39651

Ion Ratio Lower Upper

85 100

87 38.1 15.7 47.0





#3

Chloromethane

Concen: 22.269 ug/l

RT: 2.152 min Scan# 96

Delta R.T. -0.000 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

Tgt Ion: 50 Resp: 7228

Ion Ratio Lower Upper

50 100

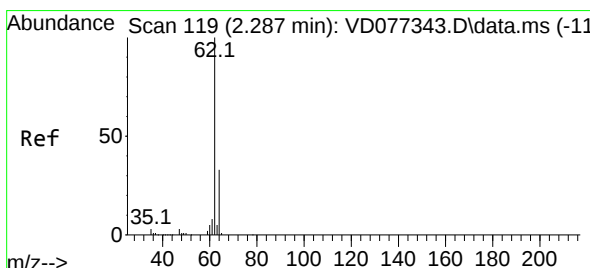
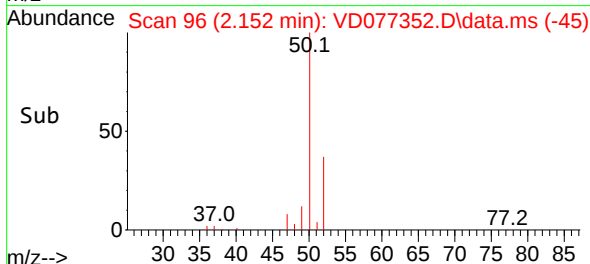
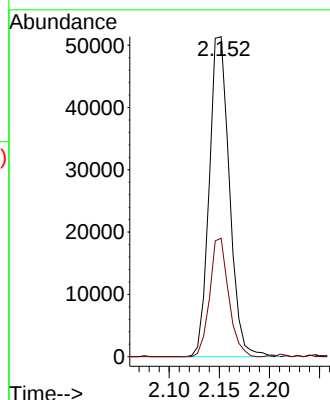
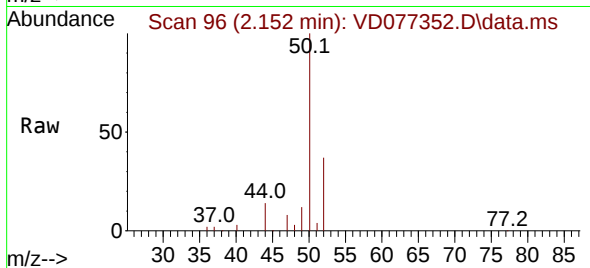
52 37.0 26.6 40.0

Manual Integrations

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Supervised By :Semsettin Yesilyurt 10/20/2023



#4

Vinyl Chloride

Concen: 22.314 ug/l

RT: 2.287 min Scan# 119

Delta R.T. 0.000 min

Lab File: VD077352.D

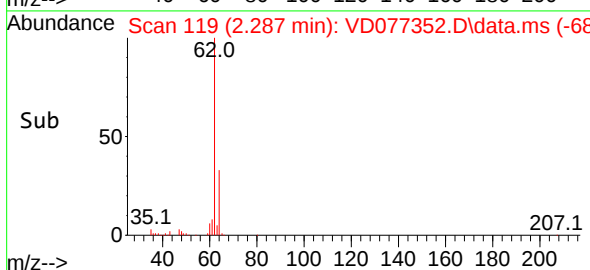
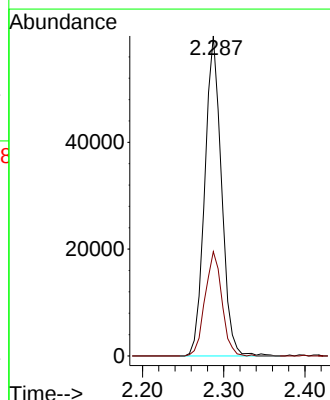
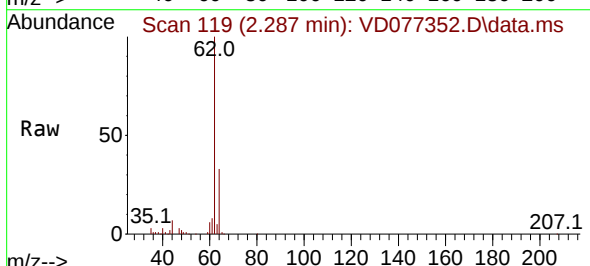
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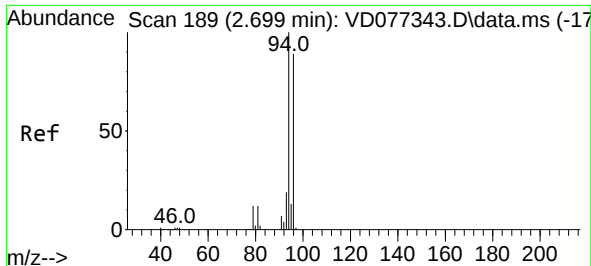
Tgt Ion: 62 Resp: 85556

Ion Ratio Lower Upper

62 100

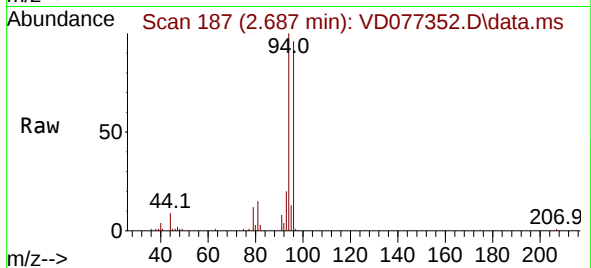
64 32.6 26.0 39.0





#5
Bromomethane
Concen: 25.667 ug/l
RT: 2.687 min Scan# 187
Delta R.T. -0.012 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

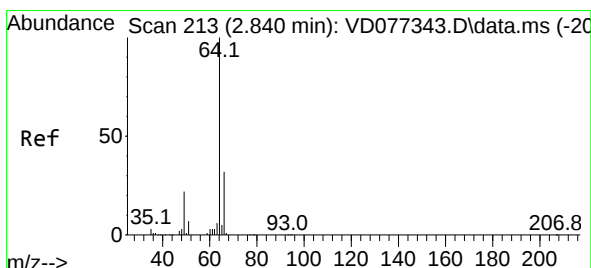
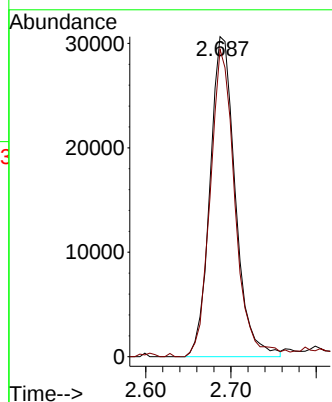
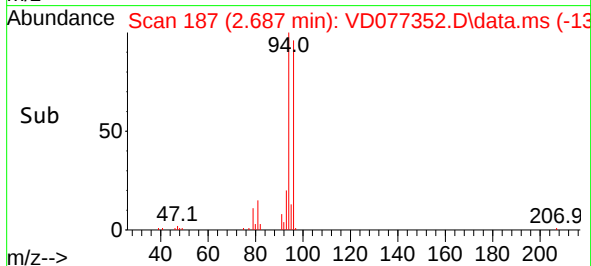
Instrument :
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Tgt Ion: 94 Resp: 6324
Ion Ratio Lower Upper
94 100
96 94.1 75.8 113.8

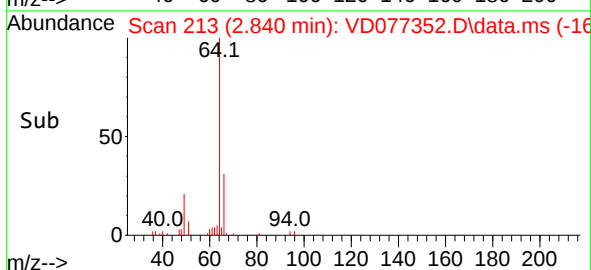
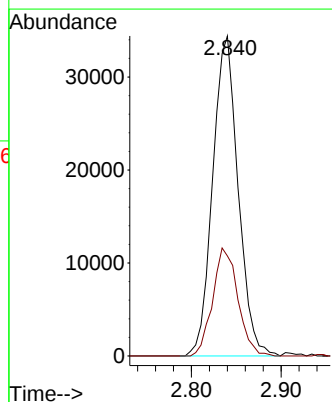
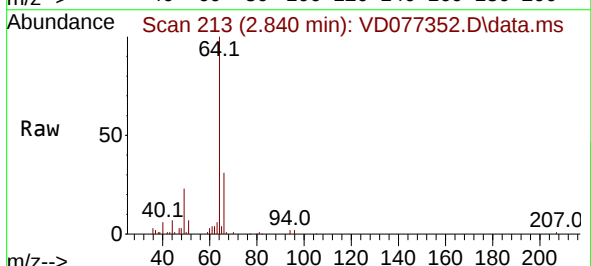
Manual Integrations
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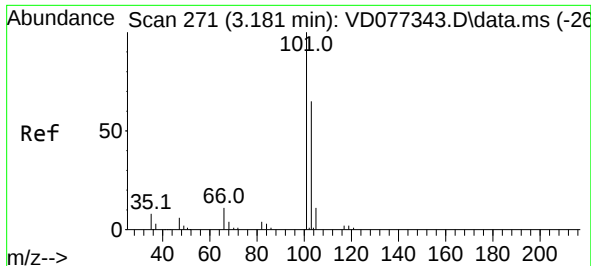
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#6
Chloroethane
Concen: 25.119 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion: 64 Resp: 67706
Ion Ratio Lower Upper
64 100
66 31.3 25.5 38.3





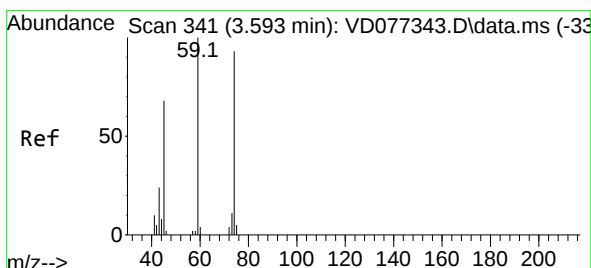
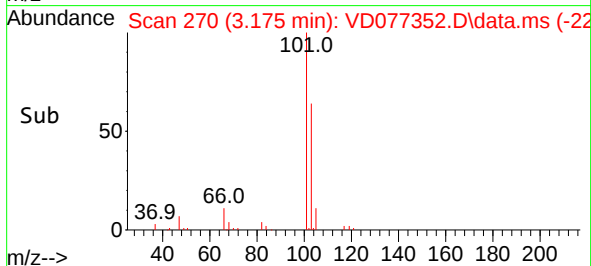
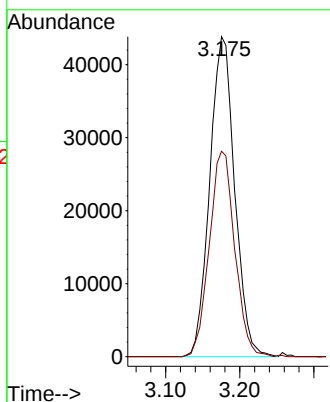
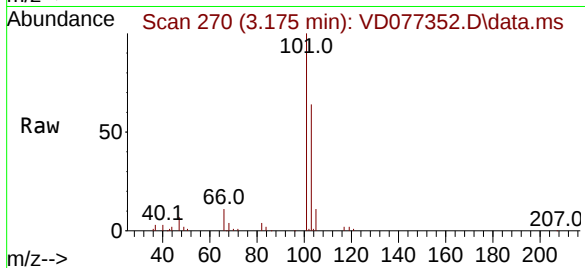
#7
Trichlorofluoromethane
Concen: 26.356 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

Tgt Ion:101 Resp: 10251
Ion Ratio Lower Upper
101 100
103 64.2 52.3 78.5

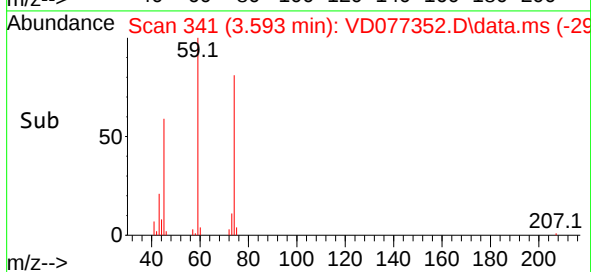
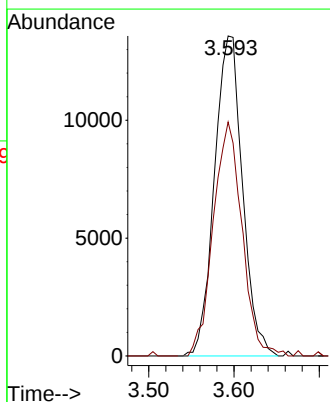
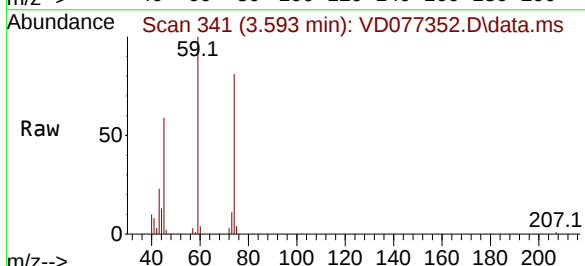
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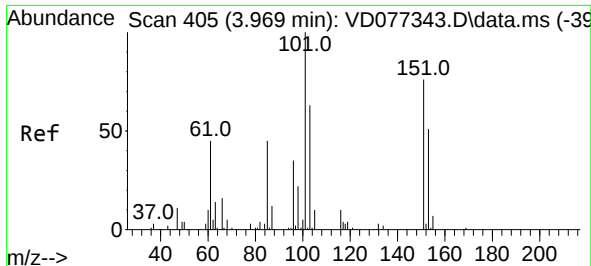
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#8
Diethyl Ether
Concen: 29.803 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion: 74 Resp: 31069
Ion Ratio Lower Upper
74 100
45 74.9 37.5 112.7





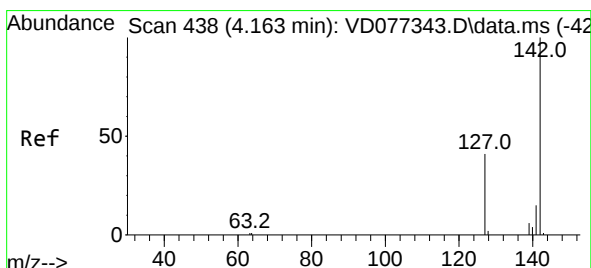
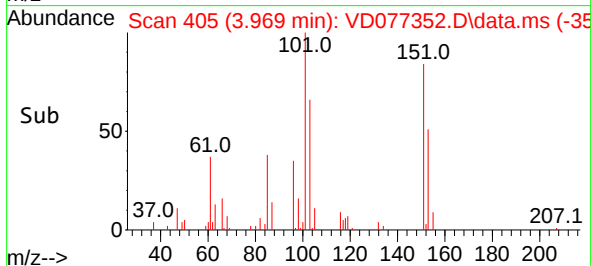
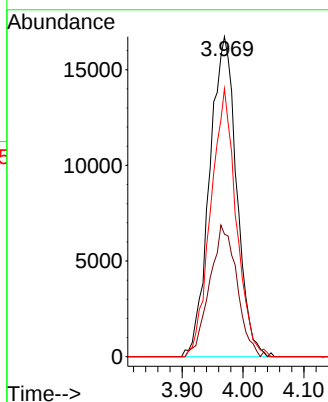
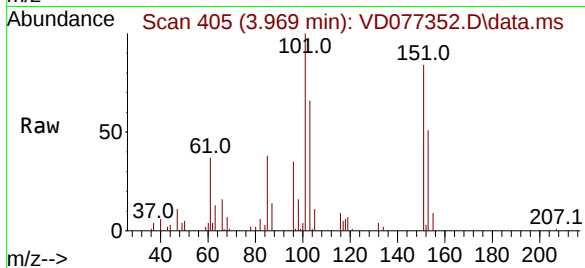
#9
1,1,2-Trichlorotrifluoroethane
Concen: 25.663 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Instrument :
MSVOA_D
Client Sample Id :
VD1019SBSD01

Tgt Ion:101 Resp: 5164
Ion Ratio Lower Upper
101 100
85 41.5 33.8 50.6
151 78.9 59.8 89.6

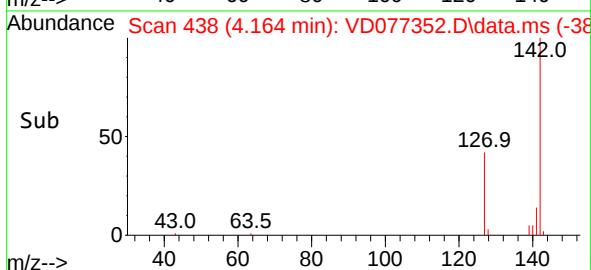
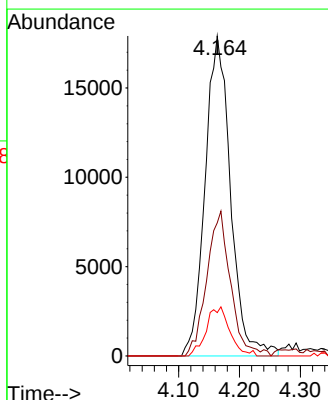
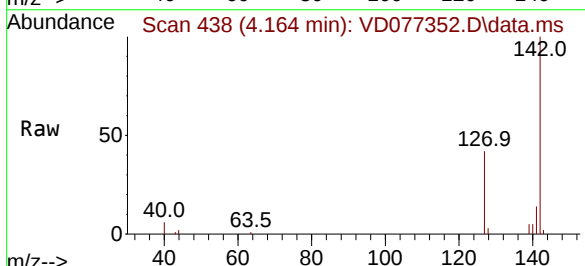
Manual Integrations
APPROVED

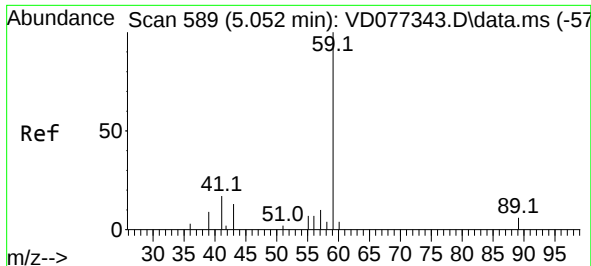
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#10
Methyl Iodide
Concen: 21.150 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.001 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

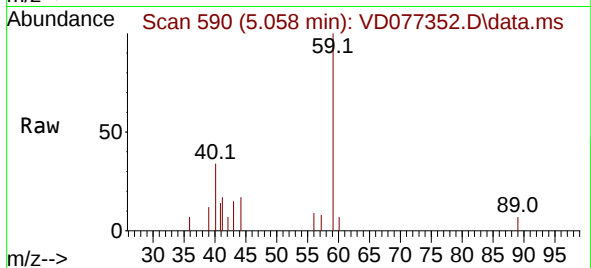
Tgt Ion:142 Resp: 52077
Ion Ratio Lower Upper
142 100
127 42.3 29.4 44.0
141 14.2 11.1 16.7





#11
Tert butyl alcohol
Concen: 131.789 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.006 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

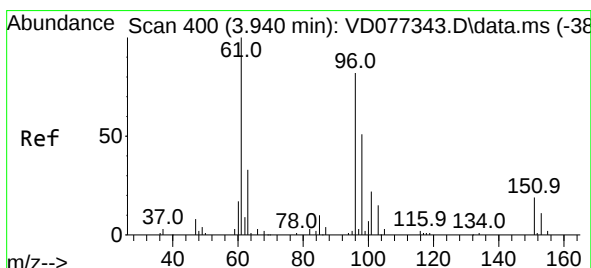
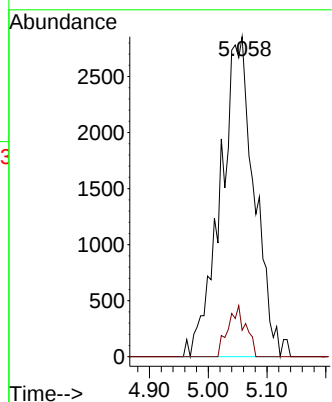
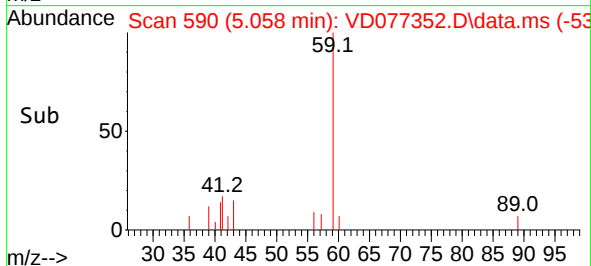
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01



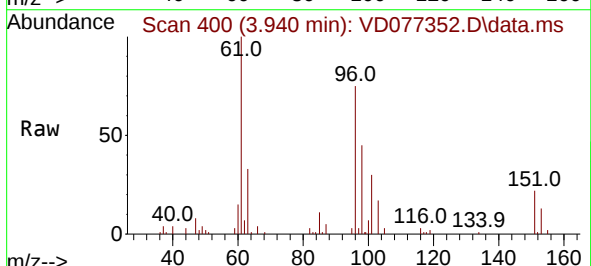
Tgt Ion: 59 Resp: 11350
Ion Ratio Lower Upper
59 100
57 8.4 7.8 11.8

Manual Integrations
APPROVED

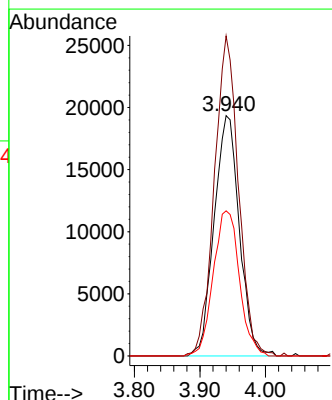
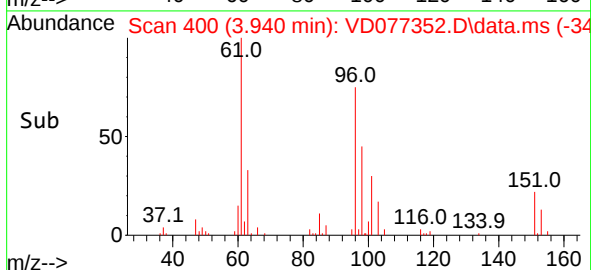
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

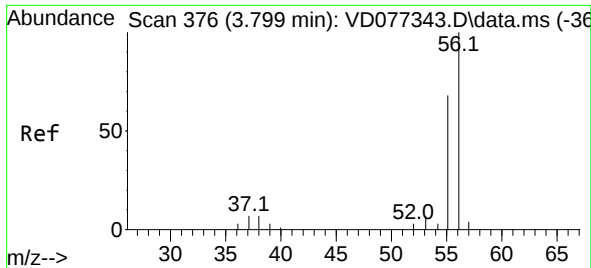


#12
1,1-Dichloroethene
Concen: 26.170 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42



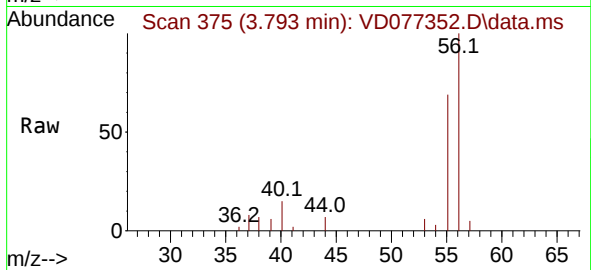
Tgt Ion: 96 Resp: 51663
Ion Ratio Lower Upper
96 100
61 133.2 100.6 150.8
98 60.4 50.2 75.2





#13
Acrolein
Concen: 161.979 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

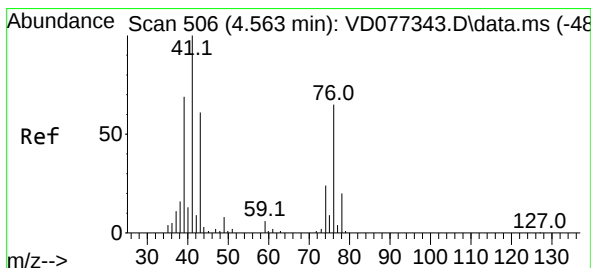
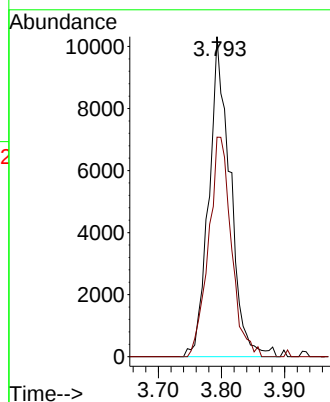
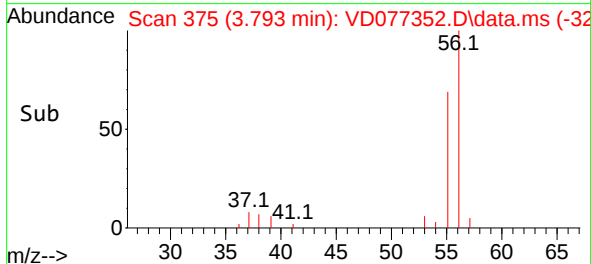
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01



Tgt Ion: 56 Resp: 24210
Ion Ratio Lower Upper
56 100
55 73.1 55.1 82.7

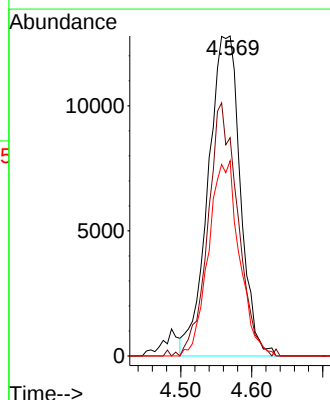
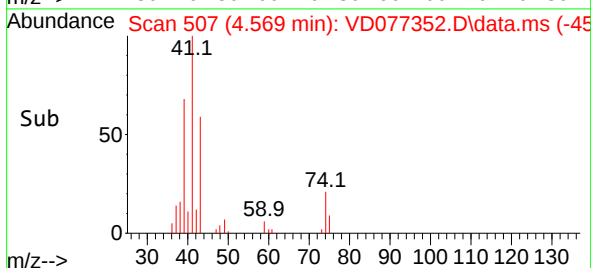
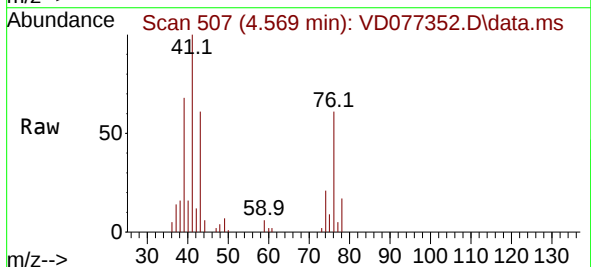
Manual Integrations
APPROVED

