

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032724\
 Data File : VD078754.D
 Acq On : 27 Mar 2024 16:11
 Operator : RP/MD
 Sample : VD0327SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBS01

Quant Time: Mar 28 05:10:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/28/2024
 Supervised By :Semsettin Yesilyurt 03/28/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	106467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	184226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	189278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	53896	54.016	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.040%			
35) Dibromofluoromethane	7.805	113	61486	51.837	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.680%			
50) Toluene-d8	10.269	98	221839	50.854	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.700%			
62) 4-Bromofluorobenzene	12.575	95	71756	56.226	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 112.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	16926	17.081	ug/l	100
3) Chloromethane	2.152	50	26662	17.041	ug/l	96
4) Vinyl Chloride	2.287	62	38648	16.745	ug/l	97
5) Bromomethane	2.693	94	37526	16.981	ug/l	96
6) Chloroethane	2.840	64	31811	17.674	ug/l	97
7) Trichlorofluoromethane	3.181	101	34848	19.085	ug/l	94
8) Diethyl Ether	3.599	74	10543	19.776	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.970	101	22230	19.399	ug/l	99
10) Methyl Iodide	4.164	142	23589	17.402	ug/l	98
11) Tert butyl alcohol	5.046	59	5445m	121.941	ug/l	
12) 1,1-Dichloroethene	3.946	96	19763	18.142	ug/l	98
13) Acrolein	3.799	56	7589	108.495	ug/l	100
14) Allyl chloride	4.564	41	23026	18.944	ug/l	97
15) Acrylonitrile	5.258	53	23480	109.256	ug/l	98
16) Acetone	4.022	43	23351	121.026	ug/l	94
17) Carbon Disulfide	4.275	76	45987	12.877	ug/l	98
18) Methyl Acetate	4.575	43	8235	19.888	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	44490	20.252	ug/l	95
20) Methylene Chloride	4.811	84	31981	21.540	ug/l	97
21) trans-1,2-Dichloroethene	5.317	96	23353	18.168	ug/l	94
22) Diisopropyl ether	6.216	45	57627	20.853	ug/l	97
23) Vinyl Acetate	6.158	43	169158	104.645	ug/l	100
24) 1,1-Dichloroethane	6.111	63	43398	20.946	ug/l	97
25) 2-Butanone	7.087	43	28765	112.136	ug/l	99
26) 2,2-Dichloropropane	7.069	77	33768	19.263	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	27620	18.840	ug/l	96
28) Bromochloromethane	7.428	49	17517	23.714	ug/l	93
29) Tetrahydrofuran	7.446	42	15738	112.800	ug/l	97
30) Chloroform	7.599	83	47242	20.450	ug/l	91
31) Cyclohexane	7.875	56	28561	17.030	ug/l #	96
32) 1,1,1-Trichloroethane	7.799	97	39887	20.350	ug/l	97
36) 1,1-Dichloropropene	8.005	75	30974	17.998	ug/l	97
37) Ethyl Acetate	7.175	43	12287	21.854	ug/l #	95
38) Carbon Tetrachloride	7.993	117	34265	18.886	ug/l #	93
39) Methylcyclohexane	9.275	83	30962	15.509	ug/l	98
40) Benzene	8.252	78	101117	19.437	ug/l	95

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Manual Integrations
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Reviewed By :Mahesh Dadoda 03/28/2024
 Supervised By :Semsettin Yesilyurt 03/28/2024