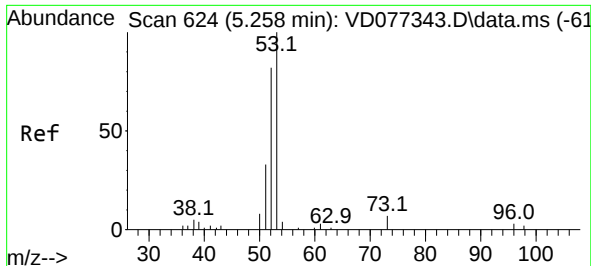
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#14
Allyl chloride
Concen: 21.480 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

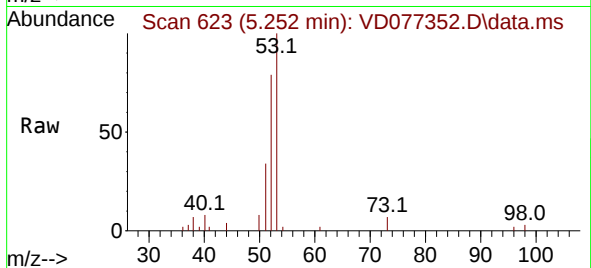
Tgt Ion: 41 Resp: 40234
Ion Ratio Lower Upper
41 100
39 72.9 53.8 80.6
76 58.4 45.8 68.8





#15
Acrylonitrile
Concen: 130.090 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

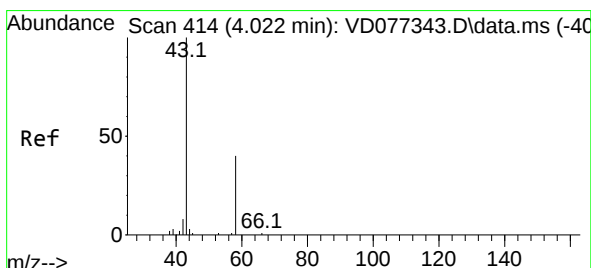
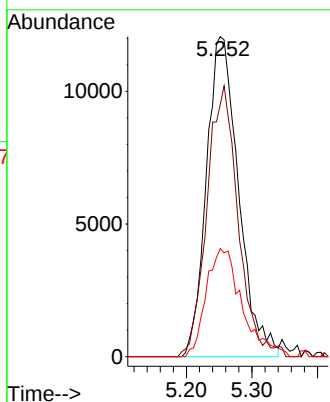
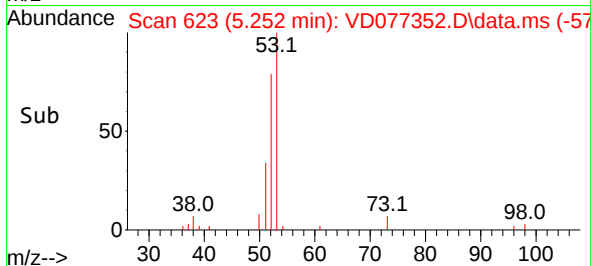
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01



Tgt Ion: 53 Resp: 41098
Ion Ratio Lower Upper
53 100
52 82.1 65.0 97.4
51 37.6 28.3 42.5

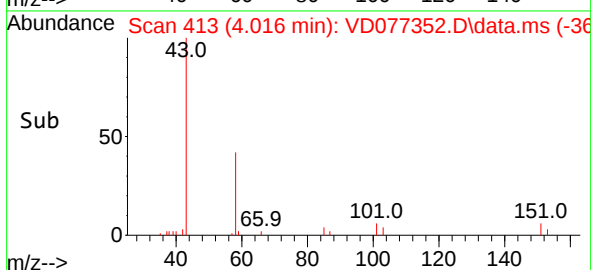
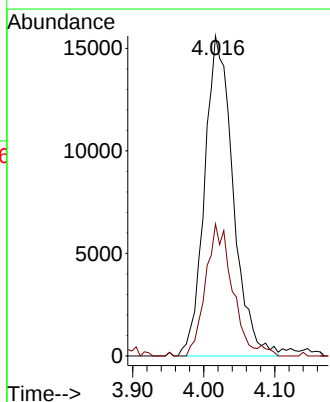
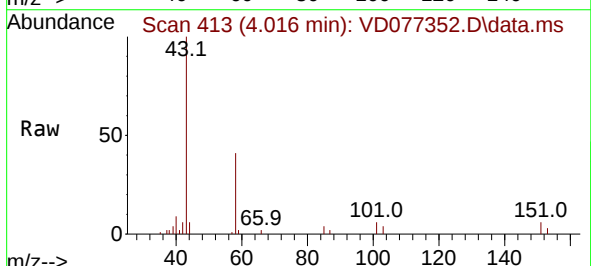
Manual Integrations
APPROVED

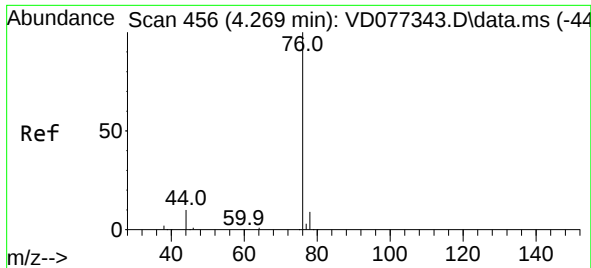
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#16
Acetone
Concen: 129.878 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion: 43 Resp: 43603
Ion Ratio Lower Upper
43 100
58 41.3 34.7 52.1





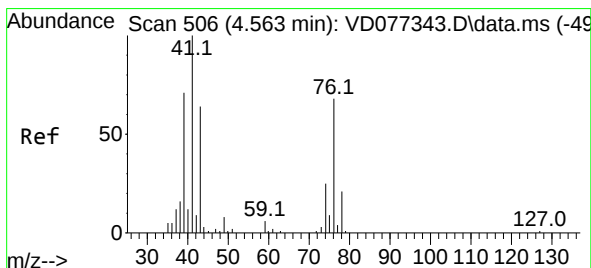
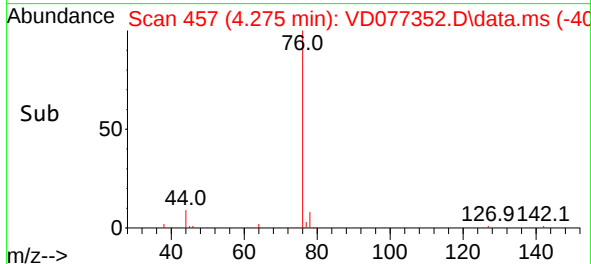
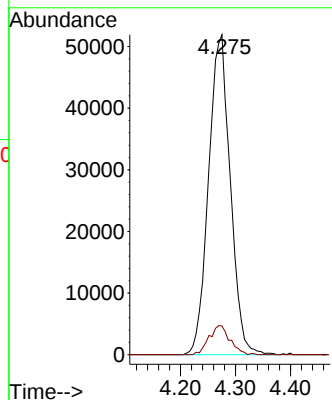
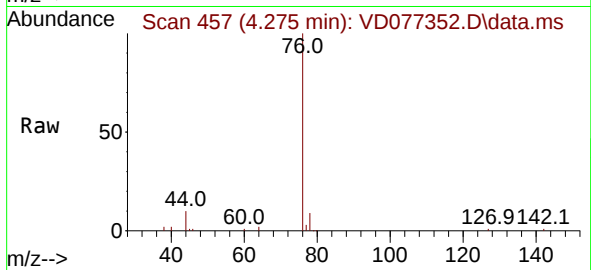
#17
Carbon Disulfide
Concen: 24.573 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

Tgt Ion: 76 Resp: 14260
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2

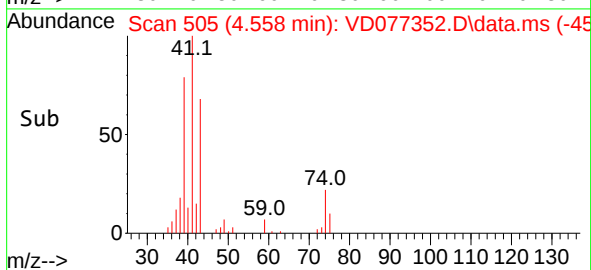
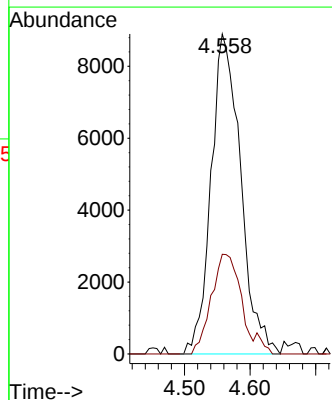
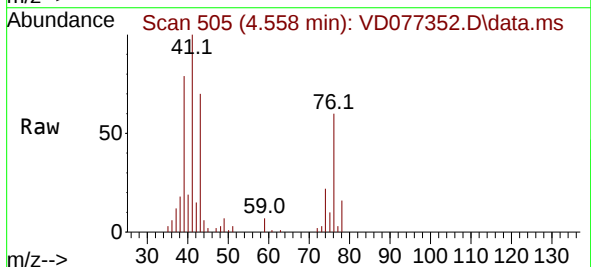
Manual Integrations
APPROVED

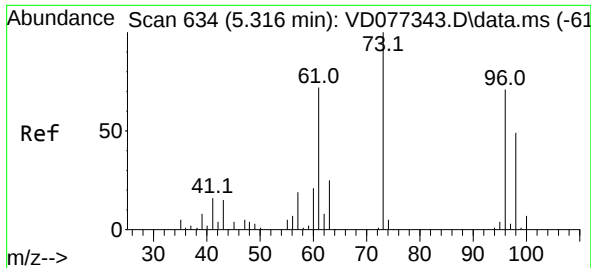
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#18
Methyl Acetate
Concen: 23.767 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion: 43 Resp: 27770
Ion Ratio Lower Upper
43 100
74 32.3 26.4 39.6





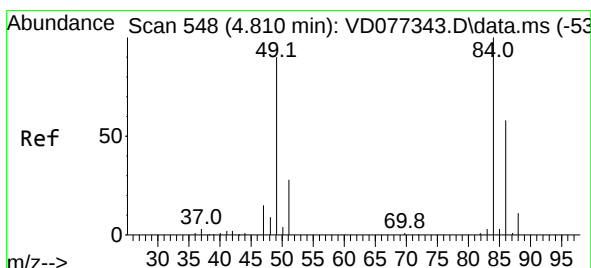
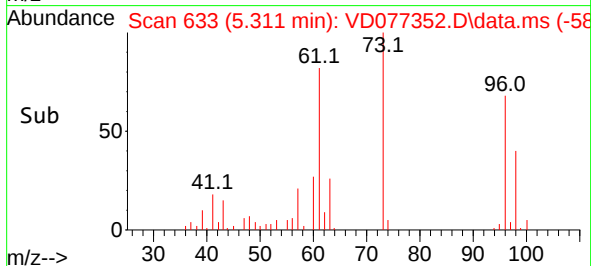
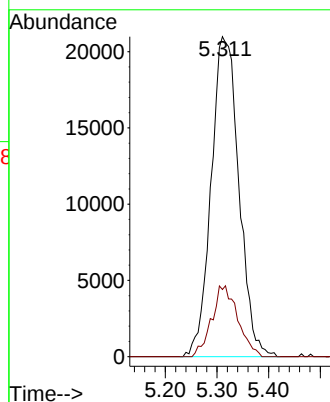
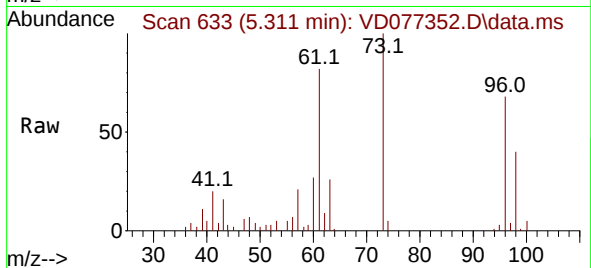
#19
Methyl tert-butyl Ether
Concen: 23.268 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

Tgt Ion: 73 Resp: 7823
Ion Ratio Lower Upper
73 100
57 21.0 16.6 25.0

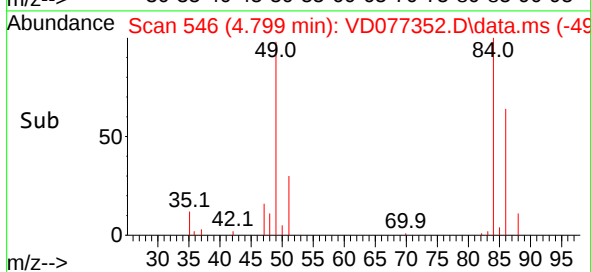
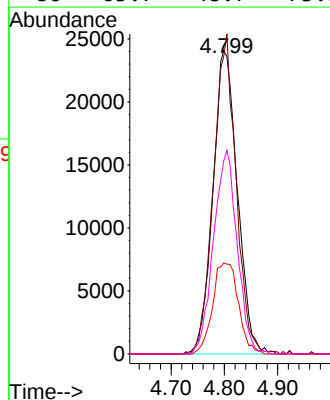
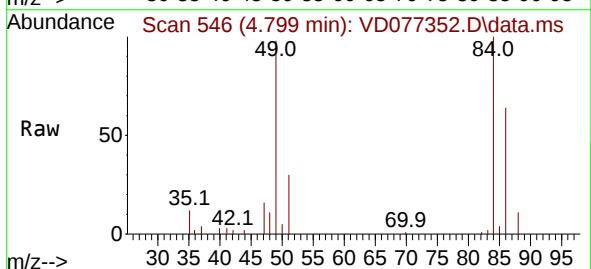
Manual Integrations
APPROVED

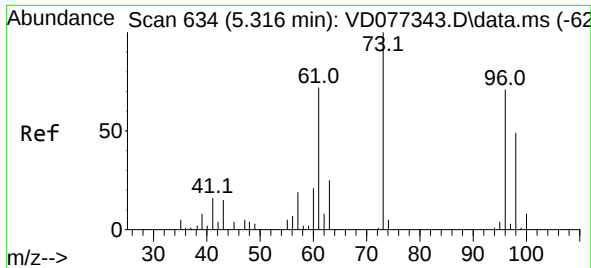
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#20
Methylene Chloride
Concen: 36.420 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.011 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

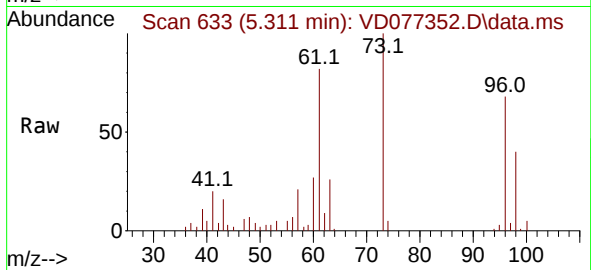
Tgt Ion: 84 Resp: 76636
Ion Ratio Lower Upper
84 100
49 98.0 71.4 107.2
51 30.0 24.5 36.7
86 63.7 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 21.843 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

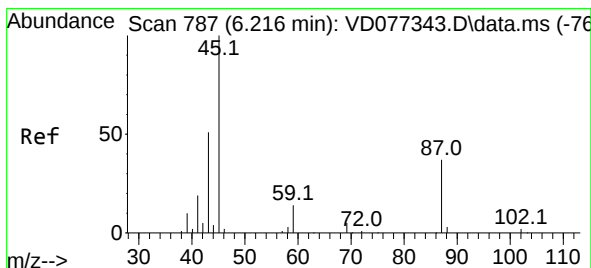
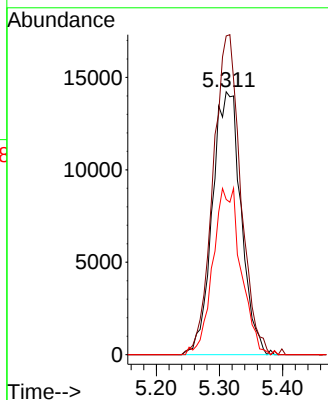
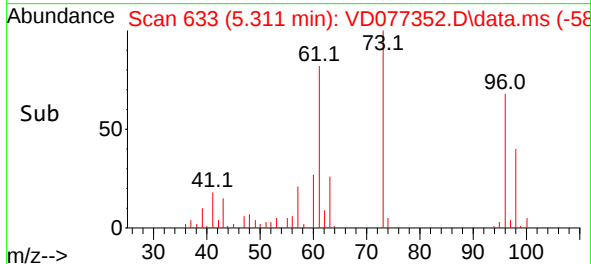
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01



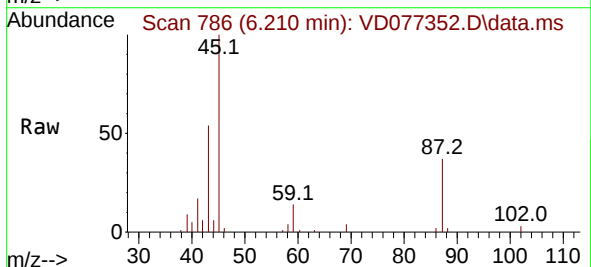
Tgt Ion: 96 Resp: 44848
Ion Ratio Lower Upper
96 100
61 121.2 89.3 133.9
98 59.1 48.6 73.0

Manual Integrations
APPROVED

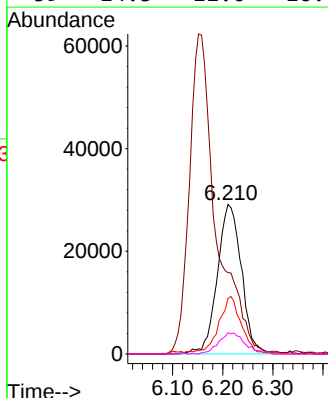
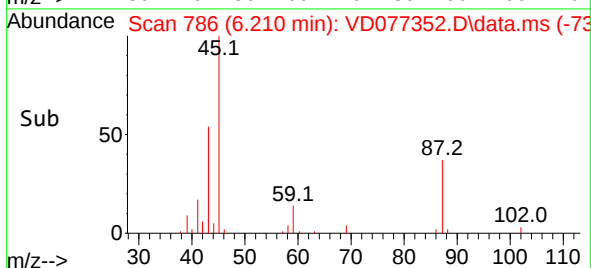
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

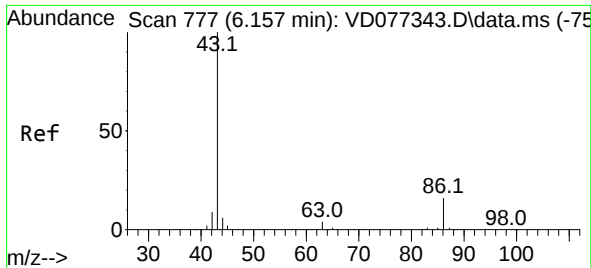


#22
Diisopropyl ether
Concen: 26.453 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42



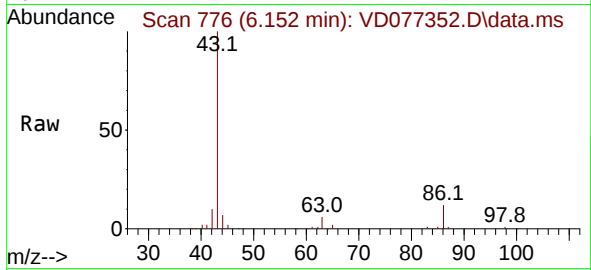
Tgt Ion: 45 Resp: 97266
Ion Ratio Lower Upper
45 100
43 52.8 40.0 60.0
87 37.1 28.2 42.4
59 14.3 11.0 16.4





#23
 Vinyl Acetate
 Concen: 134.135 ug/l
 RT: 6.152 min Scan# 712
 Delta R.T. -0.005 min
 Lab File: VD077352.D
 Acq: 19 Oct 2023 13:42

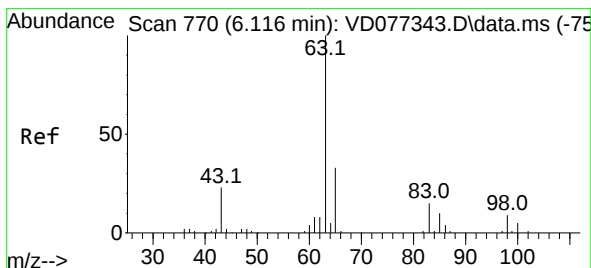
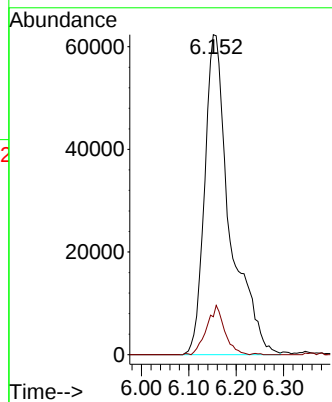
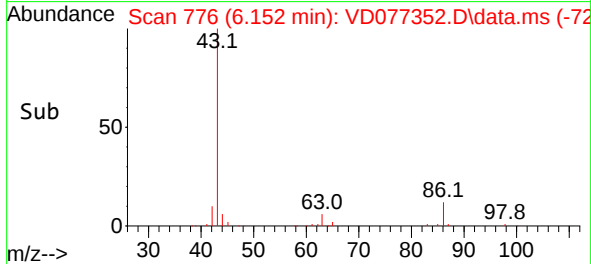
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBS01



Tgt Ion: 43 Resp: 231128
 Ion Ratio Lower Upper
 43 100
 86 11.8 12.5 18.7

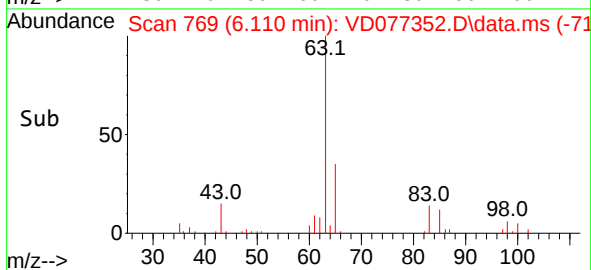
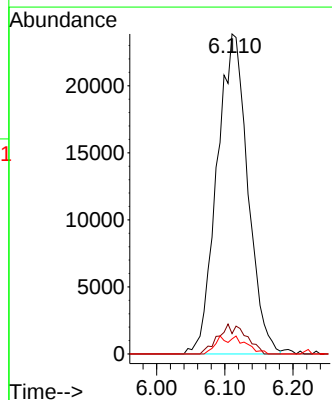
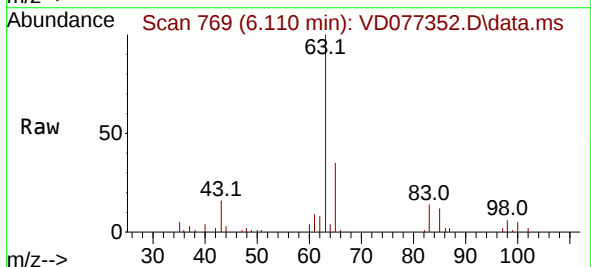
Manual Integrations
 APPROVED

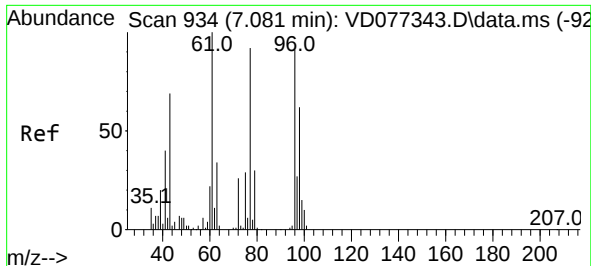
Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#24
 1,1-Dichloroethane
 Concen: 24.590 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD077352.D
 Acq: 19 Oct 2023 13:42

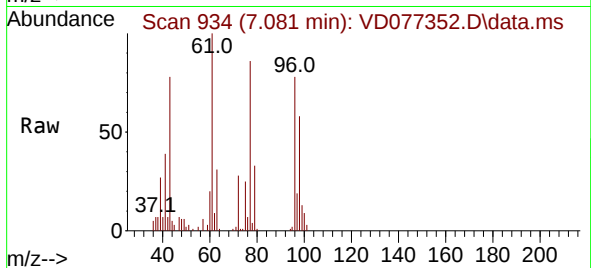
Tgt Ion: 63 Resp: 75174
 Ion Ratio Lower Upper
 63 100
 98 6.3 4.5 13.7
 100 4.7 2.5 7.5





#25
2-Butanone
Concen: 133.803 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

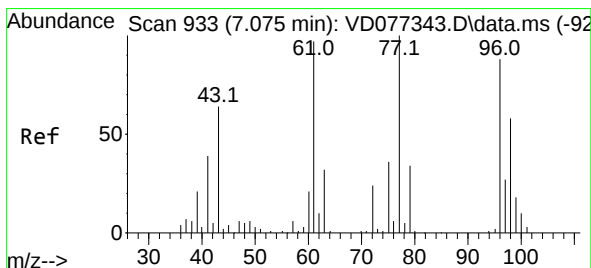
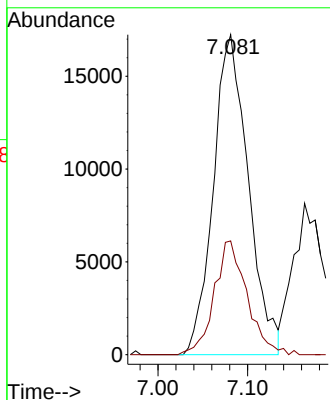
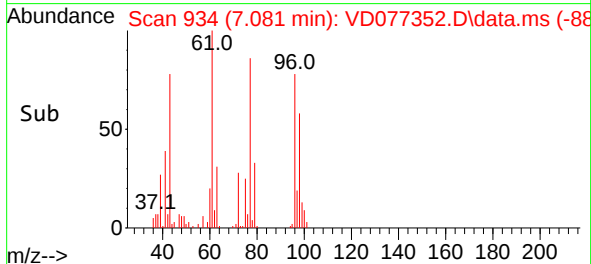
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01



Tgt Ion: 43 Resp: 46598
Ion Ratio Lower Upper
43 100
72 35.6 30.7 46.1

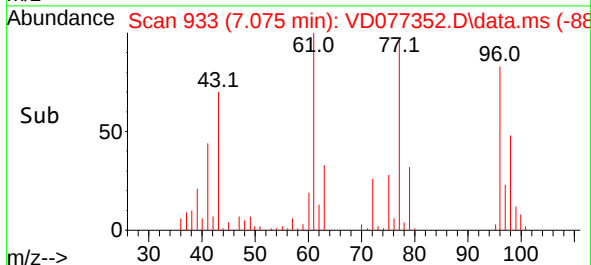
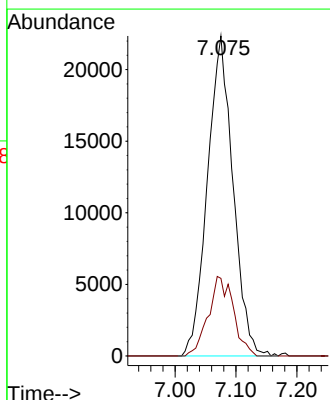
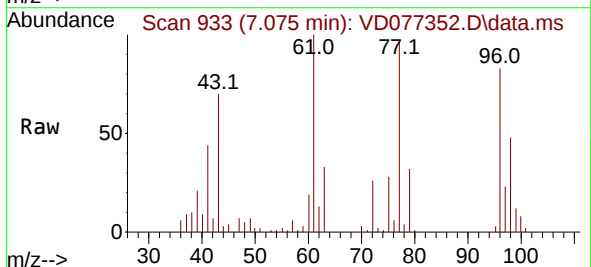
Manual Integrations
APPROVED

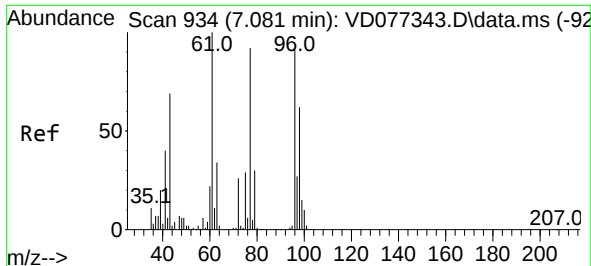
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#26
2,2-Dichloropropane
Concen: 23.387 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

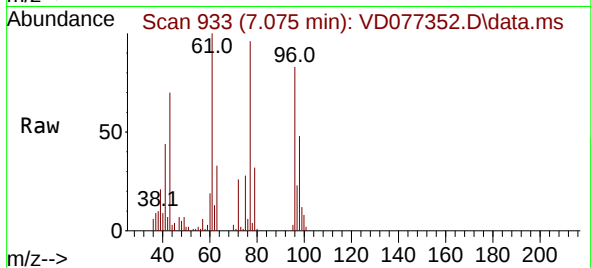
Tgt Ion: 77 Resp: 65189
Ion Ratio Lower Upper
77 100
97 24.3 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 22.217 ug/l
 RT: 7.075 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VD077352.D
 Acq: 19 Oct 2023 13:42

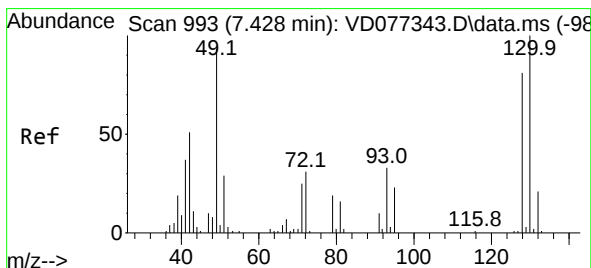
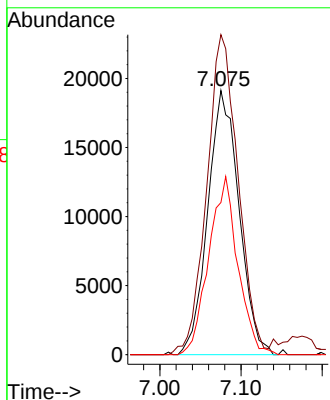
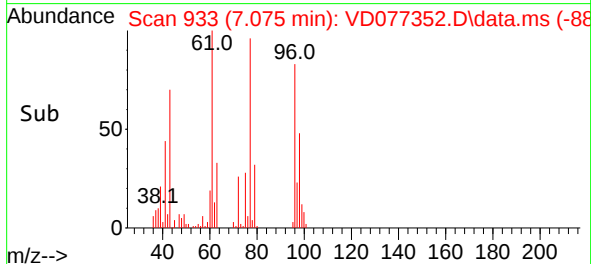
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBS01



Tgt Ion: 96 Resp: 5114
 Ion Ratio Lower Upper
 96 100
 61 121.5 0.0 239.2
 98 62.6 0.0 128.6

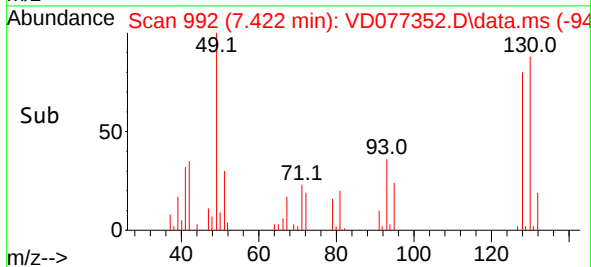
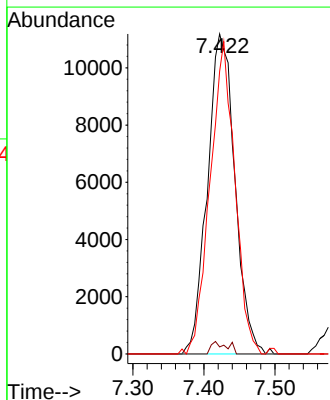
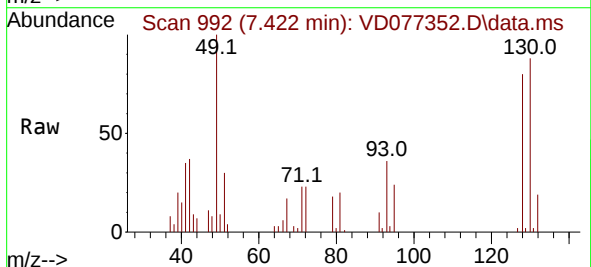
Manual Integrations
 APPROVED

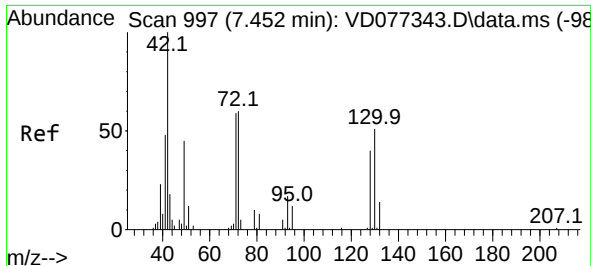
Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#28
 Bromochloromethane
 Concen: 26.916 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD077352.D
 Acq: 19 Oct 2023 13:42

Tgt Ion: 49 Resp: 30058
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 6.0
 130 88.2 83.2 124.8





#29

Tetrahydrofuran

Concen: 135.411 ug/l

RT: 7.440 min Scan# 997

Delta R.T. -0.012 min

Lab File: VD077352.D

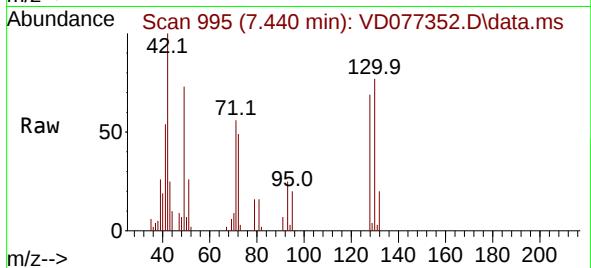
Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

ClientSampleId :

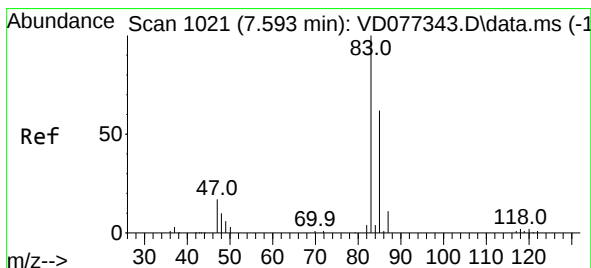
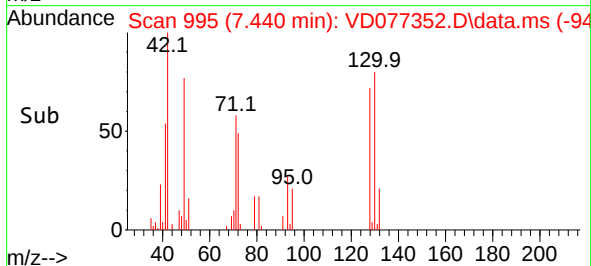
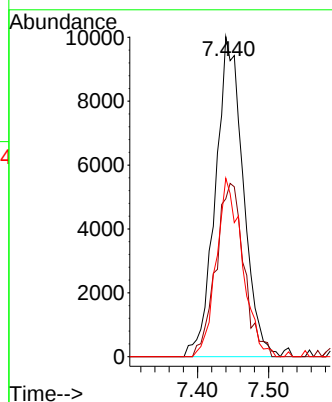
VD1019SBSD01



Tgt Ion:	42	Resp:	2720
Ion Ratio	Lower	Upper	
42	100		
72	54.8	46.5	69.7
71	52.2	44.5	66.7

Manual Integrations
APPROVED

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



#30

Chloroform

Concen: 23.499 ug/l

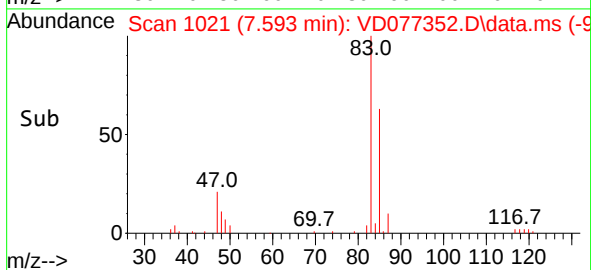
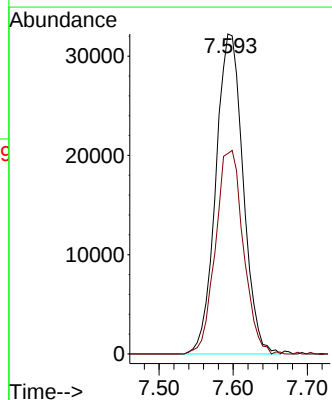
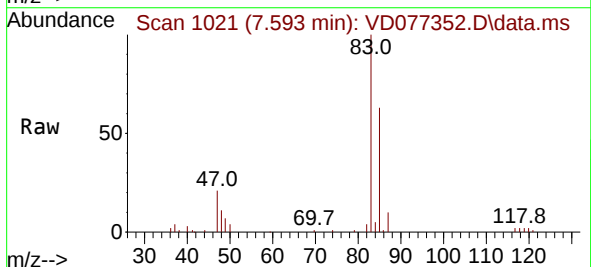
RT: 7.593 min Scan# 1021

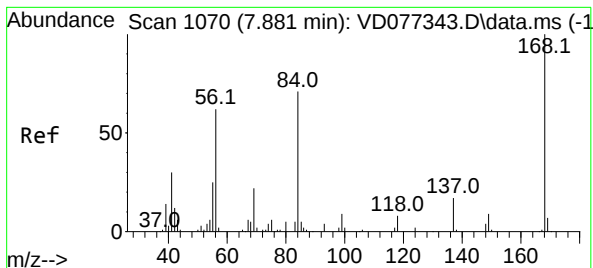
Delta R.T. -0.000 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Tgt Ion:	83	Resp:	82422
Ion Ratio	Lower	Upper	
83	100		
85	62.6	53.4	80.2





#31

Cyclohexane

Concen: 23.407 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBSD01

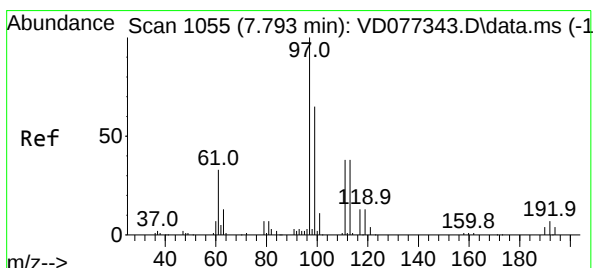
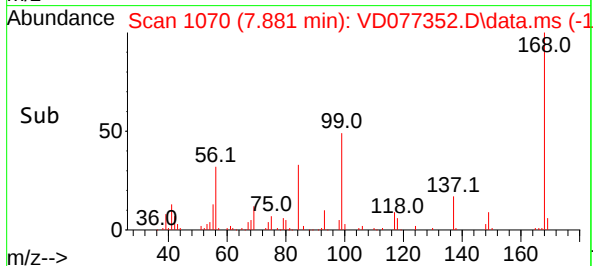
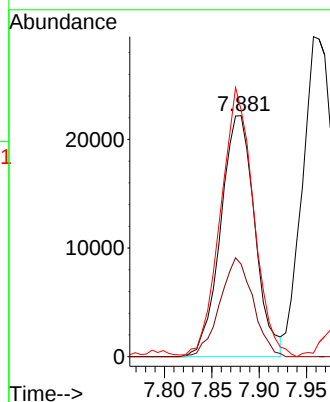
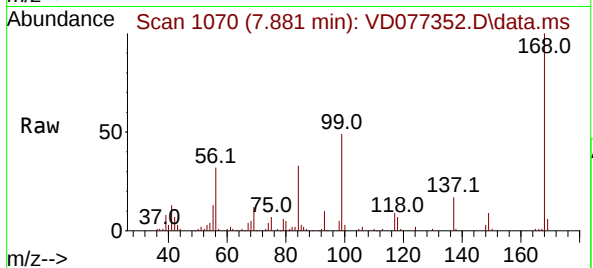
Tgt Ion: 56 Resp: 55754
 Ion Ratio Lower Upper
 56 100
 69 38.4 28.6 43.0
 84 101.6 84.8 127.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#32

1,1,1-Trichloroethane

Concen: 22.505 ug/l

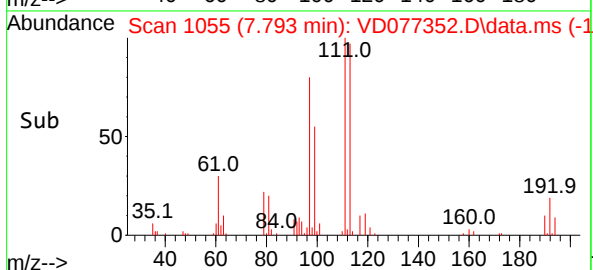
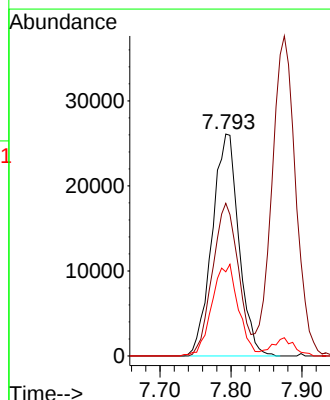
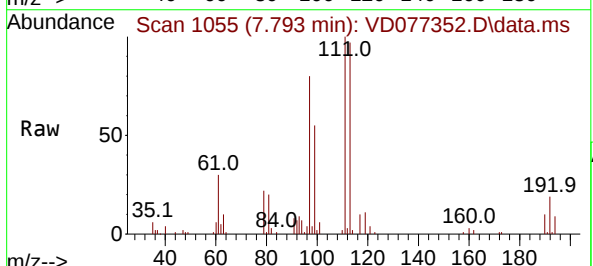
RT: 7.793 min Scan# 1055

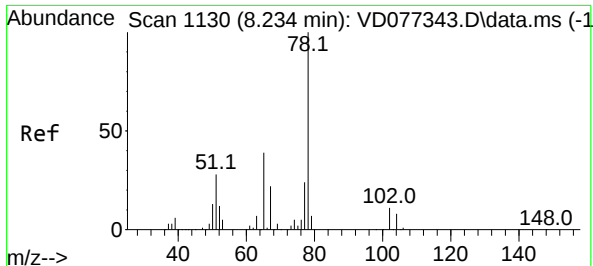
Delta R.T. -0.000 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Tgt Ion: 97 Resp: 68099
 Ion Ratio Lower Upper
 97 100
 99 66.4 52.0 78.0
 61 41.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 57.676 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

Tgt Ion: 65 Resp: 8830

Ion Ratio Lower Upper

65 100

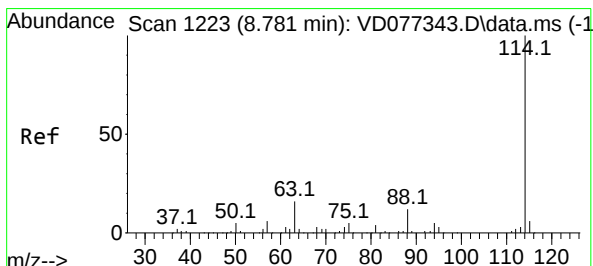
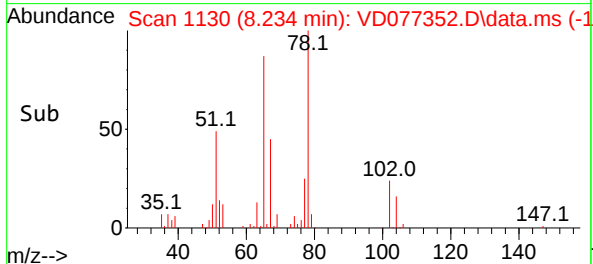
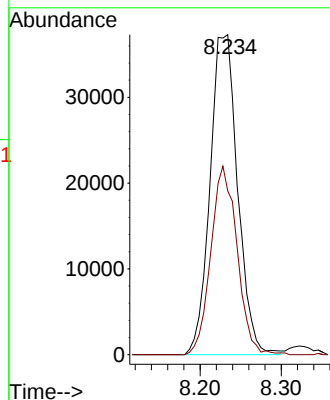
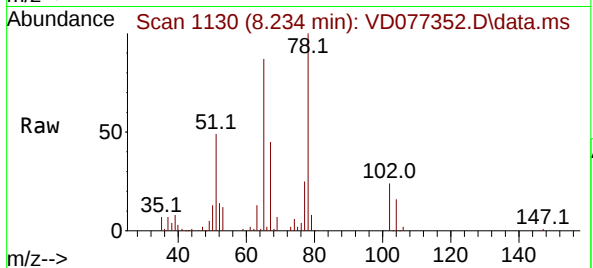
67 55.9 0.0 115.0

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: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

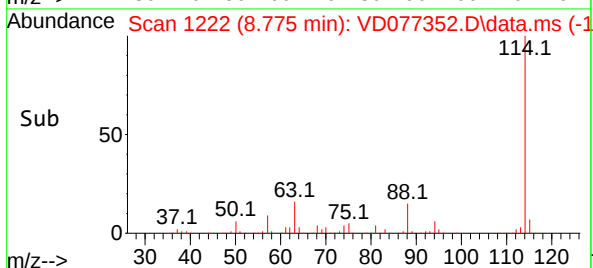
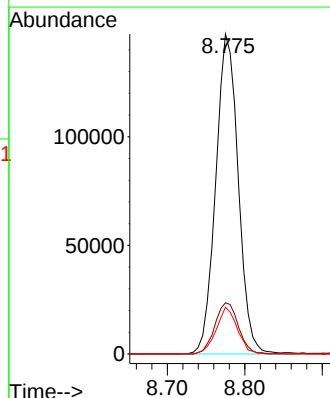
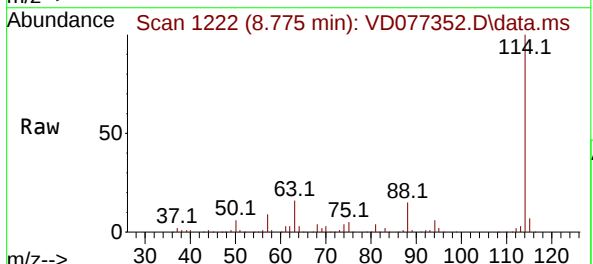
Tgt Ion:114 Resp: 297564

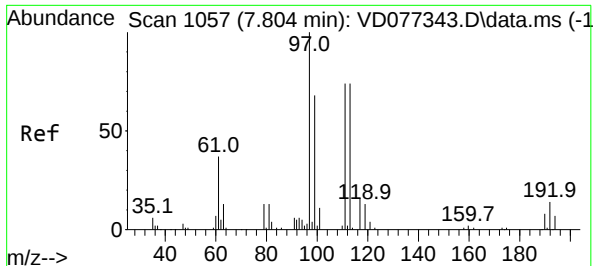
Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.4

88 14.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 48.910 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

Tgt Ion:113 Resp: 10224

Ion Ratio Lower Upper

113 100

111 104.3 84.7 127.1

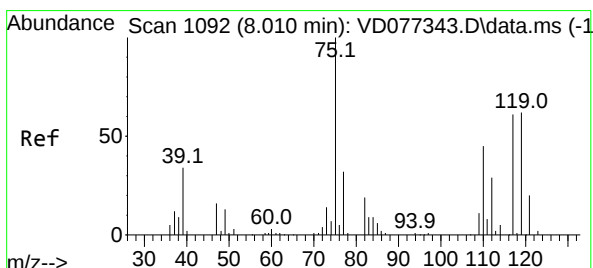
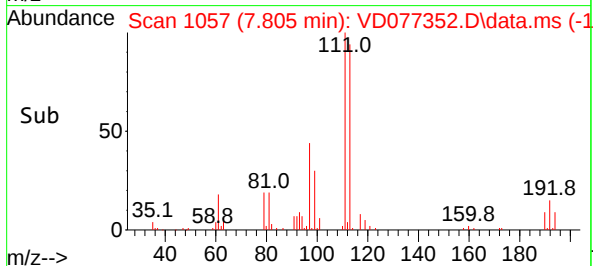
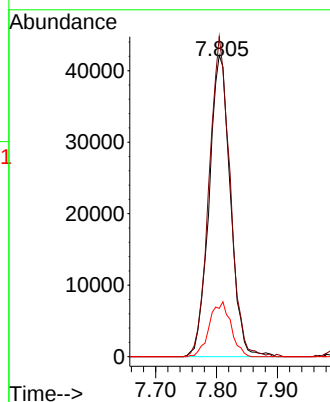
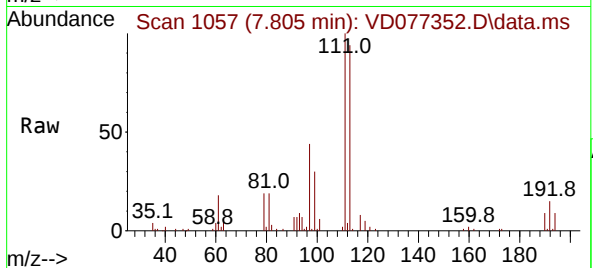
192 18.4 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#36

1,1-Dichloropropene

Concen: 21.594 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

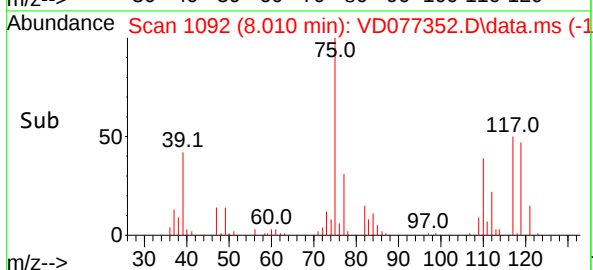
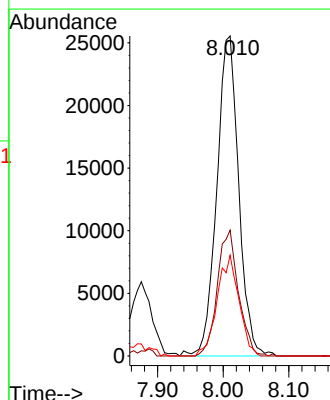
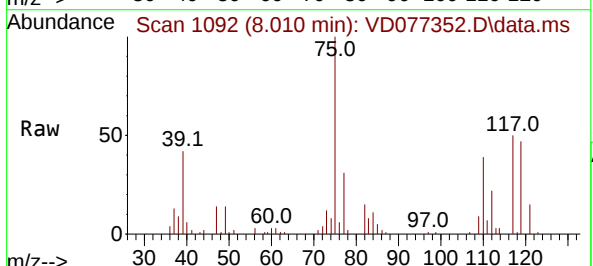
Tgt Ion: 75 Resp: 59316

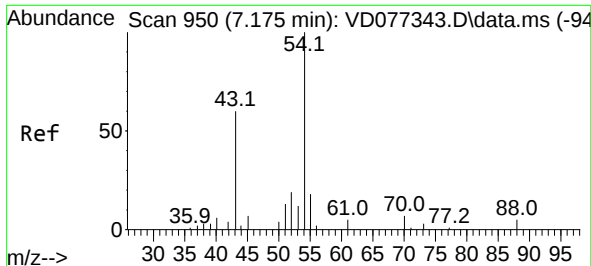
Ion Ratio Lower Upper

75 100

110 38.0 19.9 59.6

77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 24.797 ug/l

RT: 7.163 min Scan# 94

Delta R.T. -0.012 min

Lab File: VD077352.D

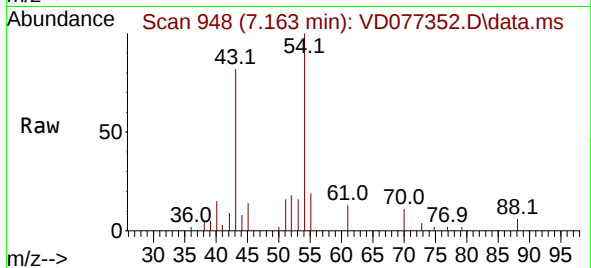
Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBSD01

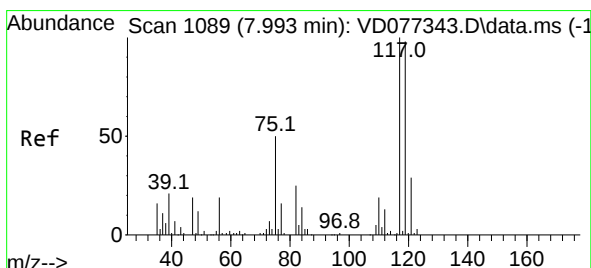
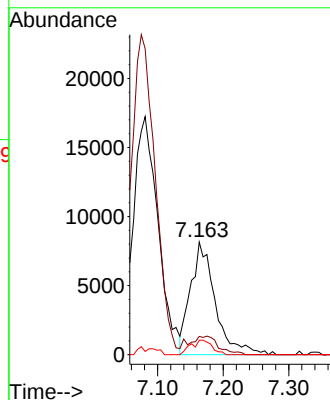
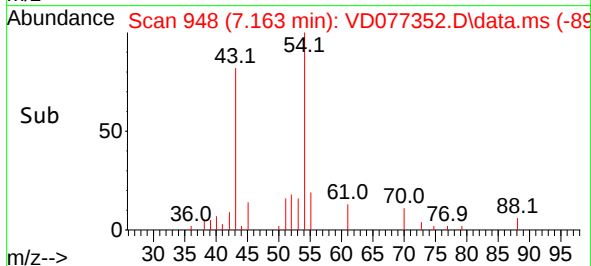