Quant Time: Mar 28 05:10:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.416	41	6545	22.214	ug/l	92
42) 1,2-Dichloroethane	8.328	62	29664	23.381	ug/l	99
43) Isopropyl Acetate	8.363	43	23851	23.327	ug/l	94
44) Trichloroethene	9.034	130	25781	18.261	ug/l	96
45) 1,2-Dichloropropane	9.310	63	24262	19.660	ug/l	95
46) Dibromomethane	9.393	93	15586	21.068	ug/l	94
47) Bromodichloromethane	9.587	83	38615	21.926	ug/l	98
48) Methyl methacrylate	9.375	41	9923	19.918	ug/l	93
49) 1,4-Dioxane	9.381	88	2984	435.645	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	60389	112.973	ug/l	98
52) Toluene	10.334	92	64929	19.386	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	36251	22.513	ug/l #	48
54) cis-1,3-Dichloropropene	10.016	75	40181	20.758	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	21826	22.032	ug/l	94
56) Ethyl methacrylate	10.599	69	22512	22.668	ug/l	93
57) 1,3-Dichloropropane	10.881	76	38606	24.151	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.869	63	50223	114.689	ug/l	99
59) 2-Hexanone	10.922	43	48017	121.175	ug/l	99
60) Dibromochloromethane	11.075	129	26631	21.798	ug/l	98
61) 1,2-Dibromoethane	11.175	107	19426	20.262	ug/l	98
64) Tetrachloroethene	10.816	164	22801	18.203	ug/l	89
65) Chlorobenzene	11.604	112	77435	19.577	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	29634	20.458	ug/l #	79
67) Ethyl Benzene	11.681	91	141616	21.011	ug/l	95
68) m/p-Xylenes	11.793	106	103102	37.670	ug/l	96
69) o-Xylene	12.122	106	49342m	19.485	ug/l	
70) Styrene	12.134	104	87023	20.474	ug/l	95
71) Bromoform	12.299	173	15973	20.404	ug/l #	92
73) Isopropylbenzene	12.422	105	261328	41.660	ug/l #	72
74) N-amyl acetate	12.234	43	21877	21.480	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	25808	22.225	ug/l	69
76) 1,2,3-Trichloropropane	12.716	75	15566m	21.206	ug/l	
77) Bromobenzene	12.698	156	32931	21.169	ug/l	97
78) n-propylbenzene	12.763	91	153334	20.082	ug/l	100
79) 2-Chlorotoluene	12.851	91	83315	19.890	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	99578	19.196	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	7049	20.130	ug/l	91
82) 4-Chlorotoluene	12.946	91	89154	20.123	ug/l	98
83) tert-Butylbenzene	13.163	119	98866	22.104	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.210	105	103979	19.890	ug/l	94
85) sec-Butylbenzene	13.346	105	131475	19.424	ug/l	99
86) p-Isopropyltoluene	13.463	119	133537	23.045	ug/l	93
87) 1,3-Dichlorobenzene	13.457	146	66871	20.370	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	65490	20.242	ug/l	100
89) n-Butylbenzene	13.787	91	103179	19.716	ug/l	99
90) Hexachloroethane	14.051	117	23954	19.978	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	56290	19.909	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3965	25.524	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	35591	21.569	ug/l	96
94) Hexachlorobutadiene	15.204	225	18311	20.498	ug/l	96
95) Naphthalene	15.334	128	59346	20.686	ug/l	96
96) 1,2,3-Trichlorobenzene	15.516	180	30844	21.607	ug/l	100

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Instrument :
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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
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