Tgt Ion: 43 Resp: 21390

Ion	Ratio	Lower	Upper
43	100		
61	19.6	14.9	22.3
70	11.0	10.0	15.0

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



#38

Carbon Tetrachloride

Concen: 20.233 ug/l

RT: 7.993 min Scan# 1089

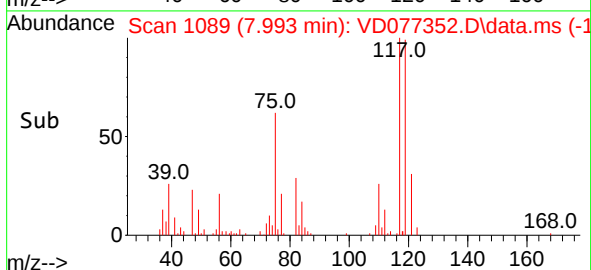
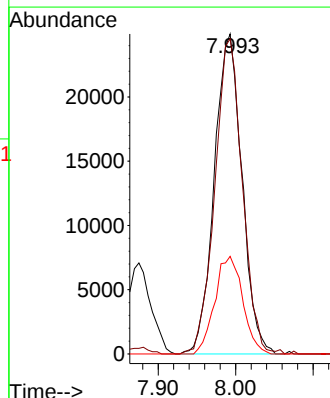
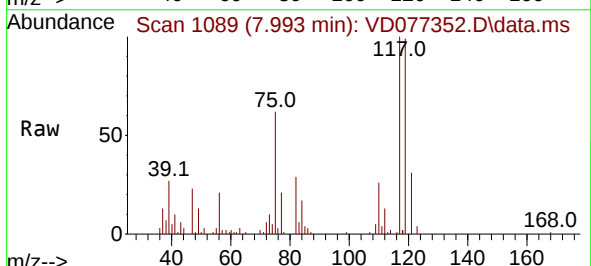
Delta R.T. -0.000 min

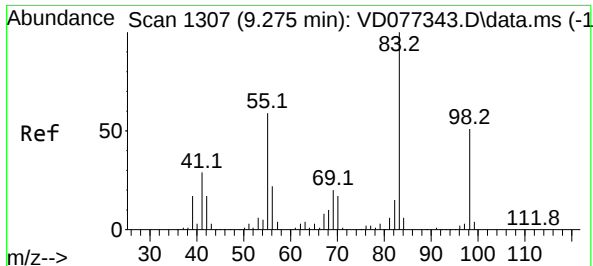
Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Tgt Ion:117 Resp: 61827

Ion	Ratio	Lower	Upper
117	100		
119	98.5	78.0	117.0
121	30.5	24.2	36.2





#39

Methylcyclohexane

Concen: 18.902 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

Tgt Ion: 83 Resp: 63088

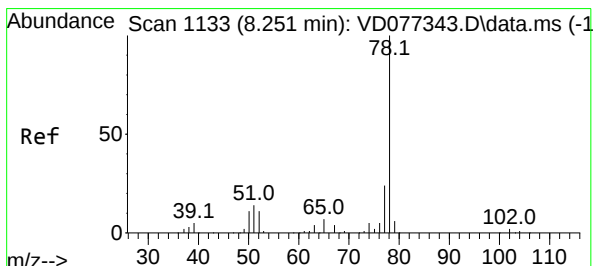
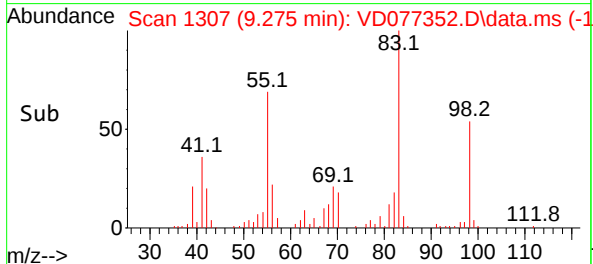
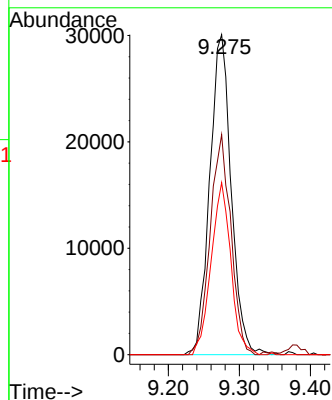
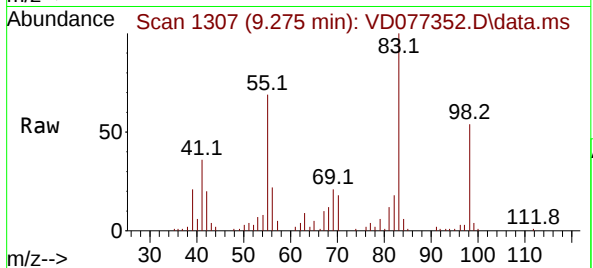
Ion	Ratio	Lower	Upper
83	100		
55	68.8	49.4	74.0
98	53.8	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#40

Benzene

Concen: 21.478 ug/l

RT: 8.252 min Scan# 1133

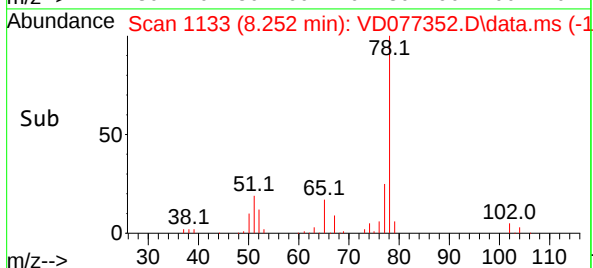
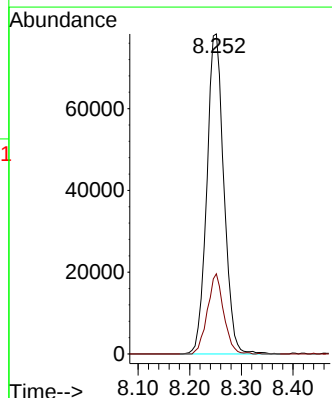
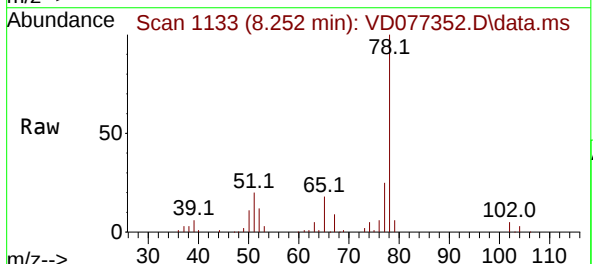
Delta R.T. 0.001 min

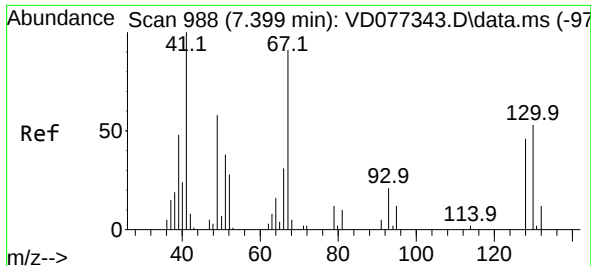
Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Tgt Ion: 78 Resp: 179043

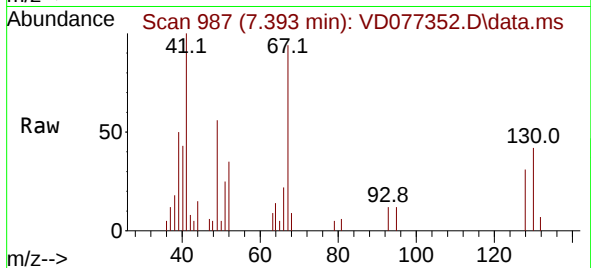
Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.4	29.0





#41
Methacrylonitrile
Concen: 22.060 ug/l m
RT: 7.393 min Scan# 988
Delta R.T. -0.006 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

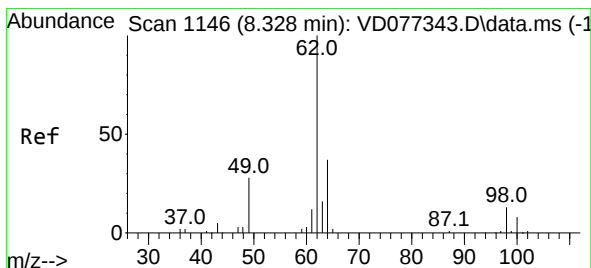
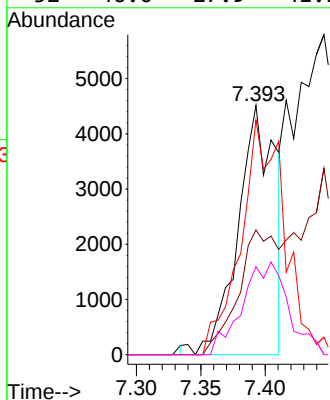
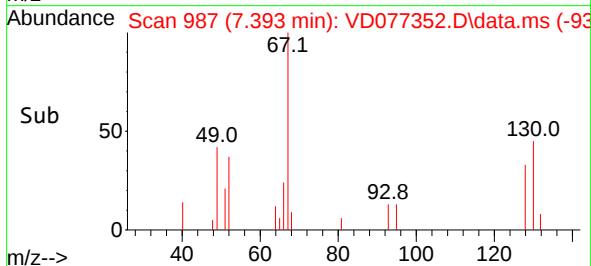
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01



Tgt Ion: 41 Resp: 9084
Ion Ratio Lower Upper
41 100
39 52.5 34.0 51.0
67 109.8 77.0 115.4
52 46.0 27.9 41.9#

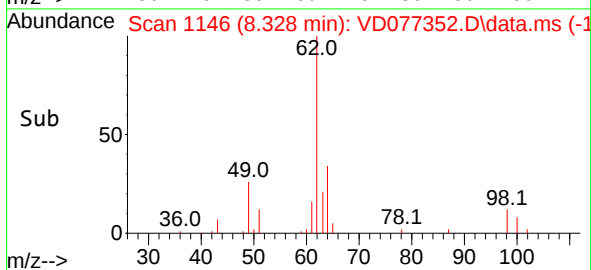
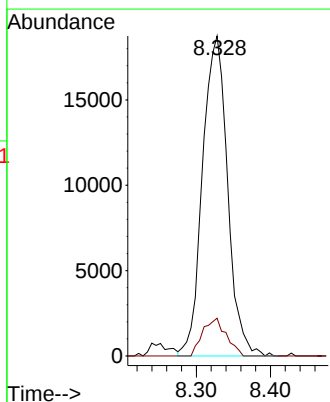
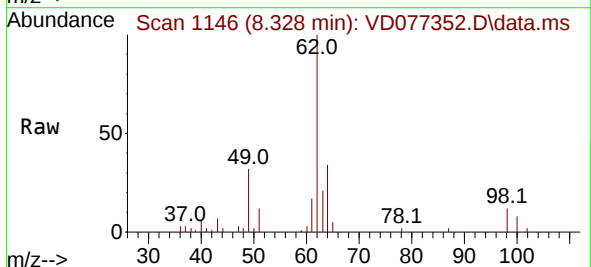
Manual Integrations
APPROVED

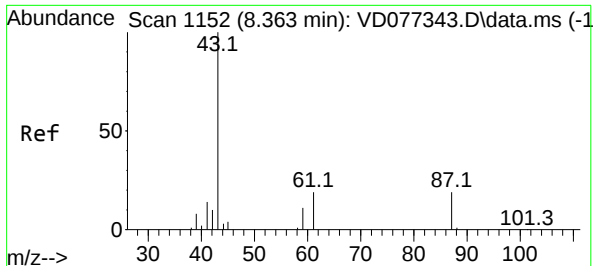
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#42
1,2-Dichloroethane
Concen: 22.411 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion: 62 Resp: 44004
Ion Ratio Lower Upper
62 100
98 11.1 0.0 25.4





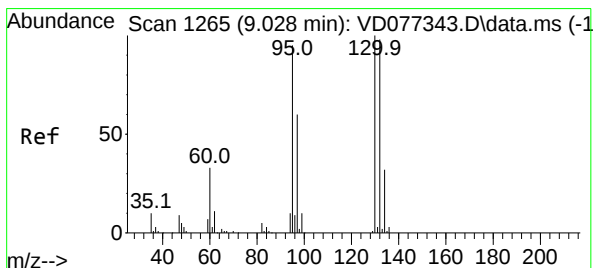
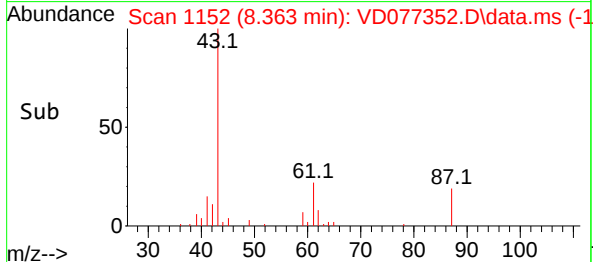
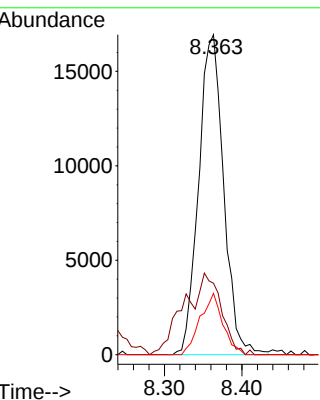
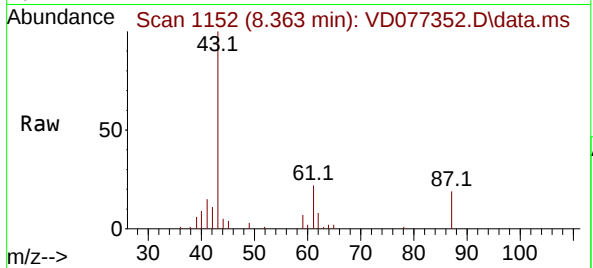
#43
Isopropyl Acetate
Concen: 24.439 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

Tgt Ion: 43 Resp: 37962
Ion Ratio Lower Upper
43 100
61 22.3 31.4 47.0
87 17.4 14.9 22.3

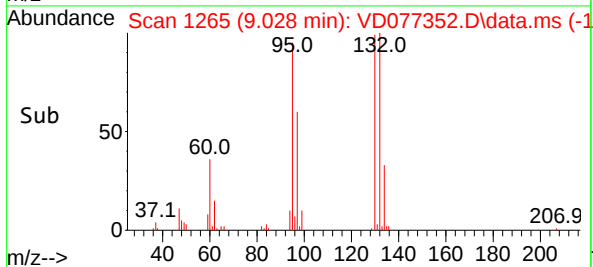
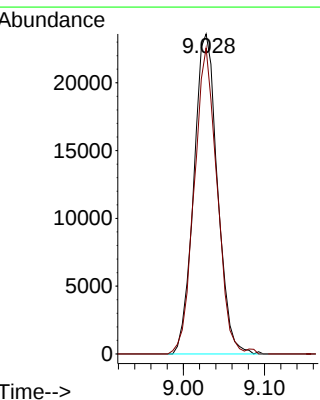
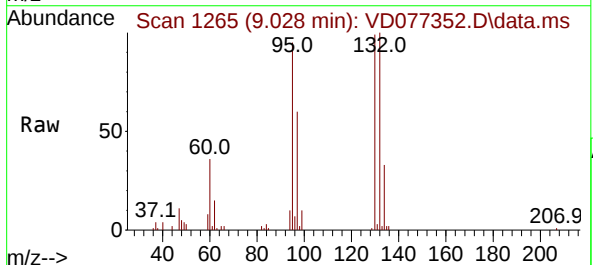
Manual Integrations
APPROVED

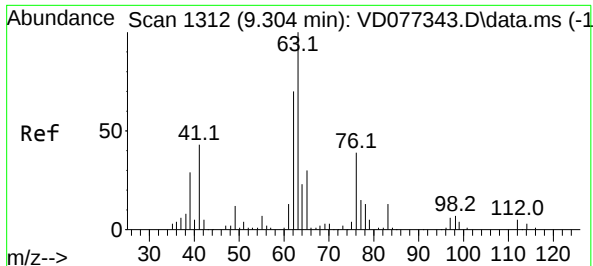
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#44
Trichloroethene
Concen: 19.566 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion:130 Resp: 47685
Ion Ratio Lower Upper
130 100
95 95.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 21.986 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBSD01

Tgt Ion: 63 Resp: 4224

Ion Ratio Lower Upper

63 100

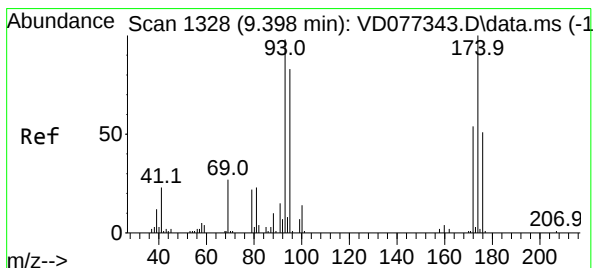
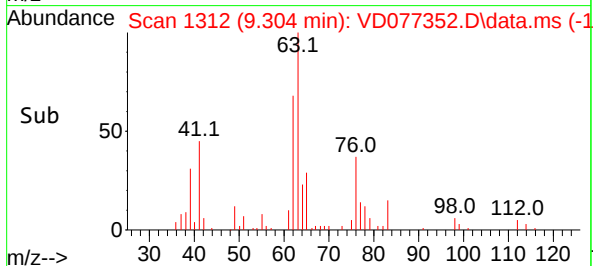
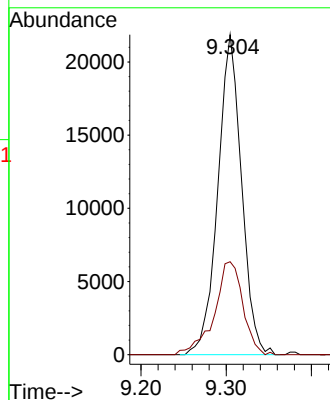
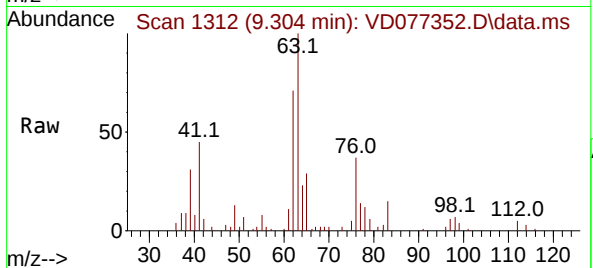
65 29.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#46

Dibromomethane

Concen: 22.191 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.005 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

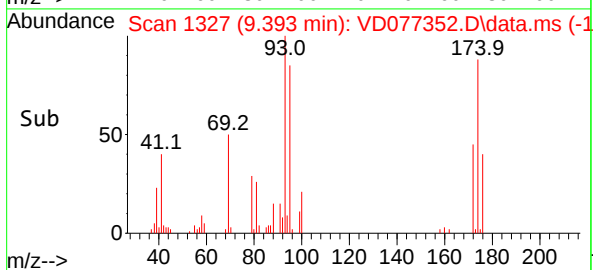
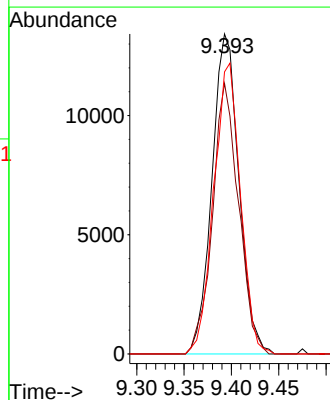
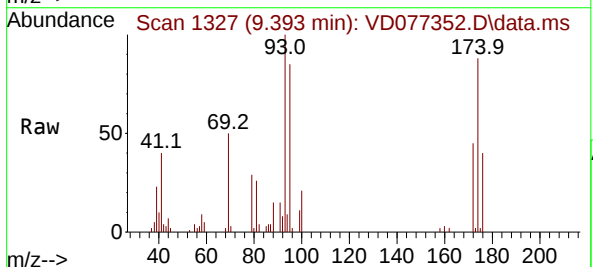
Tgt Ion: 93 Resp: 26659

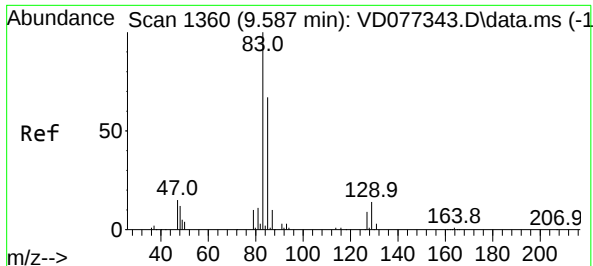
Ion Ratio Lower Upper

93 100

95 81.9 67.7 101.5

174 89.7 85.4 128.2





#47

Bromodichloromethane

Concen: 21.430 ug/l

RT: 9.581 min Scan# 1360

Delta R.T. -0.006 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBSD01

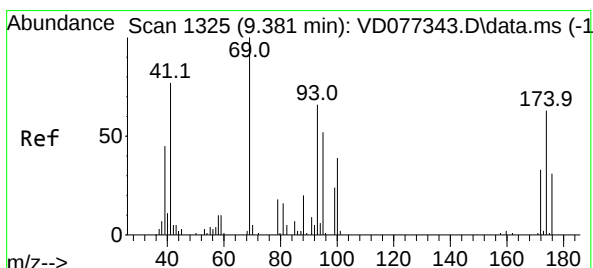
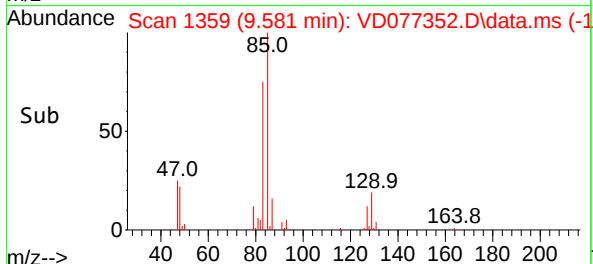
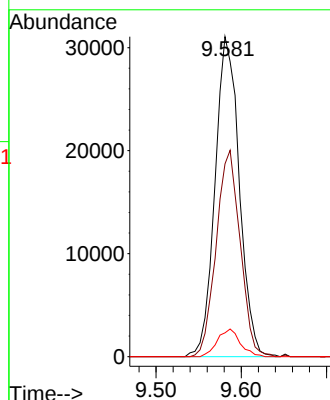
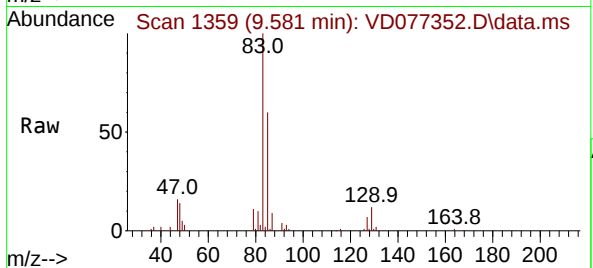
Tgt Ion: 83 Resp: 61388
 Ion Ratio Lower Upper
 83 100
 85 60.2 50.2 75.4
 127 7.4 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#48

Methyl methacrylate

Concen: 23.274 ug/l

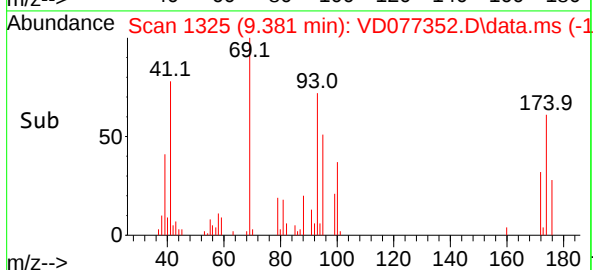
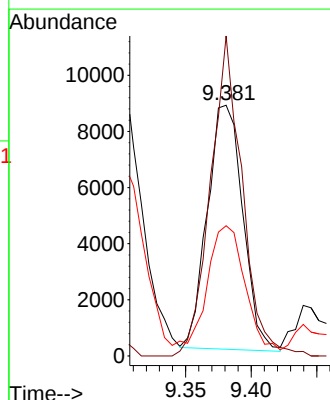
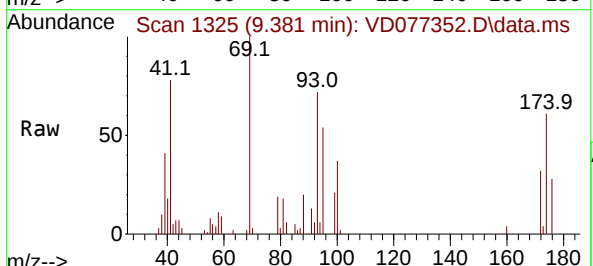
RT: 9.381 min Scan# 1325

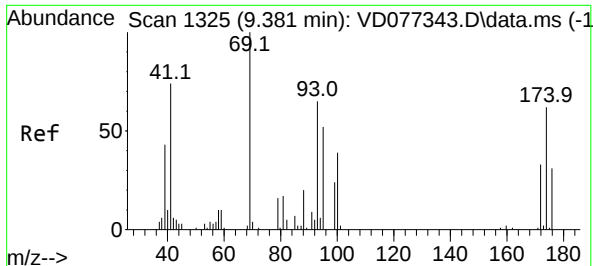
Delta R.T. -0.000 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

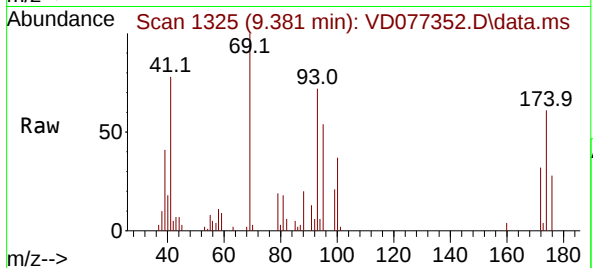
Tgt Ion: 41 Resp: 16355
 Ion Ratio Lower Upper
 41 100
 69 117.5 102.2 153.2
 39 53.8 41.4 62.2





#49
1,4-Dioxane
Concen: 439.479 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

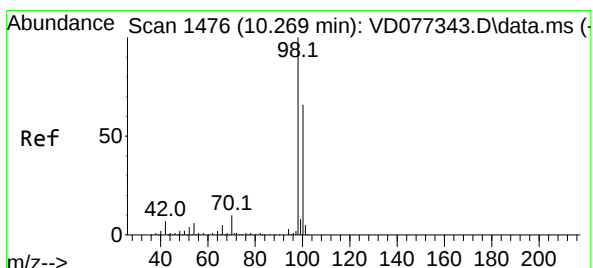
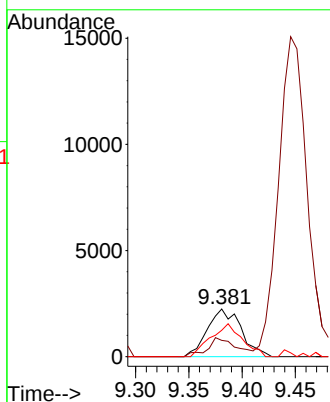
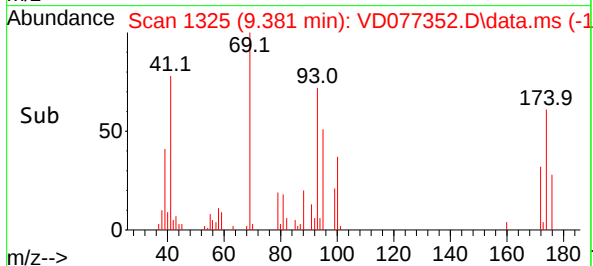
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01



Tgt Ion: 88 Resp: 493
Ion Ratio Lower Upper
88 100
43 34.4 19.0 28.6
58 64.4 43.5 65.3

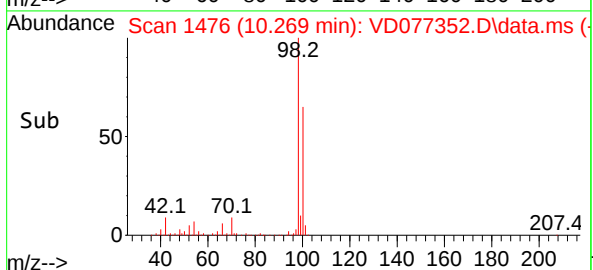
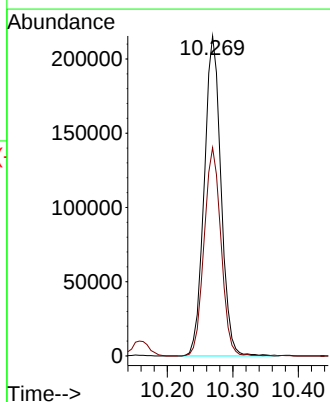
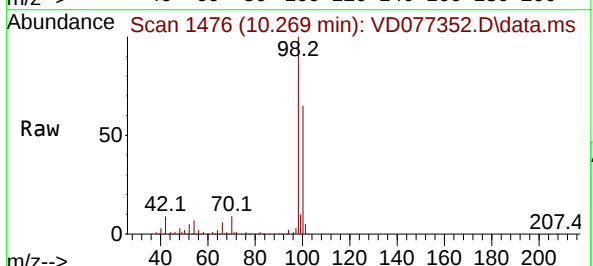
Manual Integrations
APPROVED

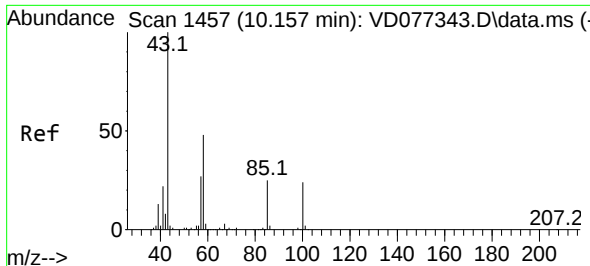
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#50
Toluene-d8
Concen: 51.202 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion: 98 Resp: 383342
Ion Ratio Lower Upper
98 100
100 65.5 50.3 75.5





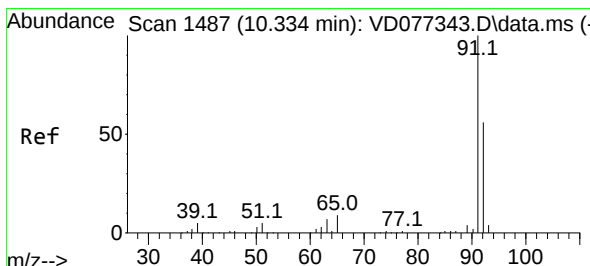
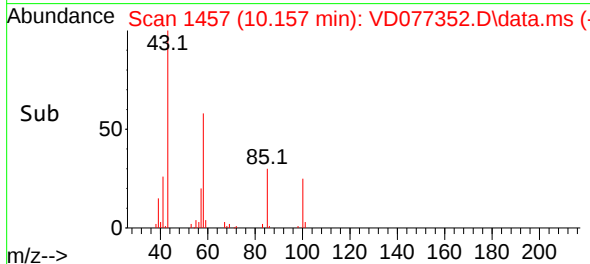
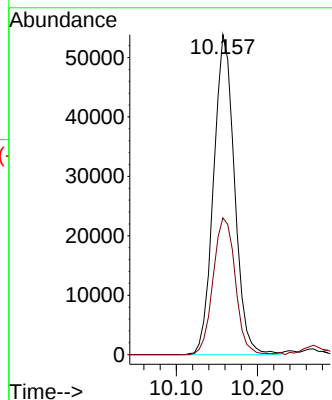
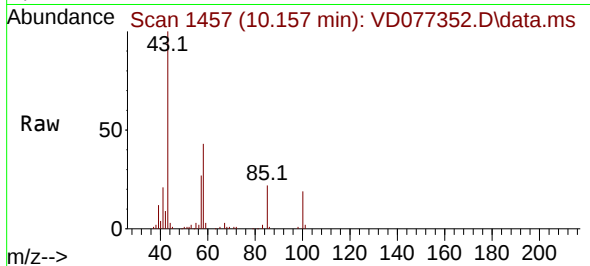
#51
4-Methyl-2-Pentanone
Concen: 124.021 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

Tgt Ion: 43 Resp: 96572
Ion Ratio Lower Upper
43 100
58 45.2 38.9 58.3

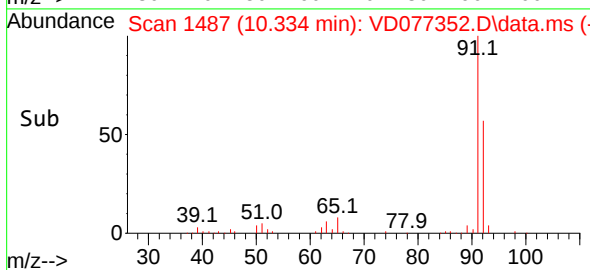
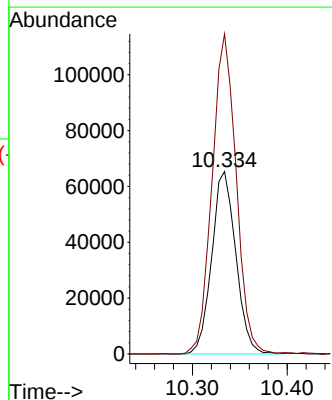
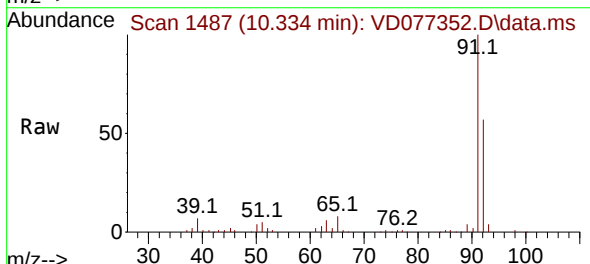
Manual Integrations
APPROVED

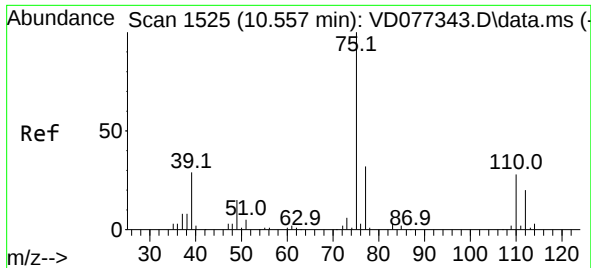
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#52
Toluene
Concen: 21.142 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

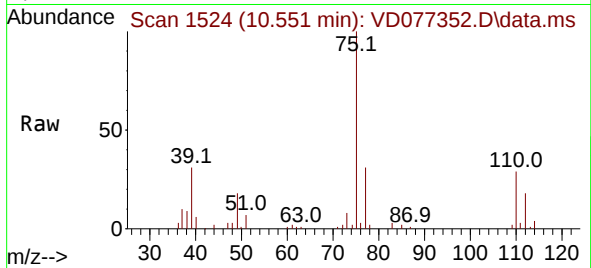
Tgt Ion: 92 Resp: 115072
Ion Ratio Lower Upper
92 100
91 176.1 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 21.548 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

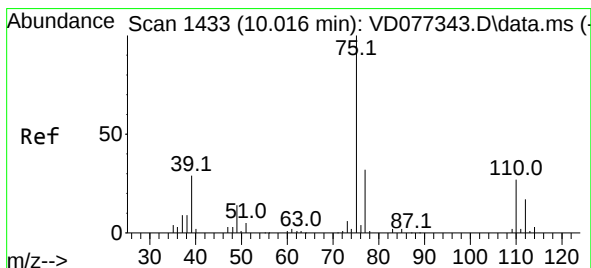
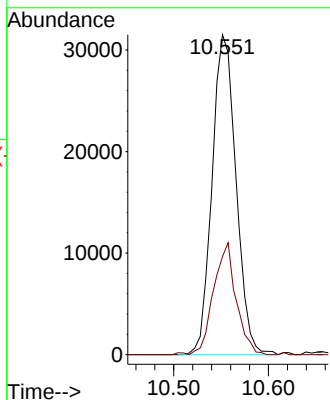
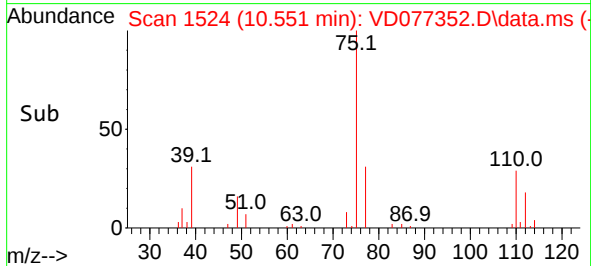
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01



Tgt Ion: 75 Resp: 5540
Ion Ratio Lower Upper
75 100
77 30.6 25.3 37.9

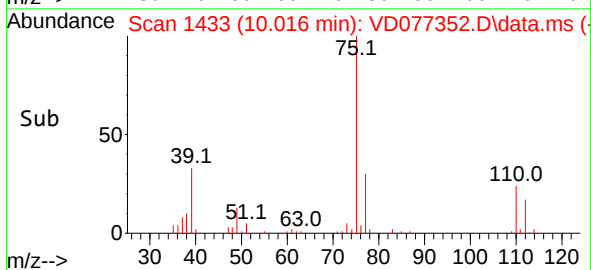
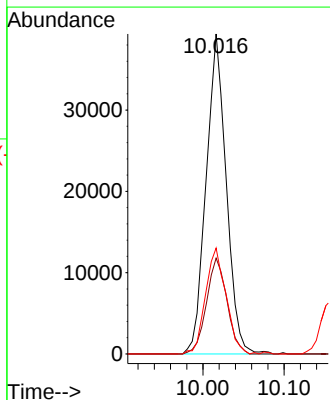
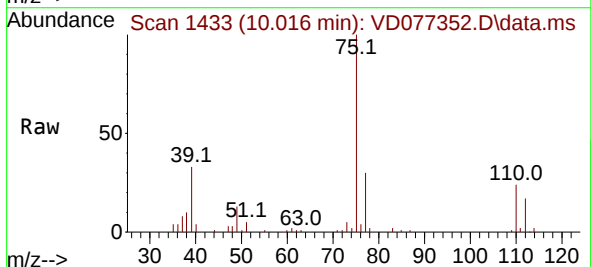
Manual Integrations
APPROVED

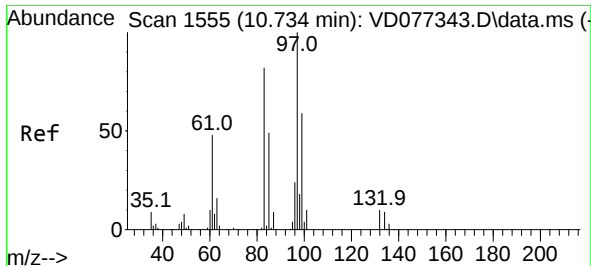
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#54
cis-1,3-Dichloropropene
Concen: 21.552 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

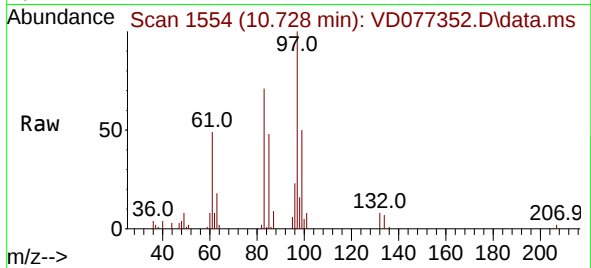
Tgt Ion: 75 Resp: 67802
Ion Ratio Lower Upper
75 100
77 29.9 25.5 38.3
39 33.1 22.1 33.1





#55
1,1,2-Trichloroethane
Concen: 22.086 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

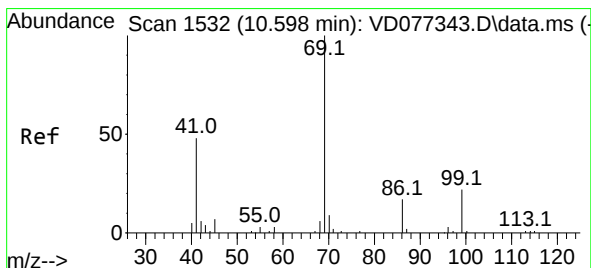
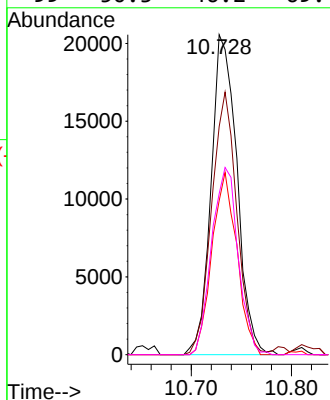
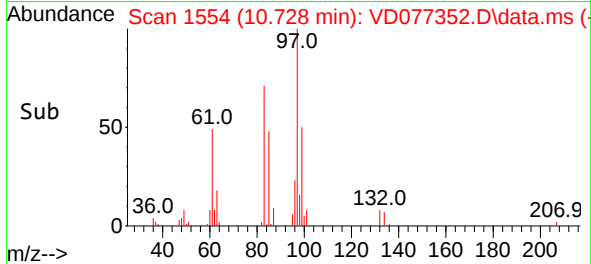
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01



Tgt Ion: 97	Resp: 3674
Ion Ratio	Lower Upper
97 100	
83 71.2	65.8 98.6
85 48.1	45.7 68.5
99 50.3	46.2 69.4

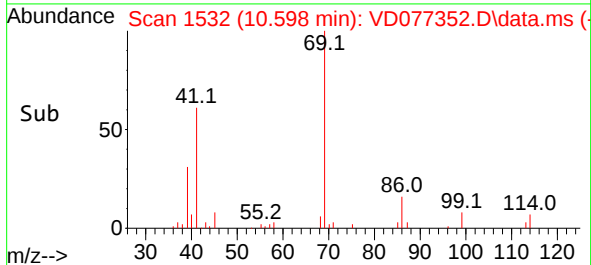
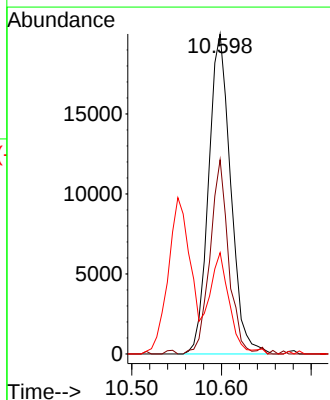
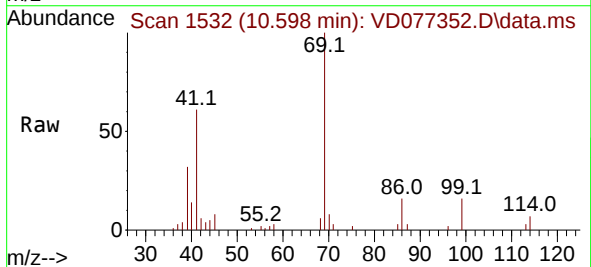
Manual Integrations
APPROVED

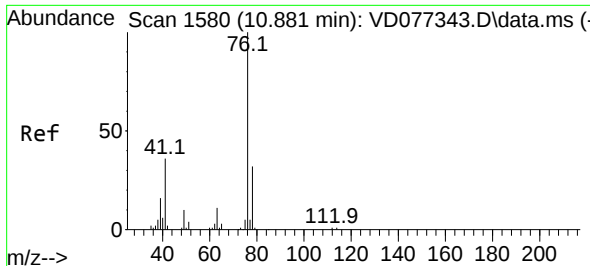
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#56
Ethyl methacrylate
Concen: 21.488 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

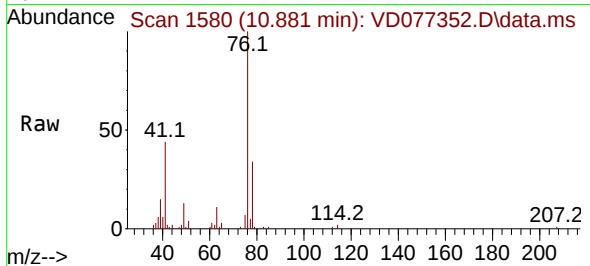
Tgt Ion: 69	Resp: 34169
Ion Ratio	Lower Upper
69 100	
41 51.3	39.1 58.7
39 29.0	20.0 30.0





#57
1,3-Dichloropropane
Concen: 21.597 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

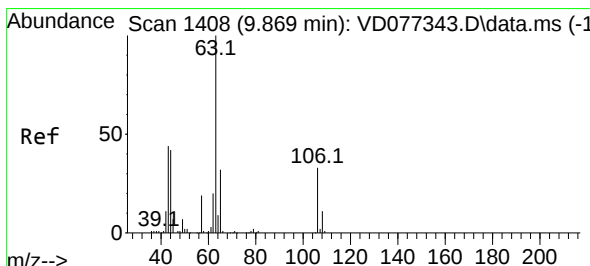
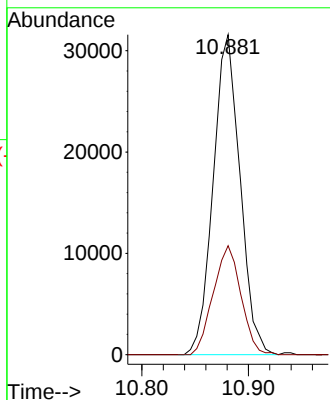
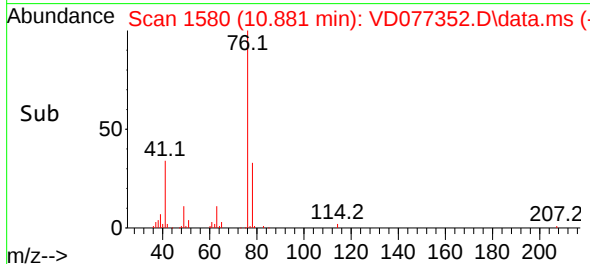
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01



Tgt Ion: 76 Resp: 5520
Ion Ratio Lower Upper
76 100
78 35.1 26.4 39.6

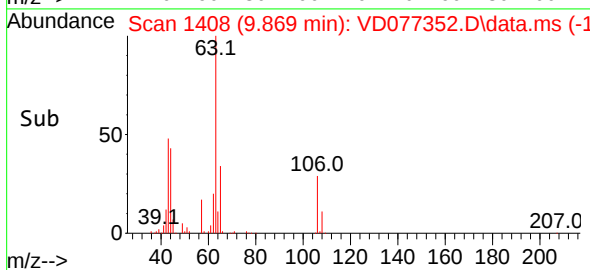
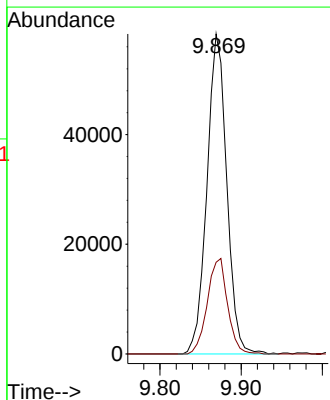
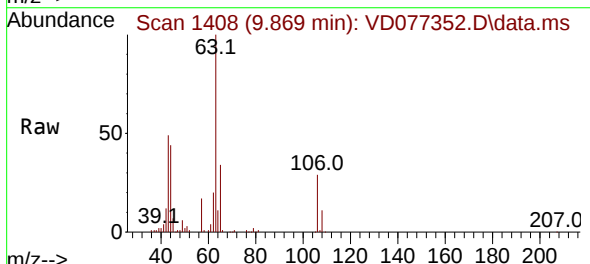
Manual Integrations
APPROVED

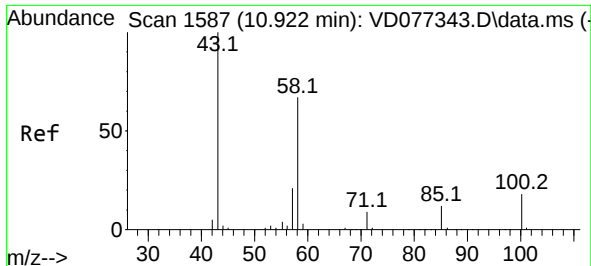
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#58
2-Chloroethyl Vinyl ether
Concen: 125.542 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

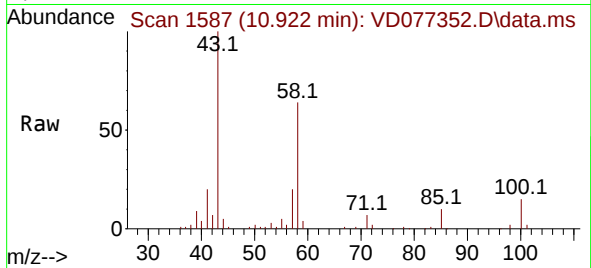
Tgt Ion: 63 Resp: 98723
Ion Ratio Lower Upper
63 100
106 30.5 25.3 37.9





#59
2-Hexanone
Concen: 124.926 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

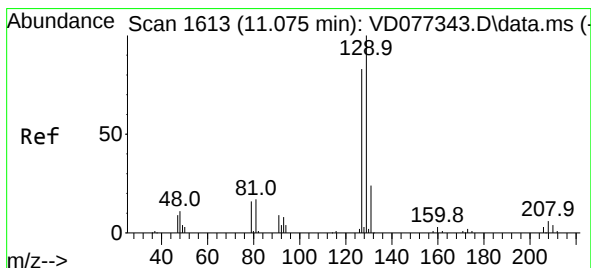
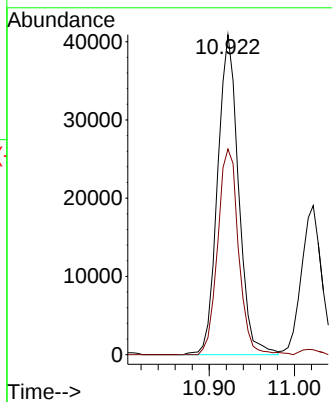
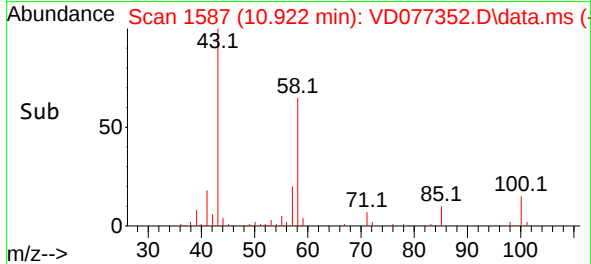
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01



Tgt Ion: 43 Resp: 6986
Ion Ratio Lower Upper
43 100
58 64.1 34.1 102.2

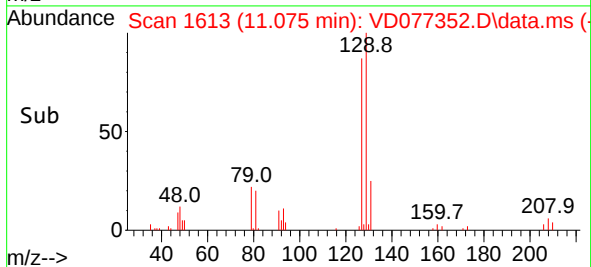
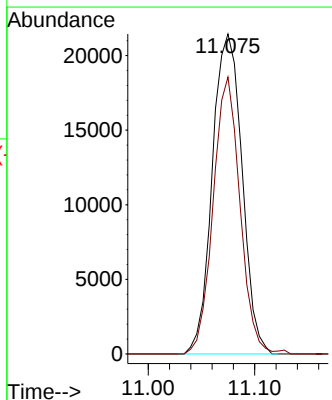
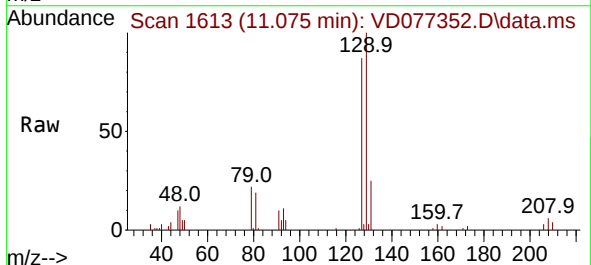
Manual Integrations
APPROVED

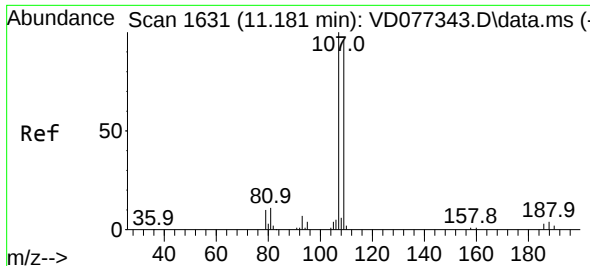
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#60
Dibromochloromethane
Concen: 19.542 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