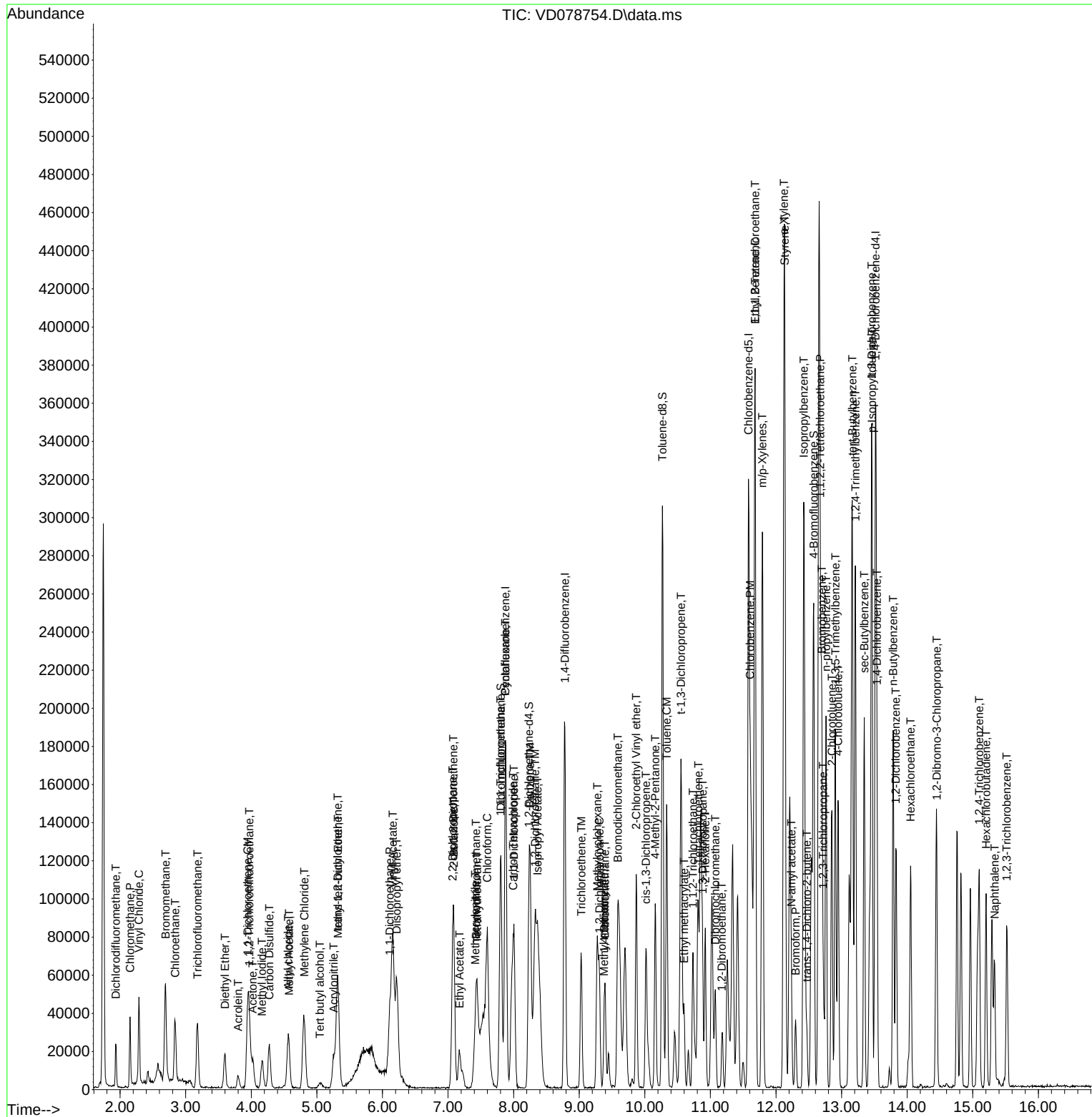
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032724\
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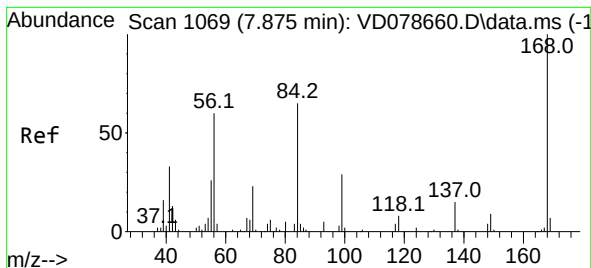
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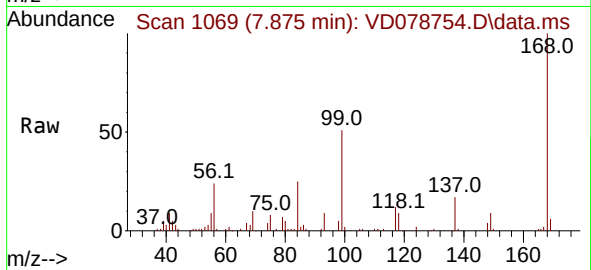
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

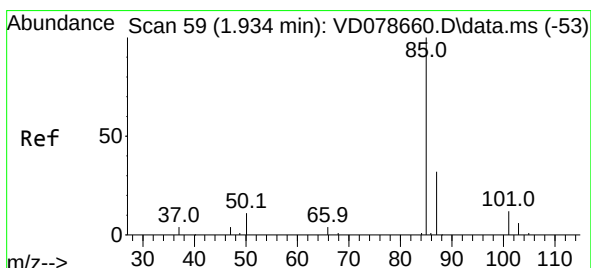
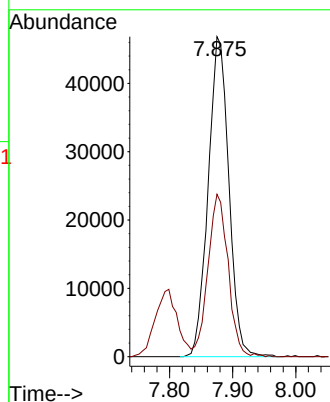
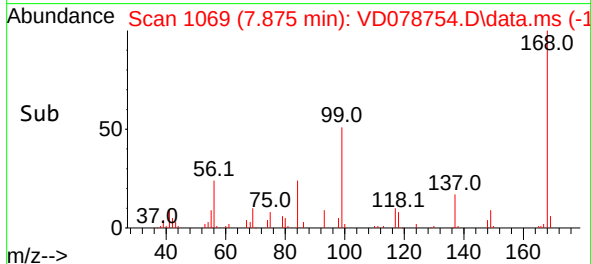
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01



Tgt Ion:168 Resp: 10646
Ion Ratio Lower Upper
168 100
99 50.8 38.8 58.2

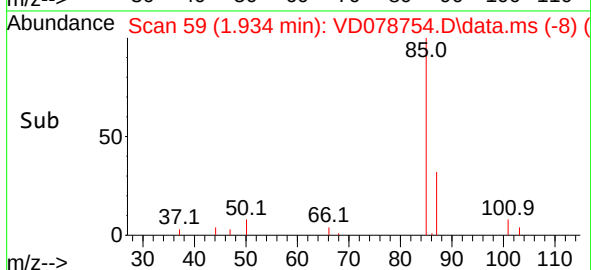
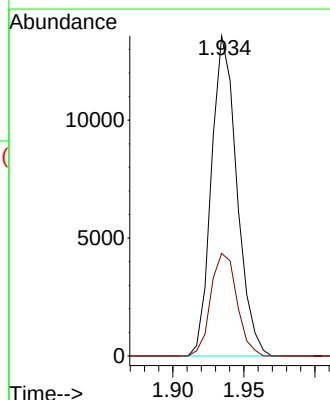
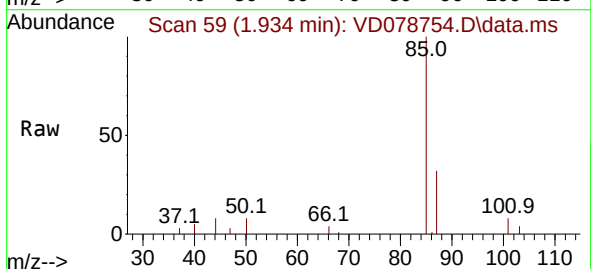
Manual Integrations
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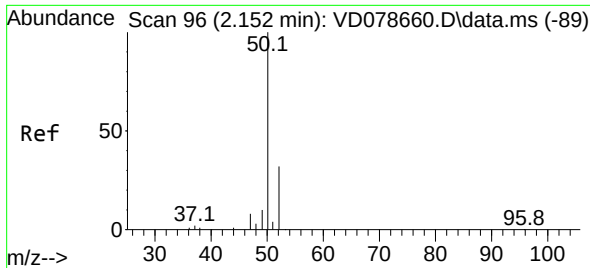
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#2
Dichlorodifluoromethane
Concen: 17.081 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion: 85 Resp: 16926
Ion Ratio Lower Upper
85 100
87 32.1 16.2 48.5





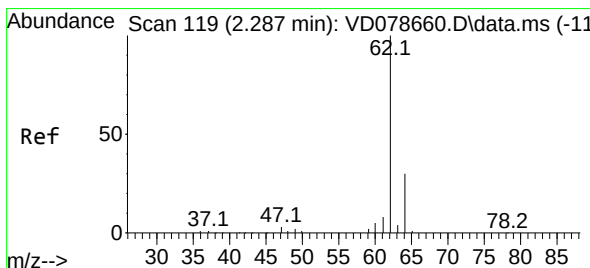
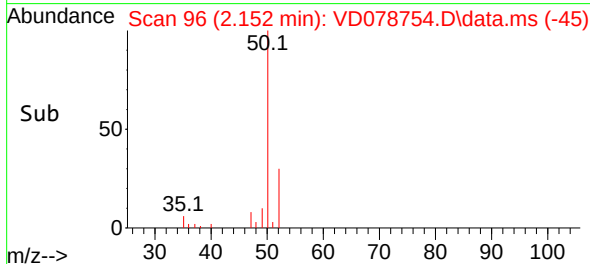
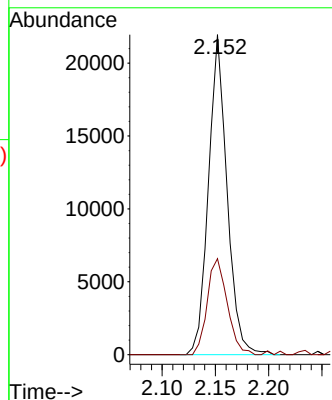
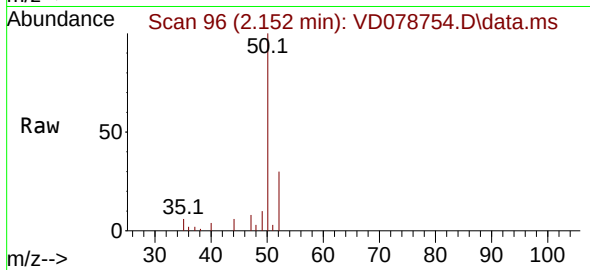
#3
Chloromethane
Concen: 17.041 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 26662
Ion Ratio Lower Upper
50 100
52 30.0 25.6 38.4