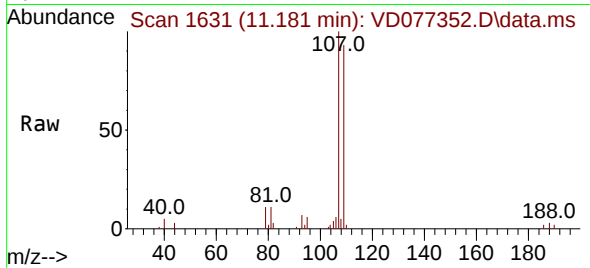
Tgt Ion:129 Resp: 41519
Ion Ratio Lower Upper
129 100
127 78.2 37.1 111.5





#61
1,2-Dibromoethane
Concen: 21.498 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

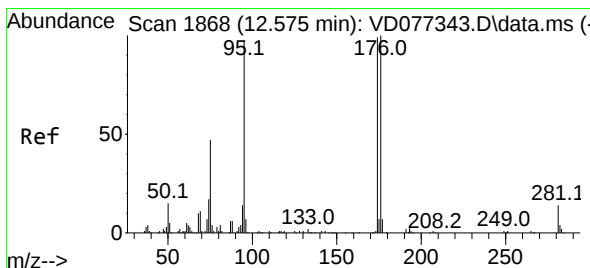
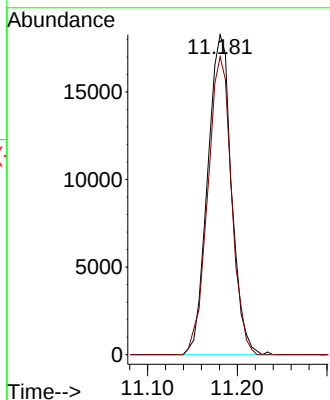
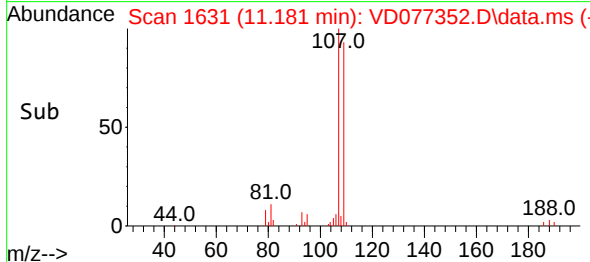
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01



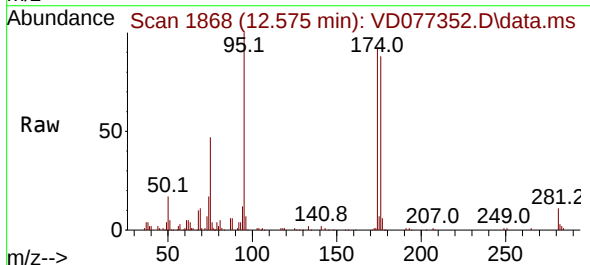
Tgt Ion:107 Resp: 3370
Ion Ratio Lower Upper
107 100
109 93.0 75.6 113.4

Manual Integrations
APPROVED

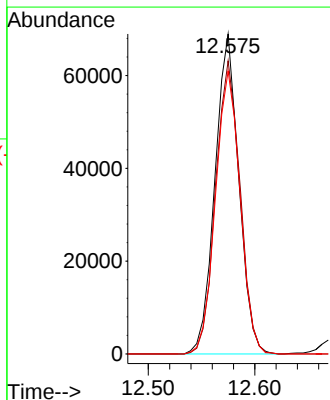
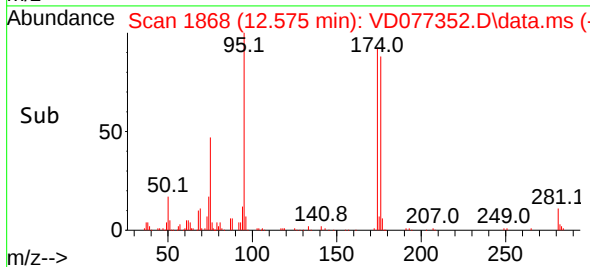
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

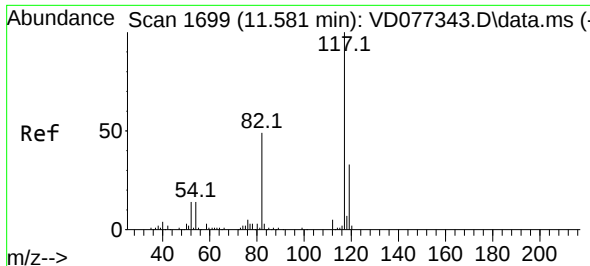


#62
4-Bromofluorobenzene
Concen: 49.780 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42



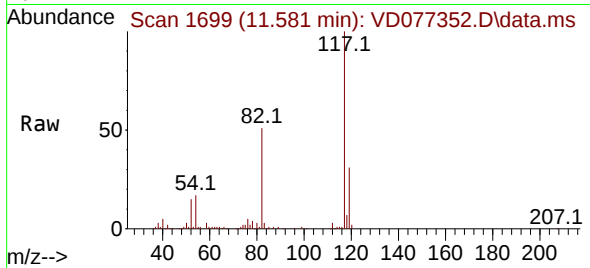
Tgt Ion: 95 Resp: 107282
Ion Ratio Lower Upper
95 100
174 93.8 0.0 201.8
176 91.0 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

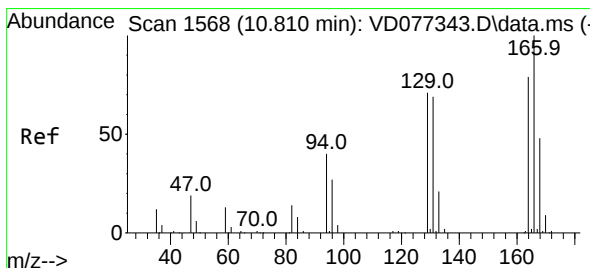
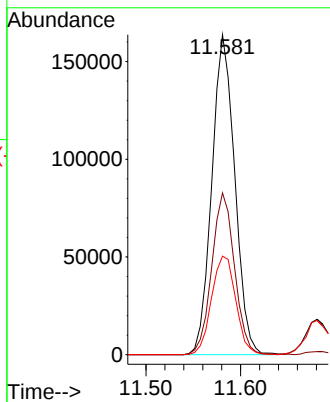
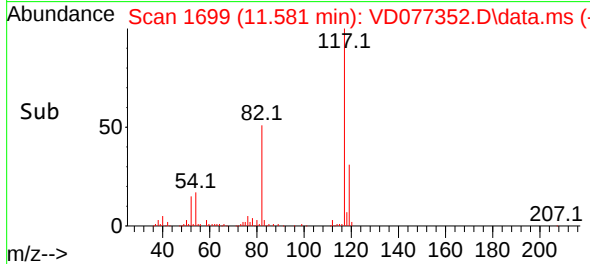
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01



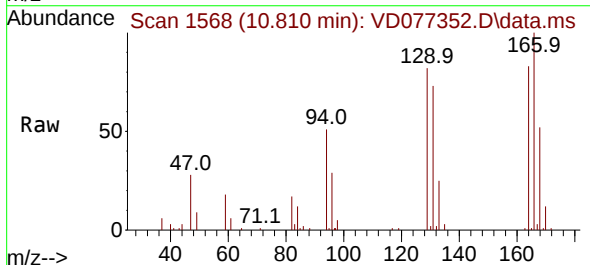
Tgt Ion:117 Resp: 275698
Ion Ratio Lower Upper
117 100
82 50.6 38.3 57.5
119 30.8 25.0 37.4

Manual Integrations
APPROVED

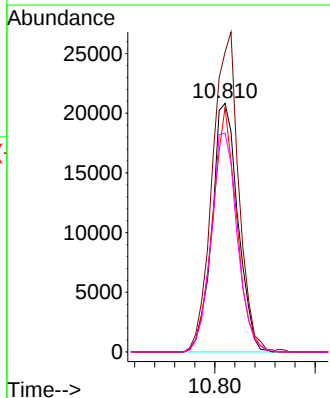
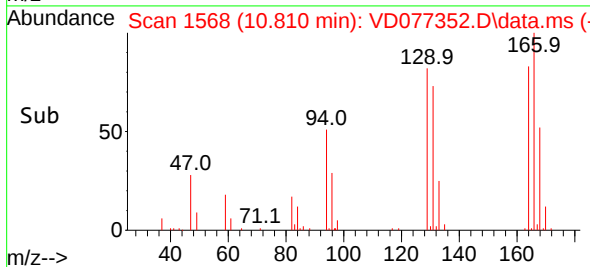
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

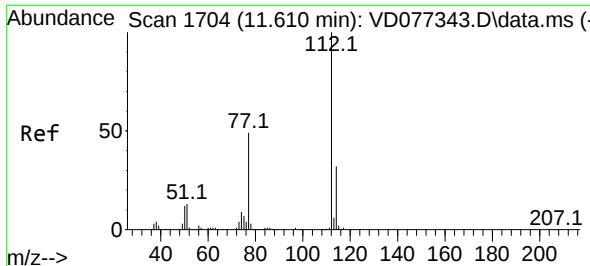


#64
Tetrachloroethene
Concen: 18.204 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42



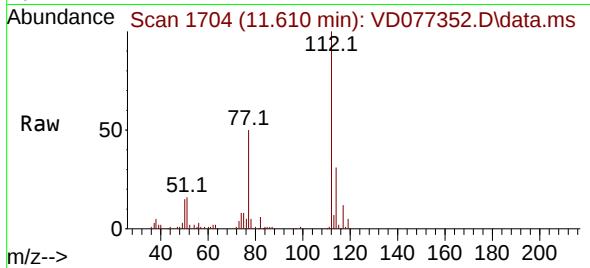
Tgt Ion:164 Resp: 37304
Ion Ratio Lower Upper
164 100
166 120.6 99.2 148.8
129 98.3 68.4 102.6
131 88.0 63.8 95.8





#65
Chlorobenzene
Concen: 20.028 ug/l
RT: 11.610 min Scan# 1160
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

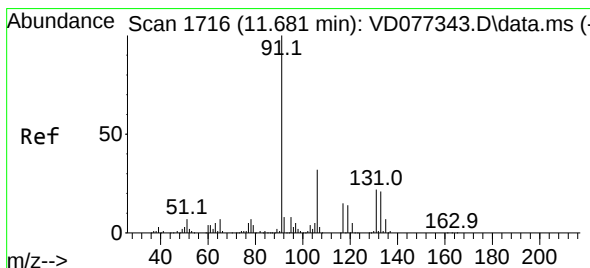
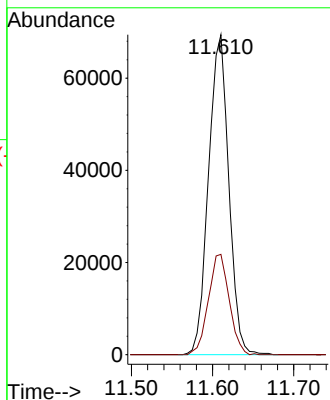
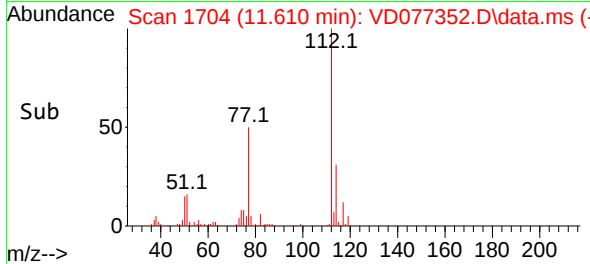
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01



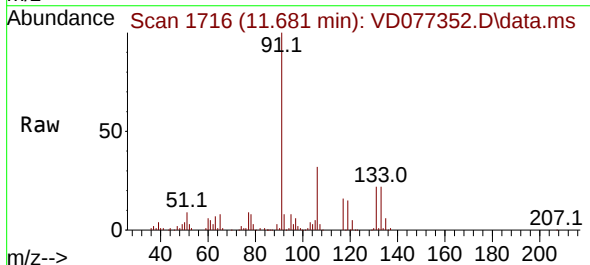
Tgt Ion:112 Resp: 12035
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7

Manual Integrations
APPROVED

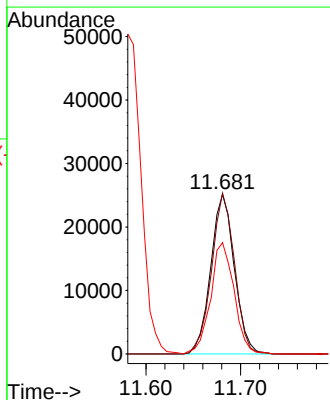
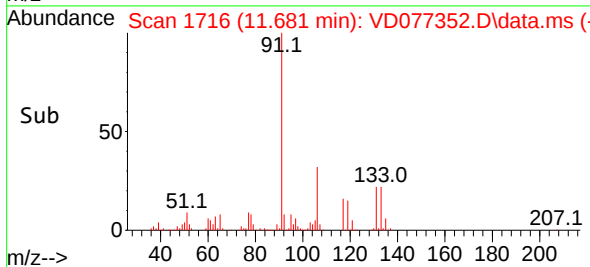
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

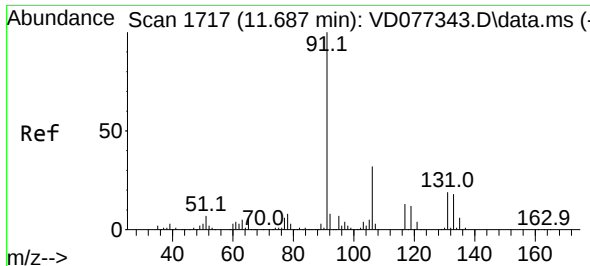


#66
1,1,1,2-Tetrachloroethane
Concen: 19.118 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42



Tgt Ion:131 Resp: 43671
Ion Ratio Lower Upper
131 100
133 97.7 48.5 145.5
119 69.2 35.6 106.9





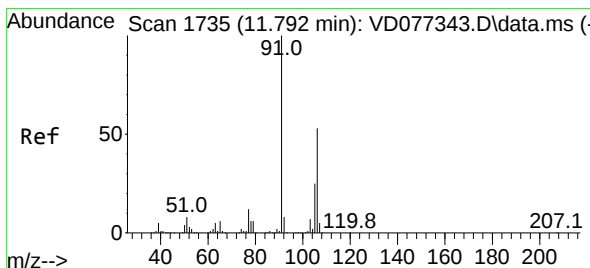
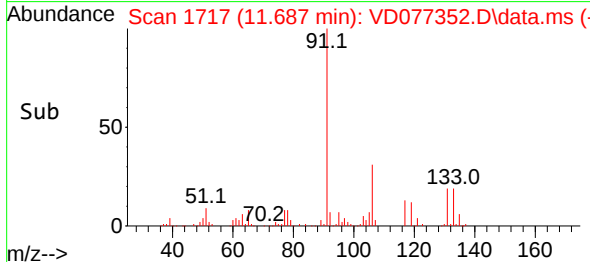
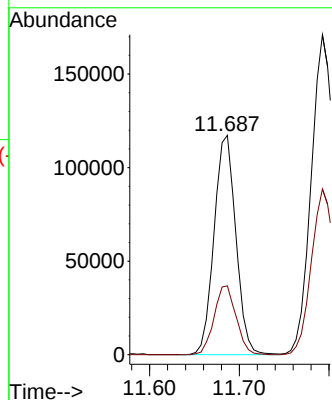
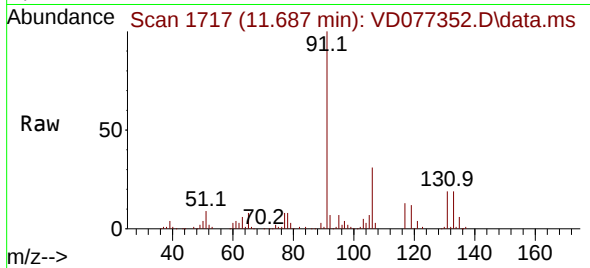
#67
Ethyl Benzene
Concen: 19.861 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

Tgt Ion: 91 Resp: 197844
Ion Ratio Lower Upper
91 100
106 31.4 26.5 39.7

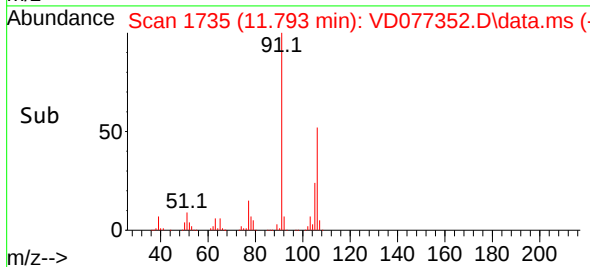
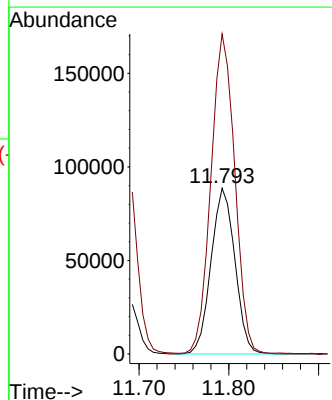
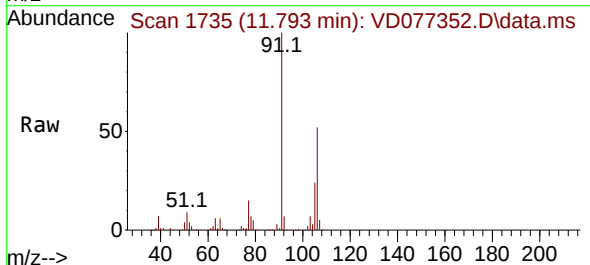
Manual Integrations
APPROVED

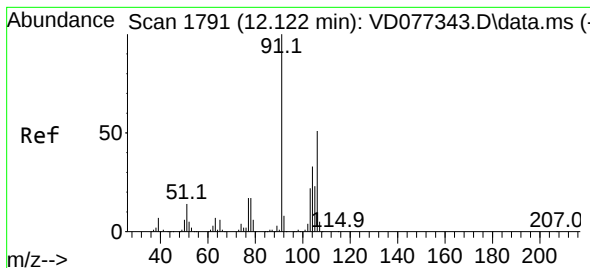
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#68
m/p-Xylenes
Concen: 40.010 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

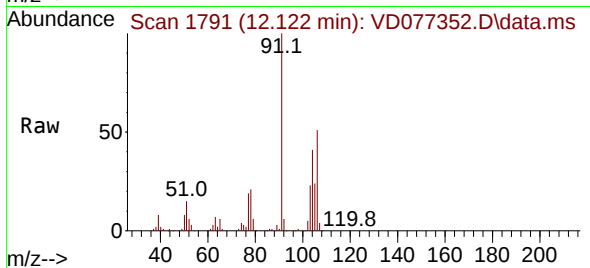
Tgt Ion:106 Resp: 163669
Ion Ratio Lower Upper
106 100
91 192.4 147.0 220.6





#69
o-Xylene
Concen: 19.722 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

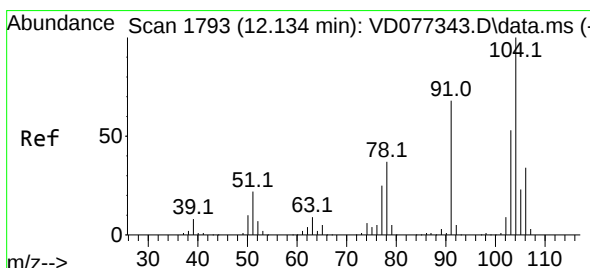
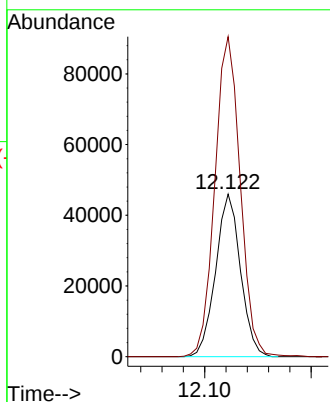
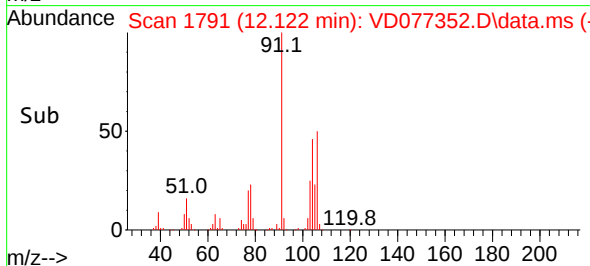
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01



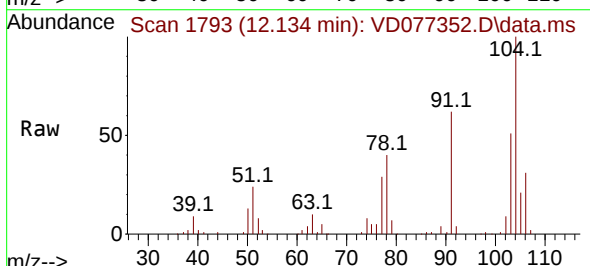
Tgt Ion:106 Resp: 74268
Ion Ratio Lower Upper
106 100
91 201.4 97.9 293.6

Manual Integrations
APPROVED

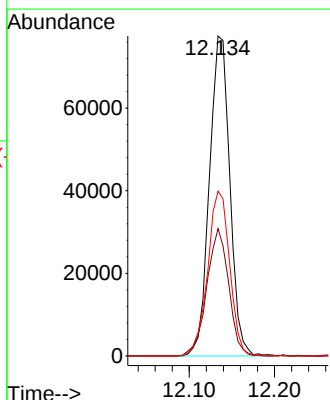
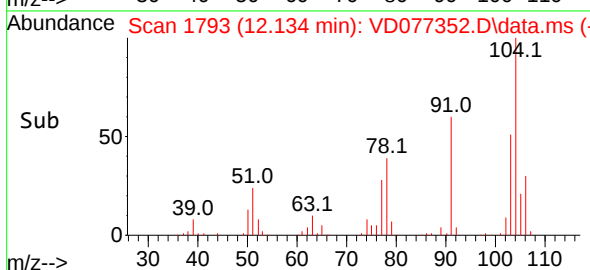
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

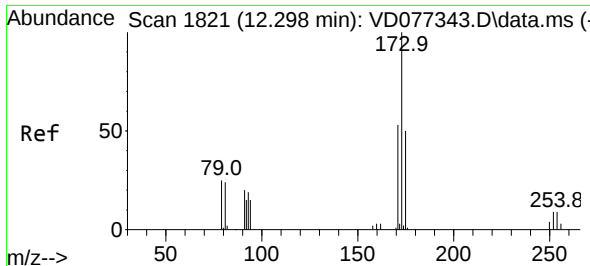


#70
Styrene
Concen: 20.088 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42



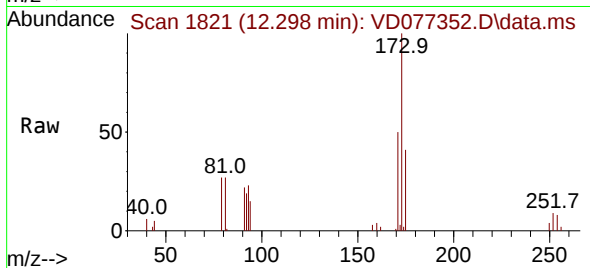
Tgt Ion:104 Resp: 129063
Ion Ratio Lower Upper
104 100
78 42.5 33.2 49.8
103 55.5 43.6 65.4





#71
Bromoform
Concen: 19.894 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

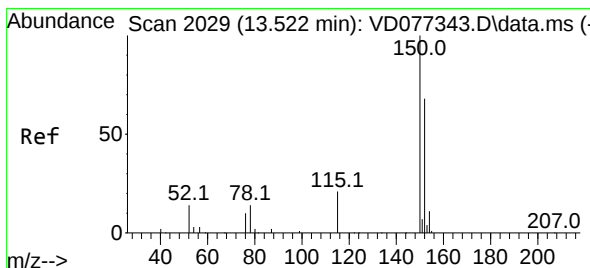
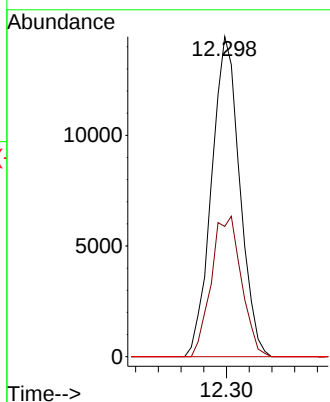
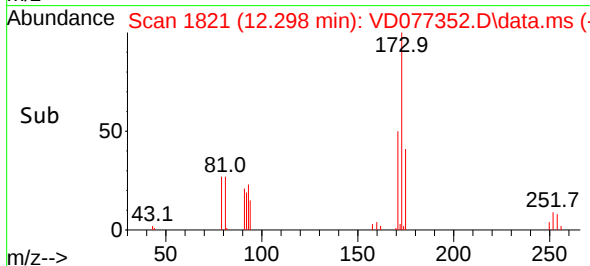
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01



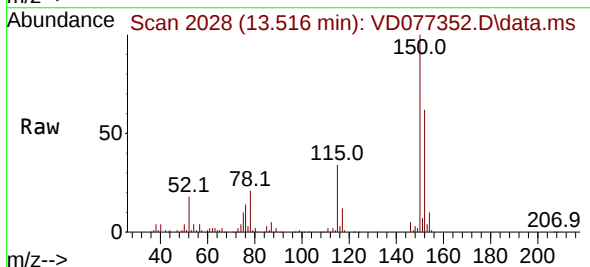
Tgt Ion:173 Resp: 24912
Ion Ratio Lower Upper
173 100
175 46.8 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

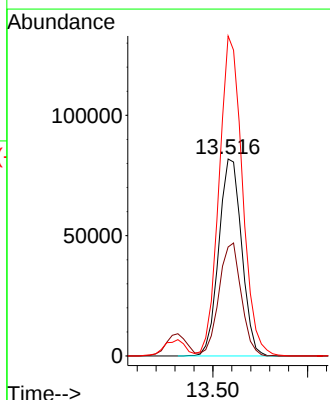
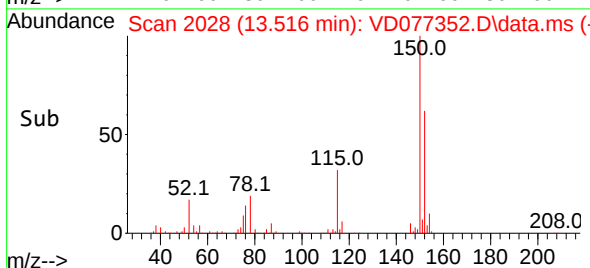
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

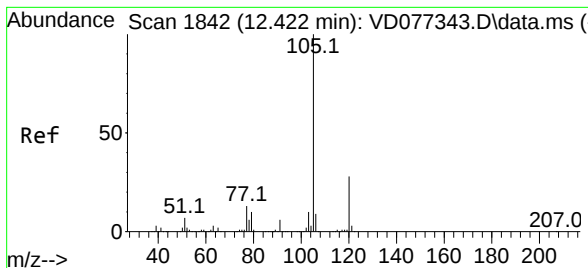


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42



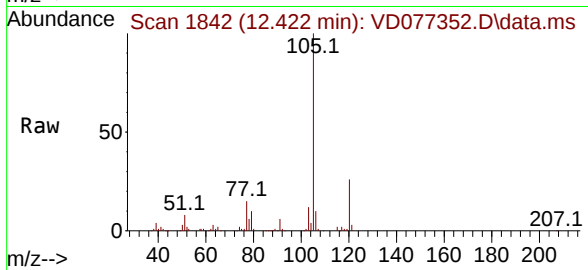
Tgt Ion:152 Resp: 137362
Ion Ratio Lower Upper
152 100
115 55.9 27.1 81.3
150 165.6 0.0 353.6





#73
Isopropylbenzene
Concen: 20.596 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

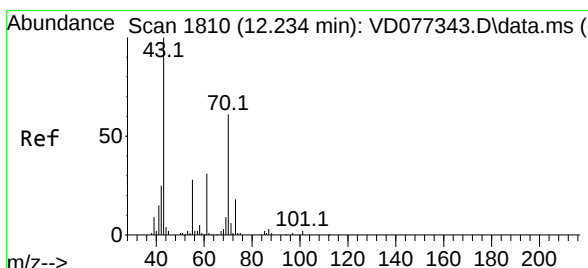
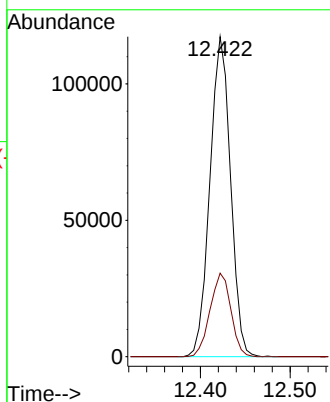
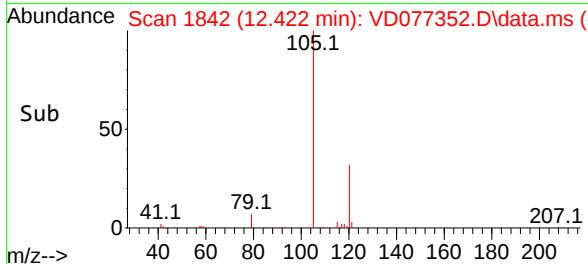
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01



Tgt Ion:105 Resp: 18713
Ion Ratio Lower Upper
105 100
120 26.4 14.3 42.9

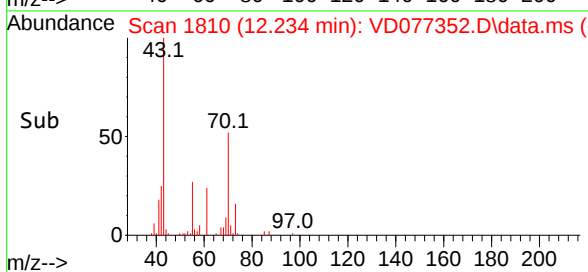
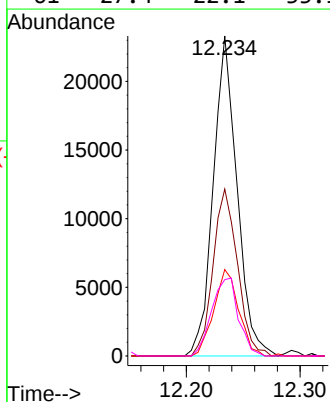
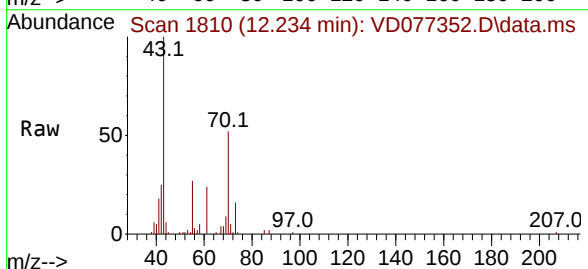
Manual Integrations
APPROVED

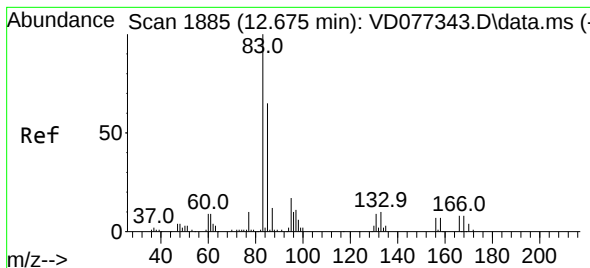
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#74
N-ethyl acetate
Concen: 25.950 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

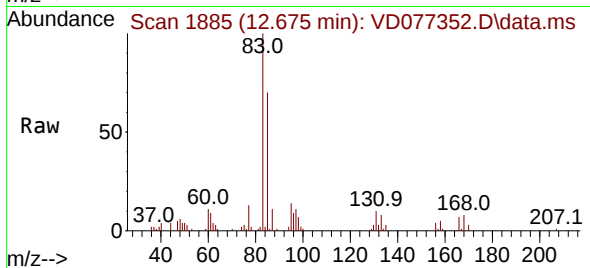
Tgt Ion: 43 Resp: 33918
Ion Ratio Lower Upper
43 100
70 53.6 45.0 67.4
55 28.3 23.8 35.6
61 27.4 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 24.829 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

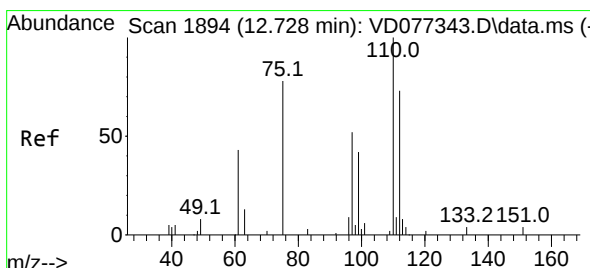
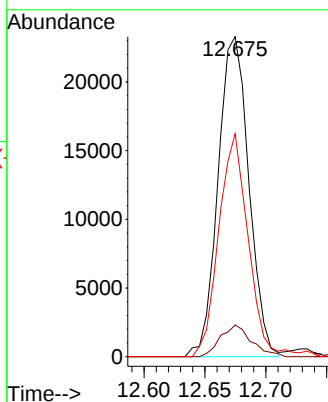
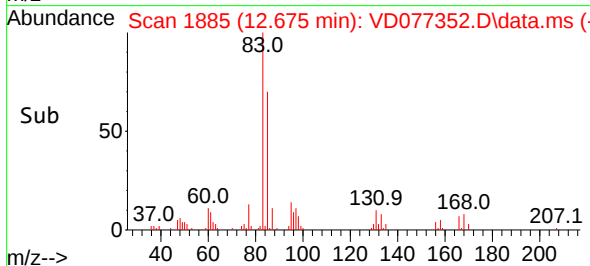
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01



Tgt Ion: 83 Resp: 40994
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.3
85 67.1 32.6 97.8

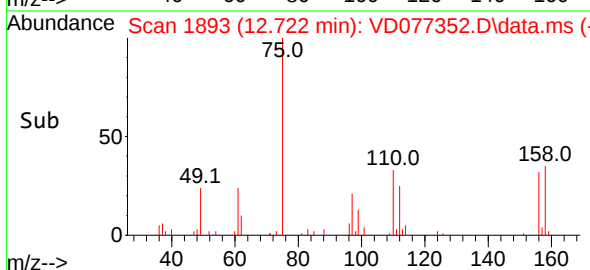
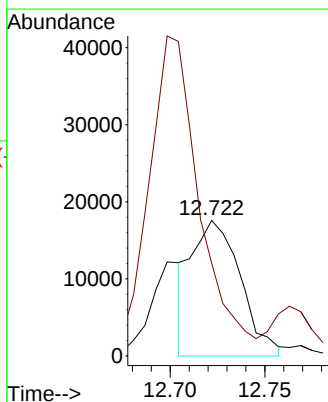
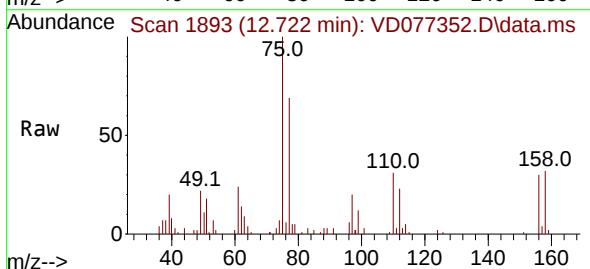
Manual Integrations
APPROVED

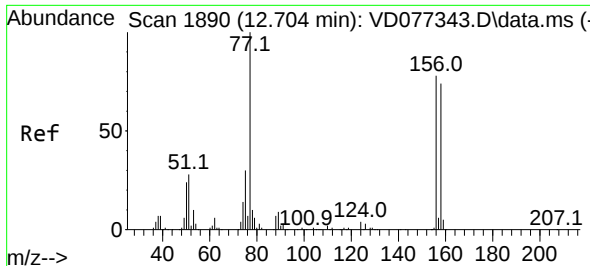
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#76
1,2,3-Trichloropropane
Concen: 18.732 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

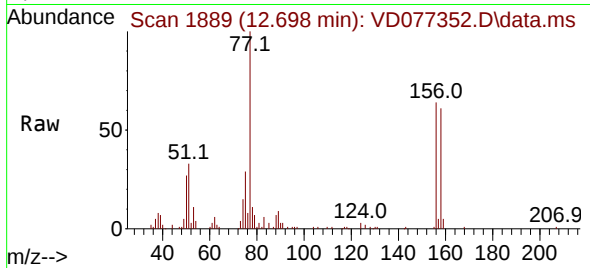
Tgt Ion: 75 Resp: 31552
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.366 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

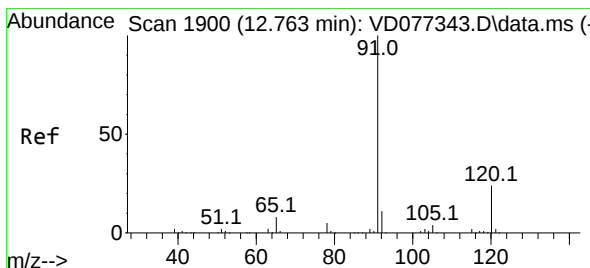
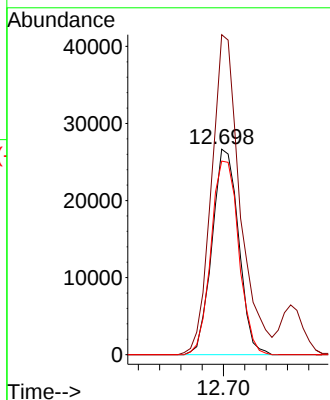
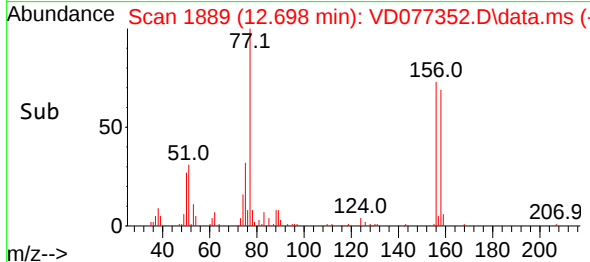
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01



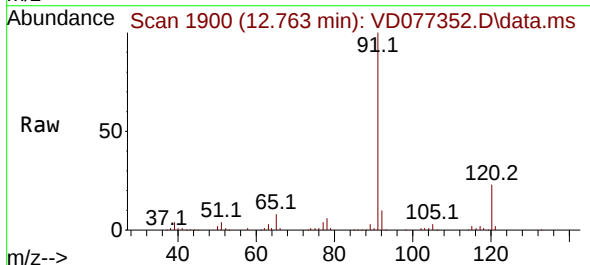
Tgt Ion:156 Resp: 4619
Ion Ratio Lower Upper
156 100
77 167.7 76.8 230.4
158 98.1 48.6 145.9

Manual Integrations
APPROVED

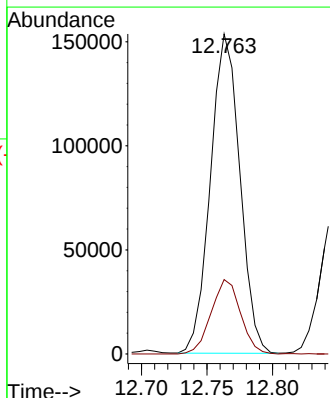
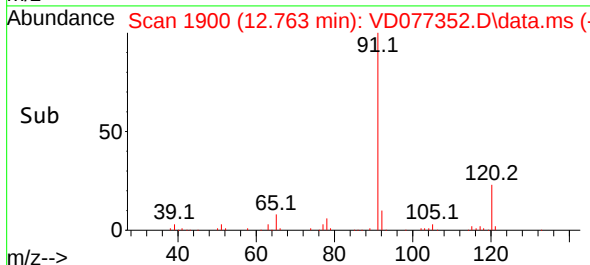
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

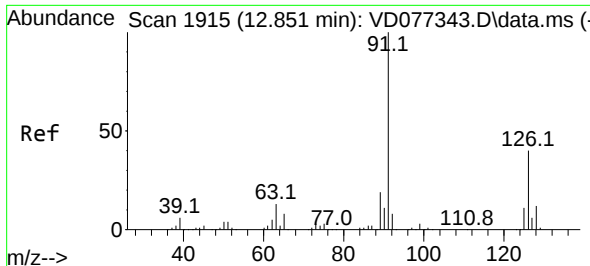


#78
n-propylbenzene
Concen: 21.867 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42



Tgt Ion: 91 Resp: 239276
Ion Ratio Lower Upper
91 100
120 23.3 12.4 37.2





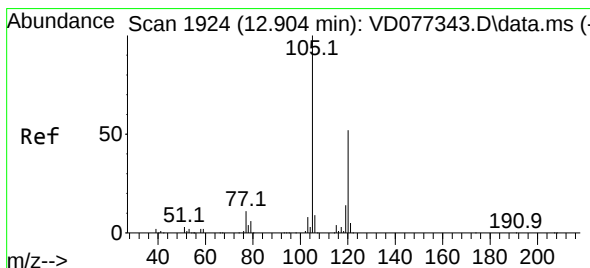
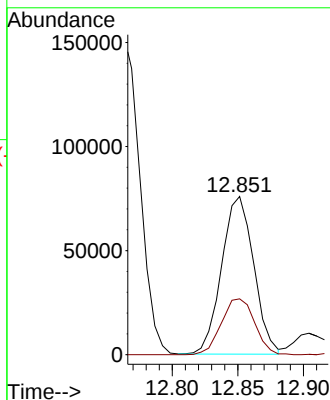
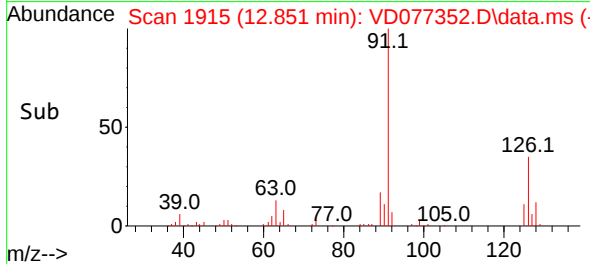
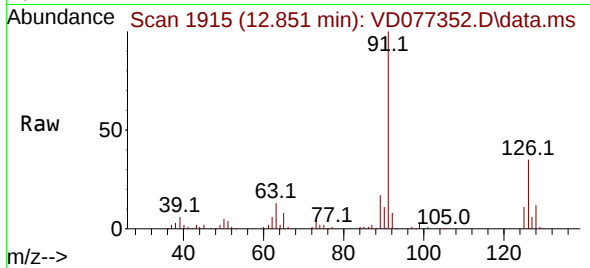
#79
2-Chlorotoluene
Concen: 21.664 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

Tgt Ion: 91 Resp: 129110
Ion Ratio Lower Upper
91 100
126 36.7 19.4 58.1

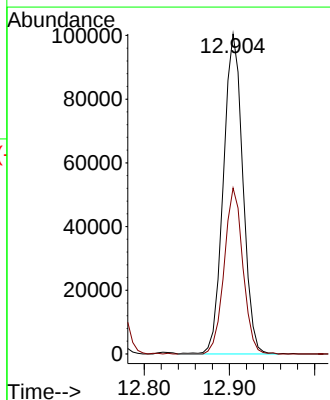
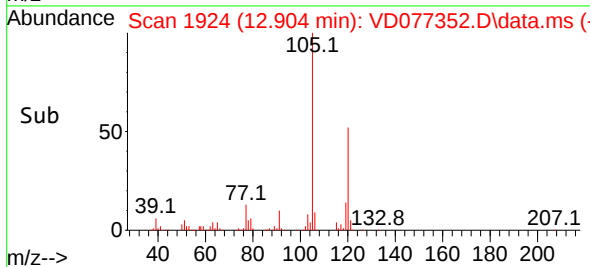
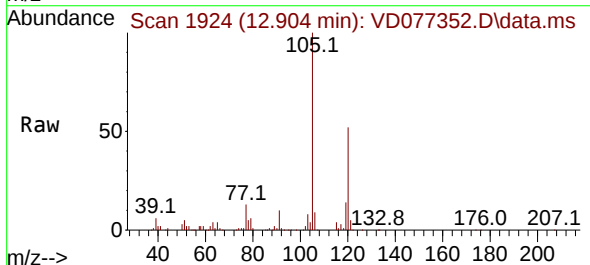
Manual Integrations
APPROVED

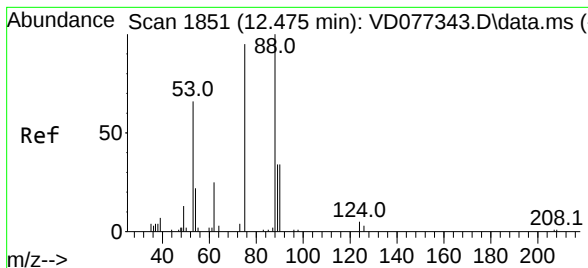
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.252 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

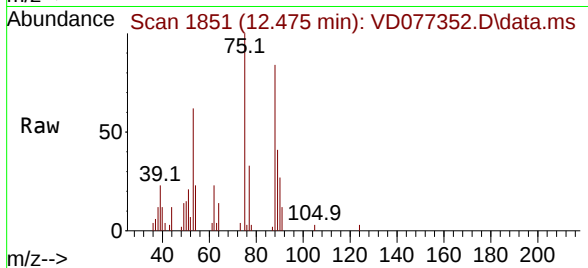
Tgt Ion:105 Resp: 159343
Ion Ratio Lower Upper
105 100
120 49.7 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 23.771 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

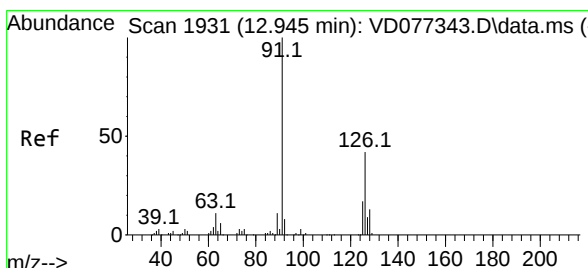
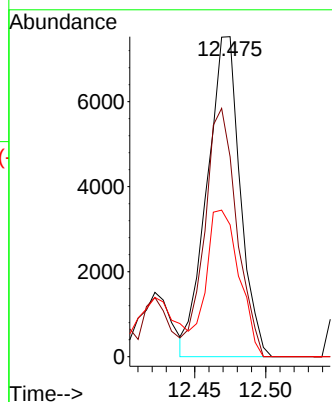
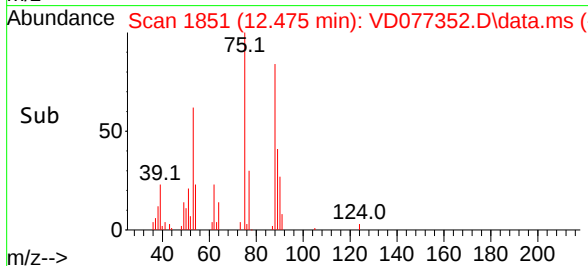
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01



Tgt Ion: 75 Resp: 12180
Ion Ratio Lower Upper
75 100
53 75.2 63.0 94.4
89 46.0 37.9 56.9

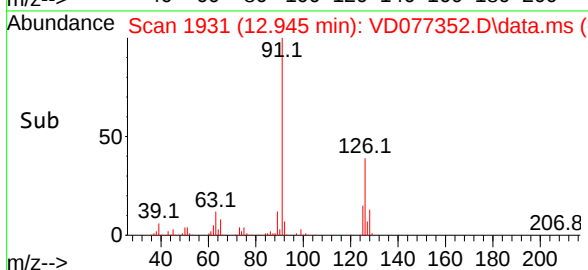
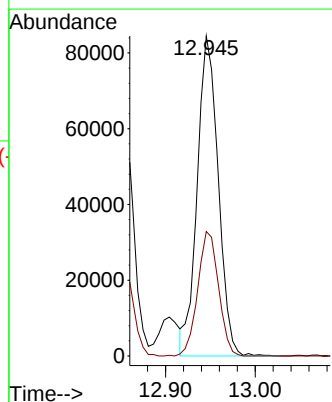
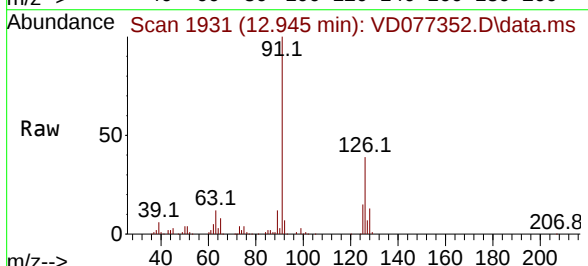
Manual Integrations
APPROVED

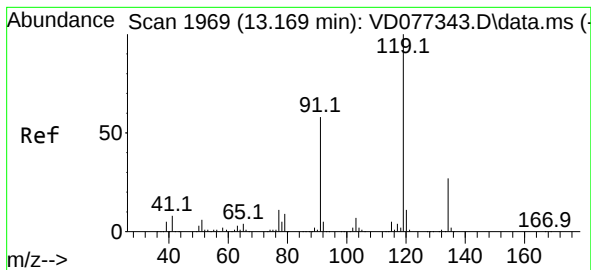
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#82
4-Chlorotoluene
Concen: 22.114 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion: 91 Resp: 137220
Ion Ratio Lower Upper
91 100
126 38.6 19.4 58.4





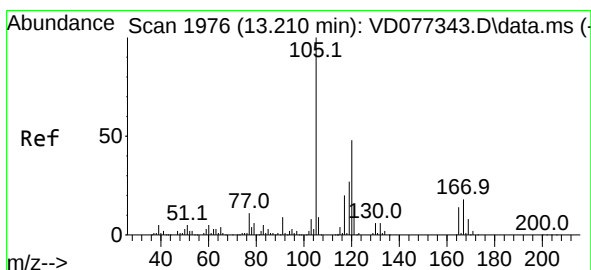
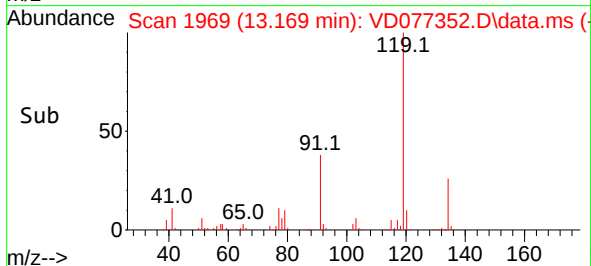
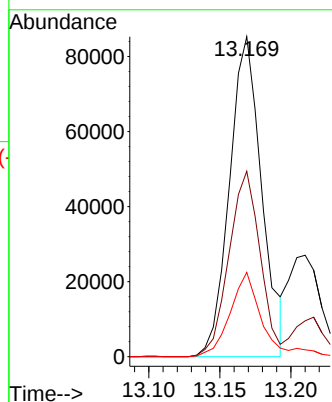
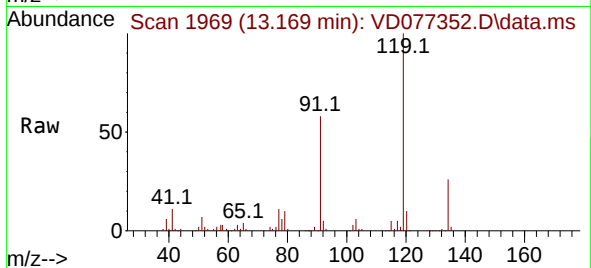
#83
tert-Butylbenzene
Concen: 20.252 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

Tgt Ion:119 Resp: 13462
Ion Ratio Lower Upper
119 100
91 56.0 29.3 87.8
134 26.3 14.1 42.3

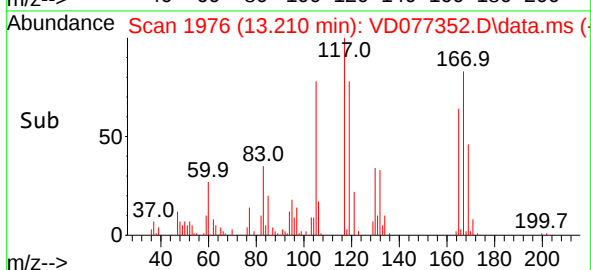
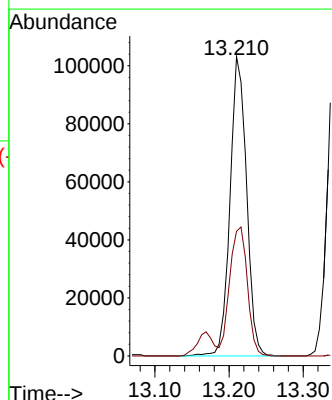
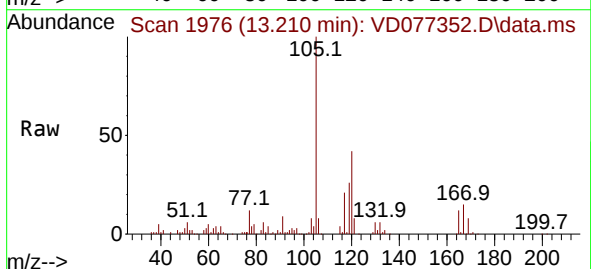
Manual Integrations
APPROVED