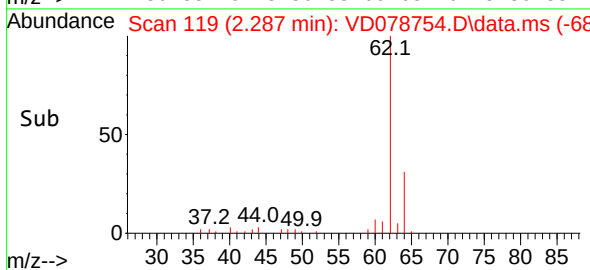
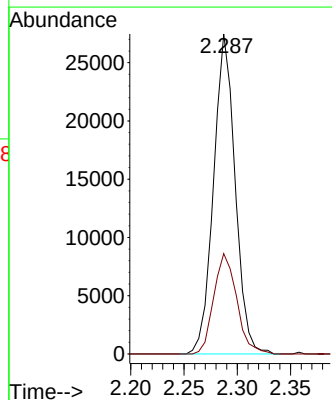
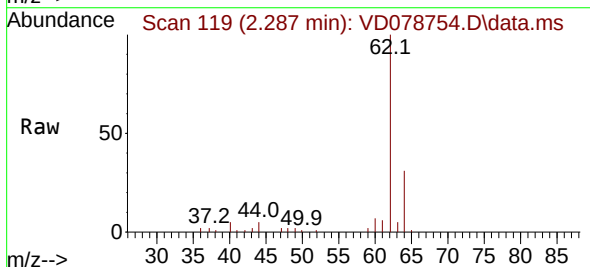
Manual Integrations
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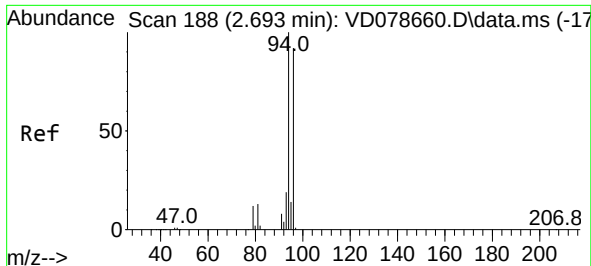
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#4
Vinyl Chloride
Concen: 16.745 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

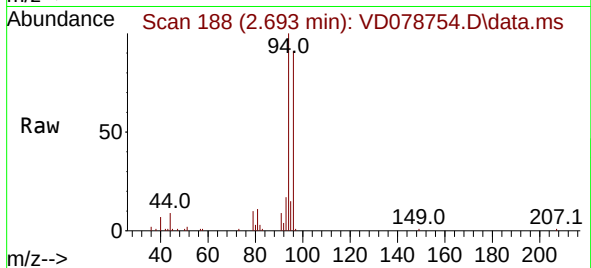
Tgt Ion: 62 Resp: 38648
Ion Ratio Lower Upper
62 100
64 31.4 23.7 35.5





#5
Bromomethane
Concen: 16.981 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

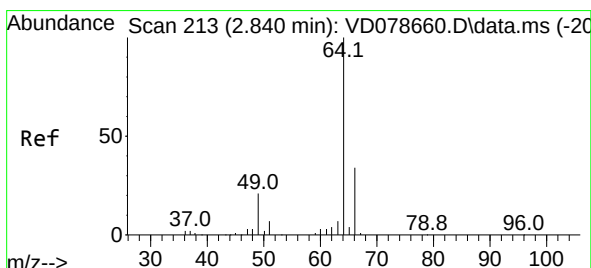
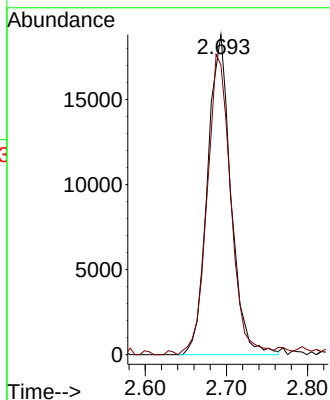
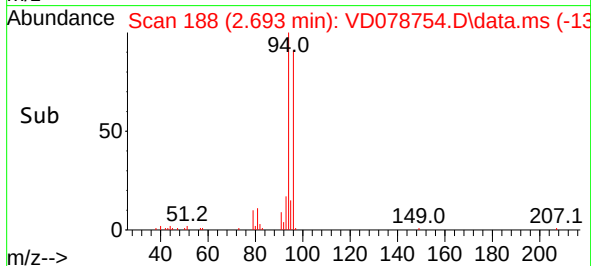
Instrument :
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Tgt Ion: 94 Resp: 37520
Ion Ratio Lower Upper
94 100
96 95.4 73.5 110.3

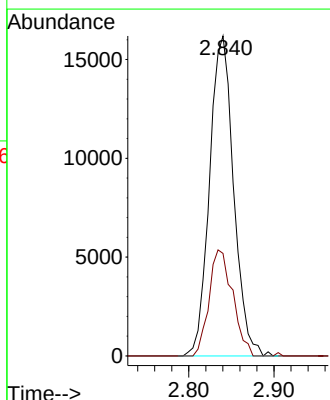
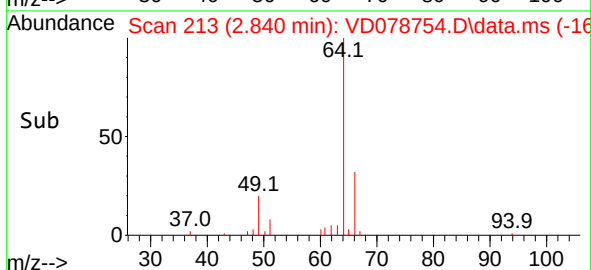
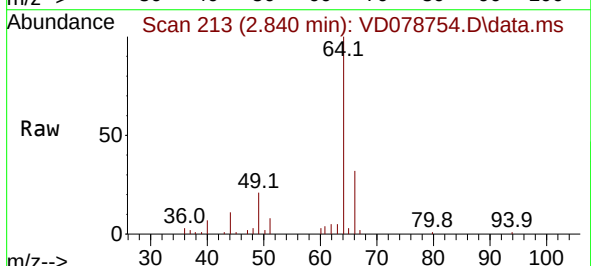
Manual Integrations
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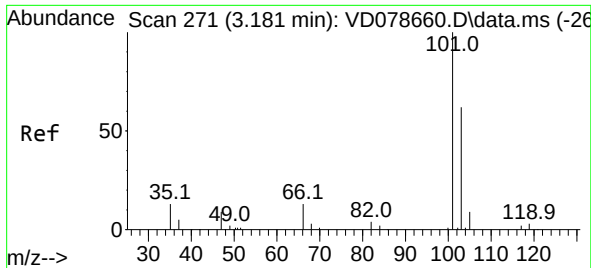
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#6
Chloroethane
Concen: 17.674 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

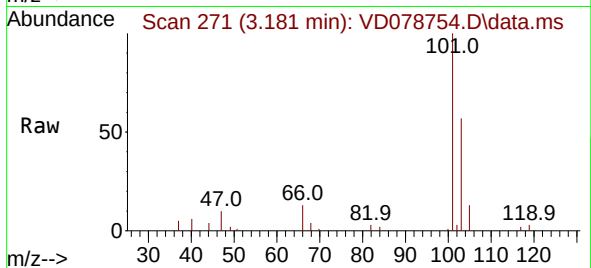
Tgt Ion: 64 Resp: 31811
Ion Ratio Lower Upper
64 100
66 32.1 26.8 40.2