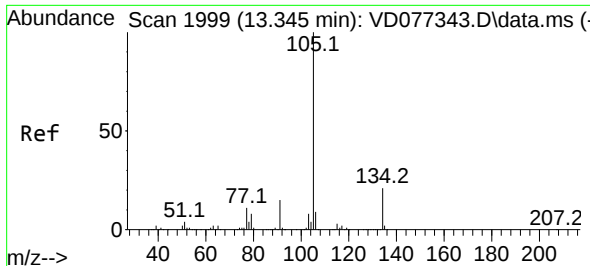
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 21.138 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion:105 Resp: 159570
Ion Ratio Lower Upper
105 100
120 45.9 24.3 72.9





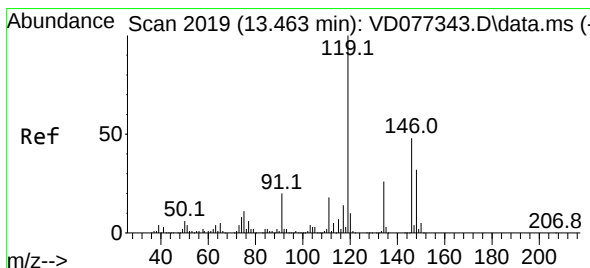
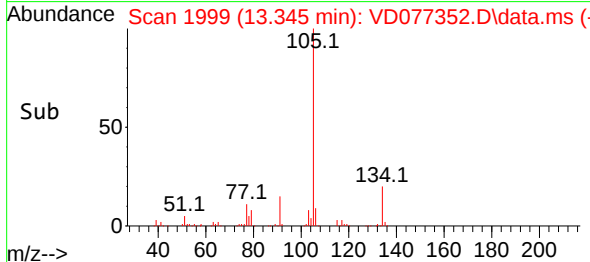
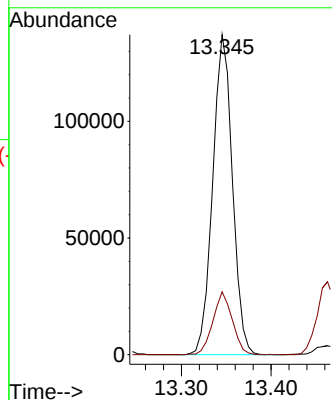
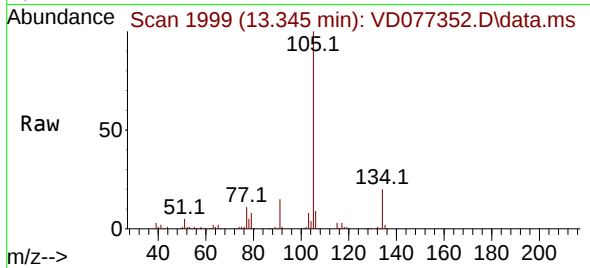
#85
 sec-Butylbenzene
 Concen: 20.890 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077352.D
 Acq: 19 Oct 2023 13:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBSD01

Tgt Ion:105 Resp: 208960
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.9 32.9

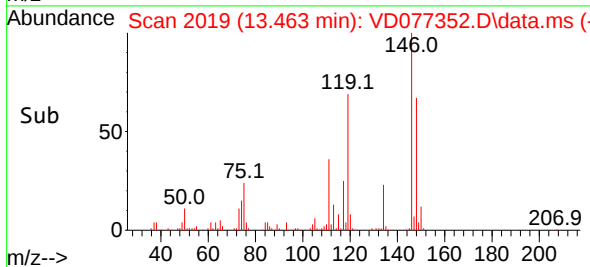
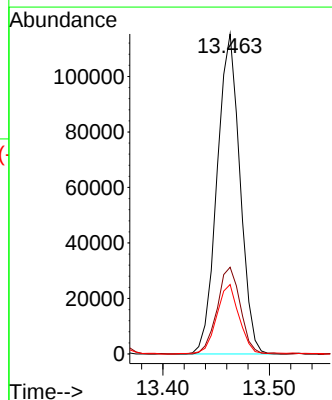
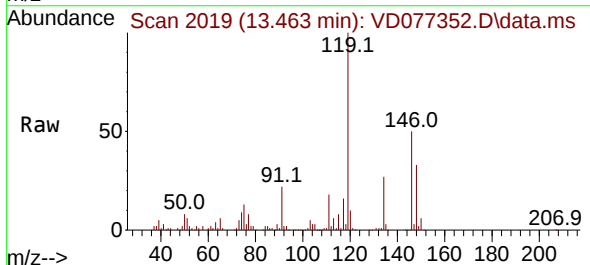
Manual Integrations
 APPROVED

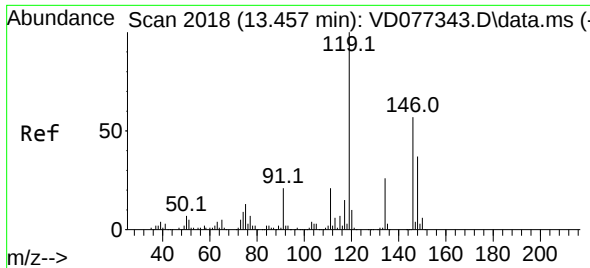
Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#86
 p-Isopropyltoluene
 Concen: 19.777 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077352.D
 Acq: 19 Oct 2023 13:42

Tgt Ion:119 Resp: 171863
 Ion Ratio Lower Upper
 119 100
 134 27.3 14.2 42.6
 91 21.5 10.5 31.5





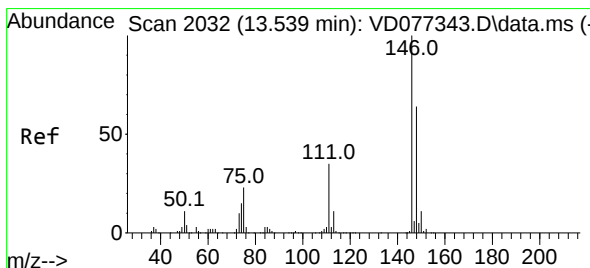
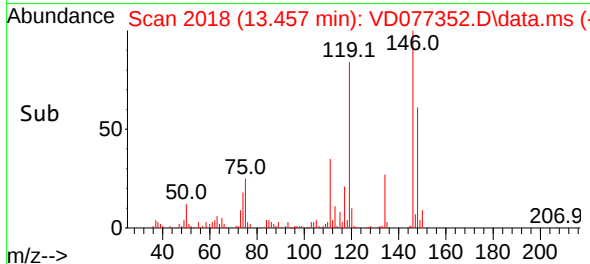
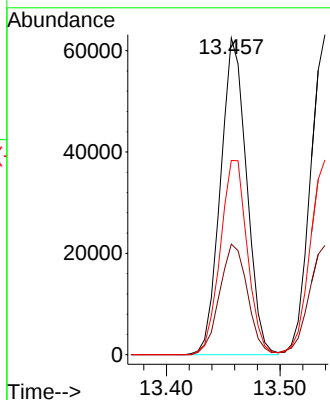
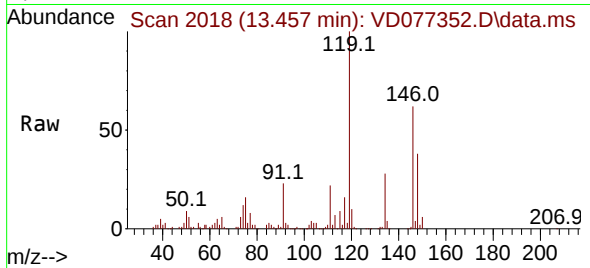
#87
1,3-Dichlorobenzene
Concen: 19.870 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

Tgt Ion:146 Resp: 99740
Ion Ratio Lower Upper
146 100
111 37.4 17.9 53.8
148 63.7 32.3 96.8

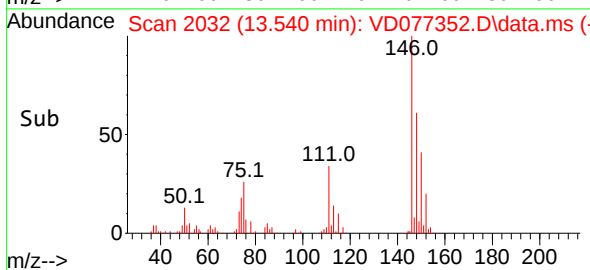
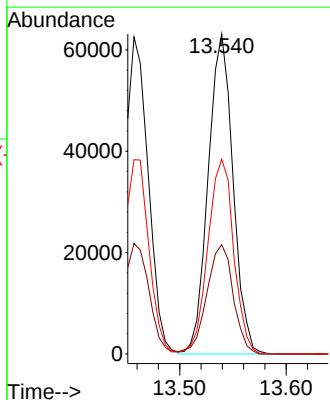
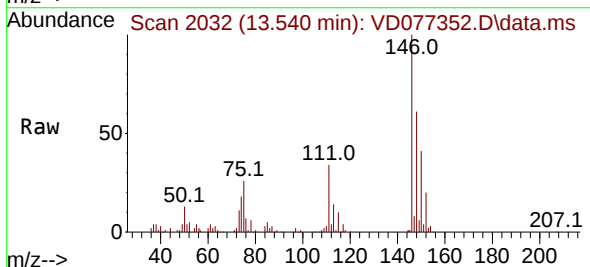
Manual Integrations
APPROVED

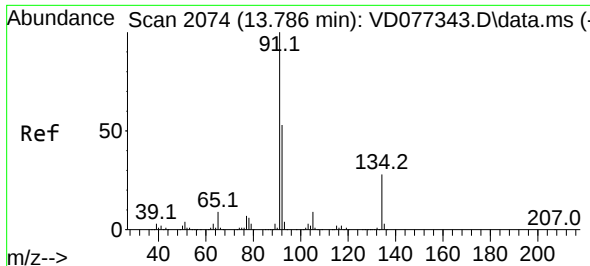
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#88
1,4-Dichlorobenzene
Concen: 20.551 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

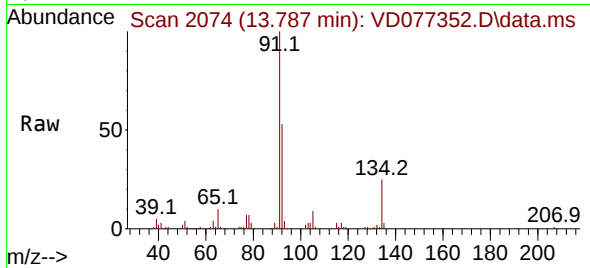
Tgt Ion:146 Resp: 102231
Ion Ratio Lower Upper
146 100
111 36.3 17.4 52.3
148 63.1 31.7 95.1





#89
n-Butylbenzene
Concen: 21.293 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

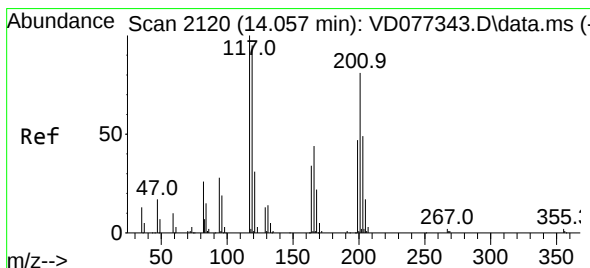
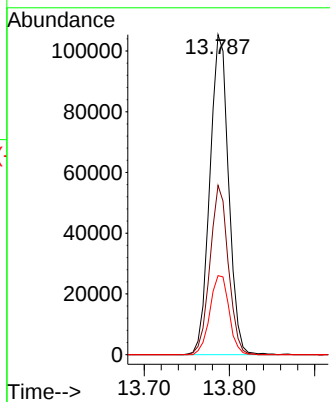
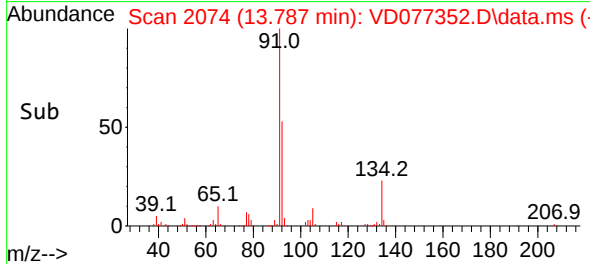
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01



Tgt Ion: 91 Resp: 16112
Ion Ratio Lower Upper
91 100
92 51.9 26.5 79.5
134 25.2 13.8 41.3

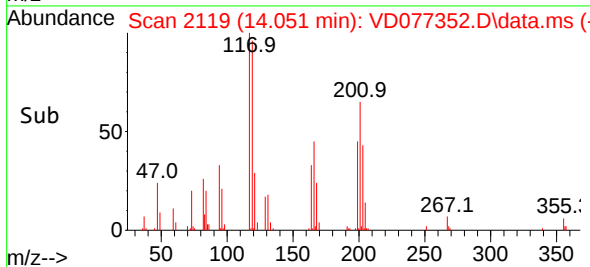
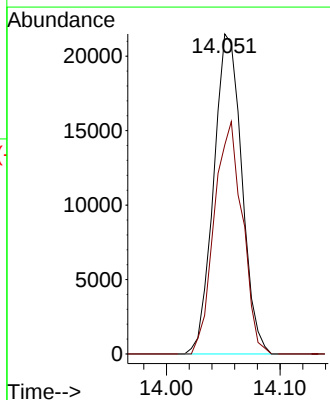
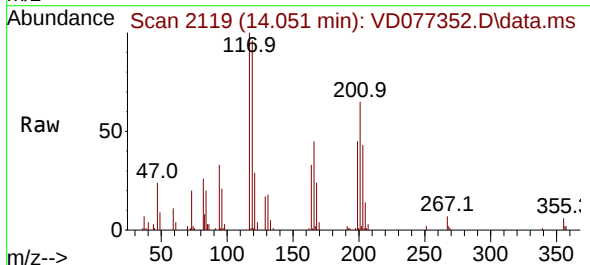
Manual Integrations
APPROVED

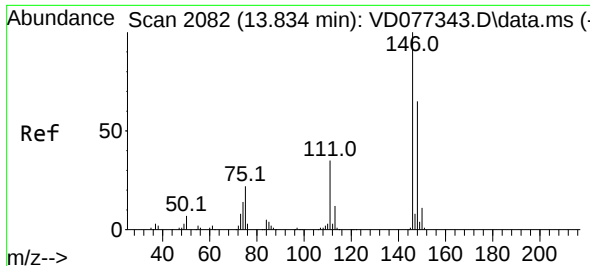
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#90
Hexachloroethane
Concen: 21.042 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion:117 Resp: 36962
Ion Ratio Lower Upper
117 100
201 72.9 38.5 115.5





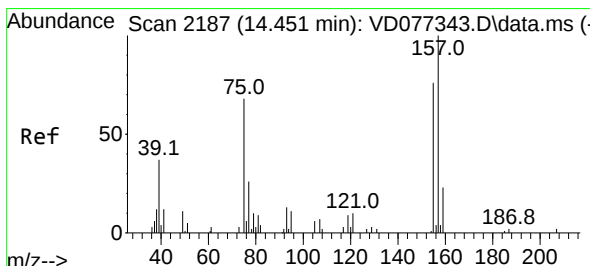
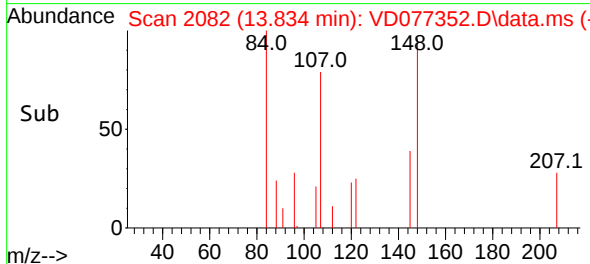
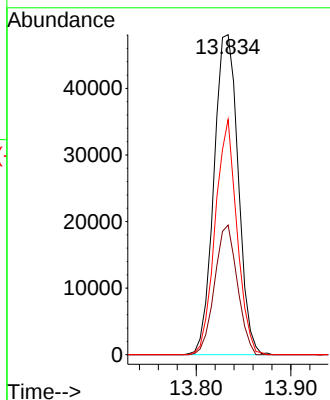
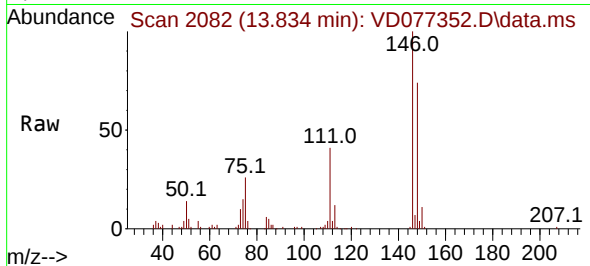
#91
1,2-Dichlorobenzene
Concen: 20.182 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01

Tgt Ion:146 Resp: 8558
Ion Ratio Lower Upper
146 100
111 38.0 18.3 54.8
148 65.9 31.6 94.7

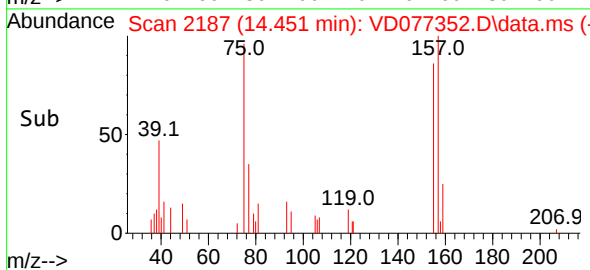
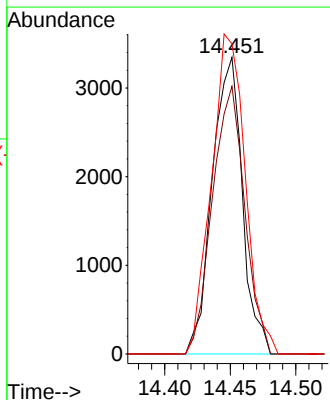
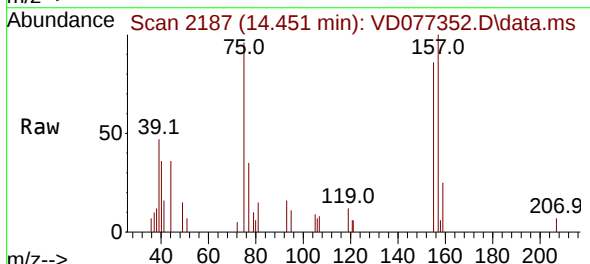
Manual Integrations
APPROVED

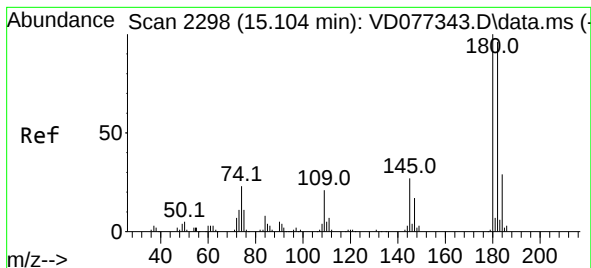
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 26.385 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion: 75 Resp: 5332
Ion Ratio Lower Upper
75 100
155 96.8 47.9 143.8
157 120.9 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 18.340 ug/l

RT: 15.098 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBSD01

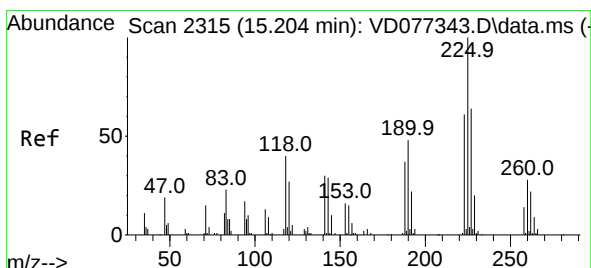
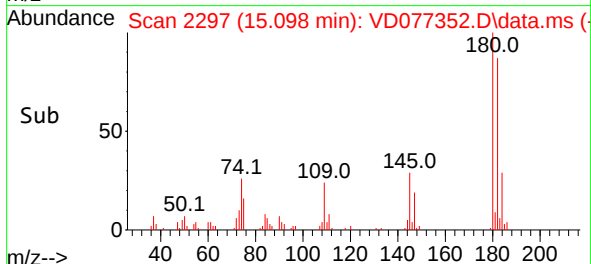
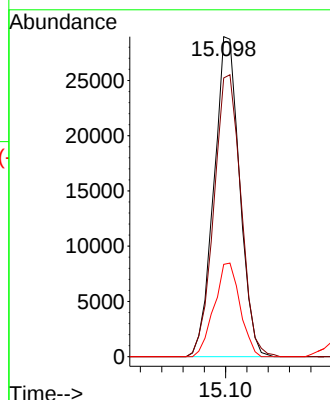
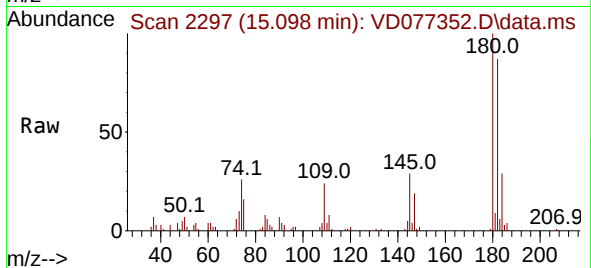
Tgt Ion:	180	Resp:	4845
Ion Ratio	Lower	Upper	
180	100		
182	92.6	48.5	145.6
145	29.3	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#94

Hexachlorobutadiene

Concen: 16.554 ug/l

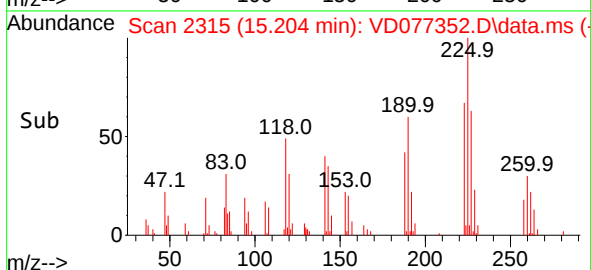
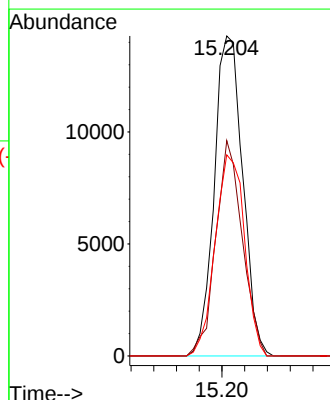
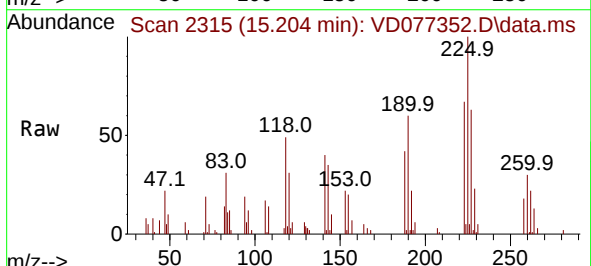
RT: 15.204 min Scan# 2315

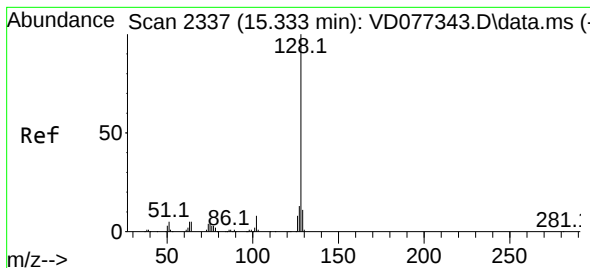
Delta R.T. 0.000 min

Lab File: VD077352.D

Acq: 19 Oct 2023 13:42

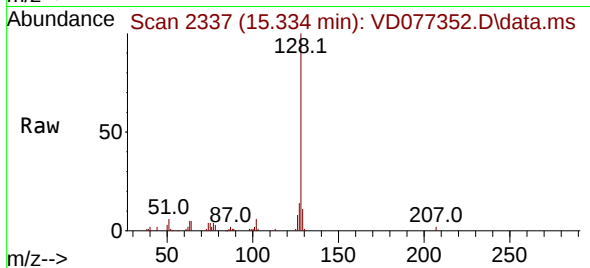
Tgt Ion:	225	Resp:	24839
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.6	94.8
227	64.8	31.7	95.1





#95
Naphthalene
Concen: 19.380 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

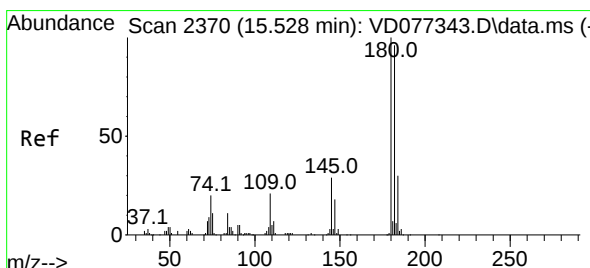
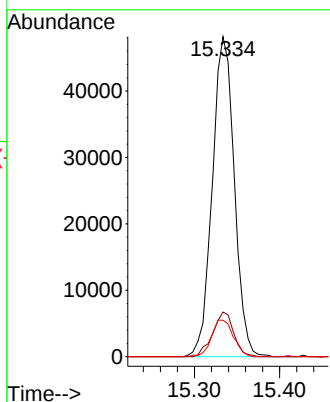
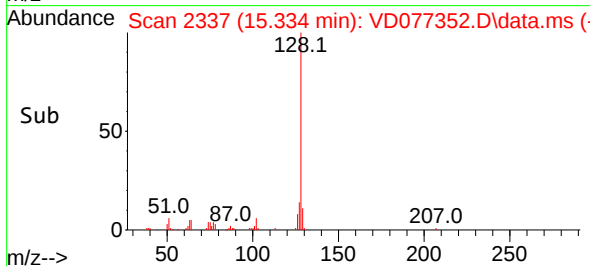
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBSD01



Tgt Ion:128 Resp: 86450
Ion Ratio Lower Upper
128 100
127 14.0 10.5 15.7
129 11.4 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: 18.853 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD077352.D
Acq: 19 Oct 2023 13:42

Tgt Ion:180 Resp: 43235
Ion Ratio Lower Upper
180 100
182 91.9 47.3 141.9
145 29.5 15.1 45.3