#7
Trichlorofluoromethane
Concen: 19.085 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

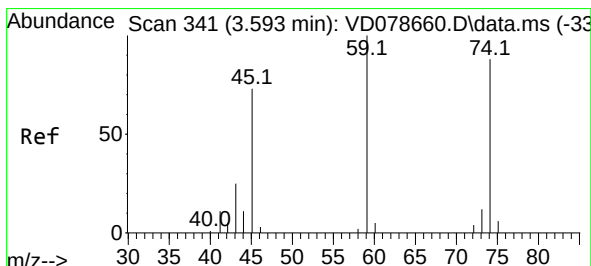
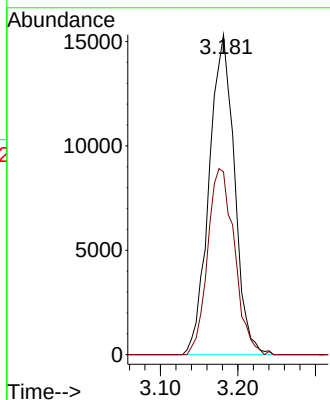
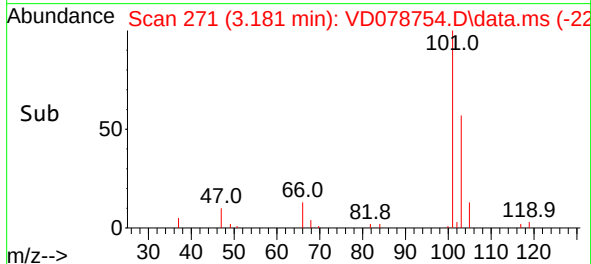
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01



Tgt Ion:101 Resp: 3484
Ion Ratio Lower Upper
101 100
103 57.2 49.7 74.5

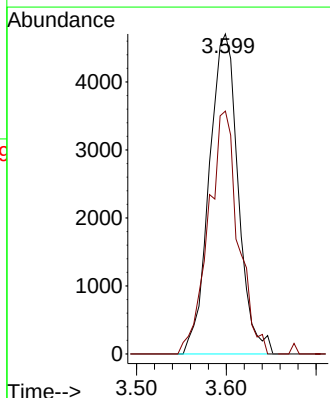
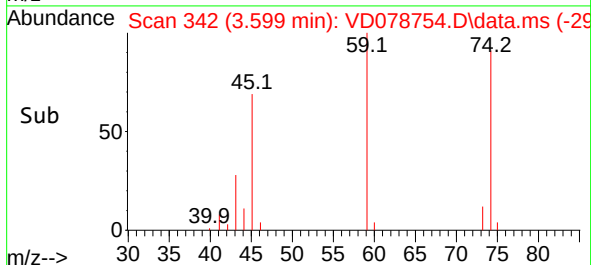
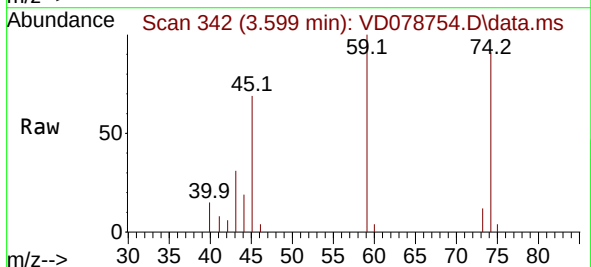
Manual Integrations
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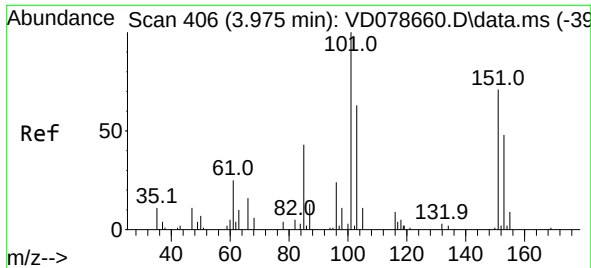
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#8
Diethyl Ether
Concen: 19.776 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion: 74 Resp: 10543
Ion Ratio Lower Upper
74 100
45 78.4 42.4 127.3





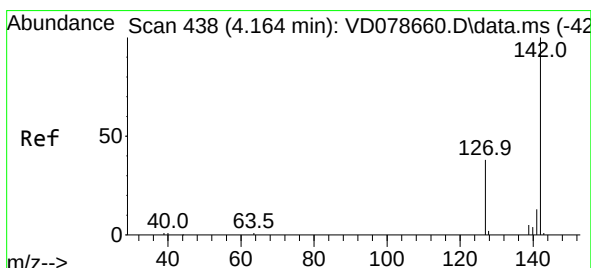
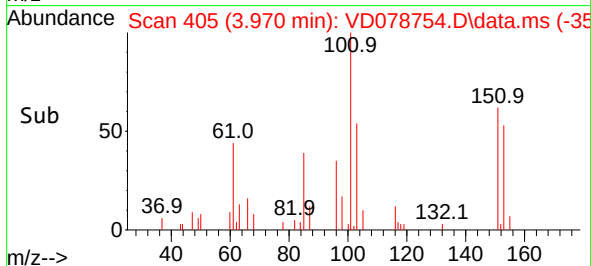
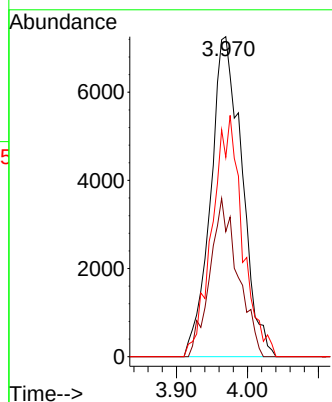
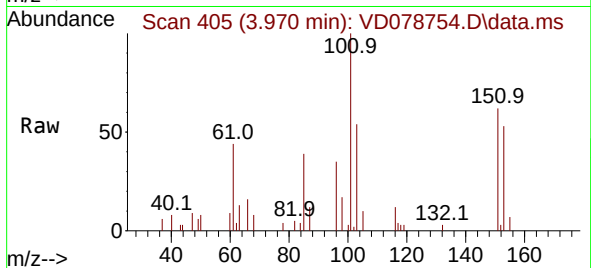
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.399 ug/l
RT: 3.970 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

Tgt Ion:101 Resp: 22230
Ion Ratio Lower Upper
101 100
85 44.4 35.8 53.6
151 72.8 59.4 89.2

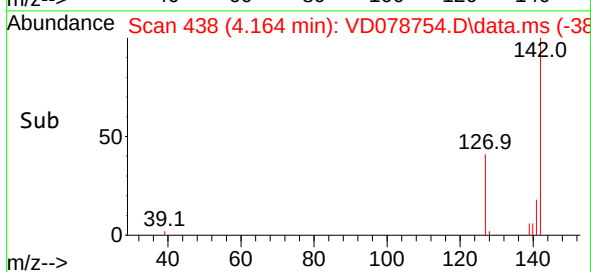
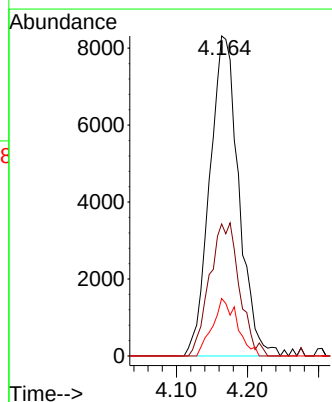
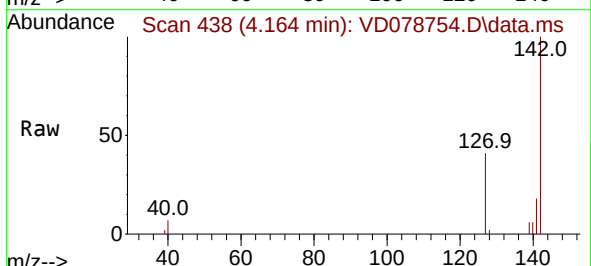
Manual Integrations
APPROVED

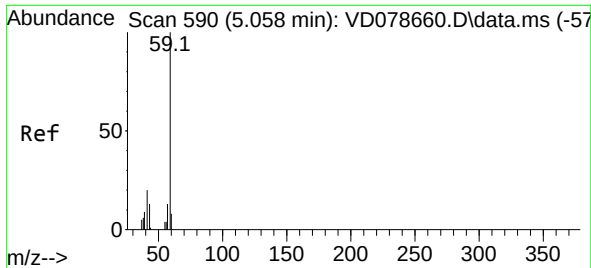
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#10
Methyl Iodide
Concen: 17.402 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

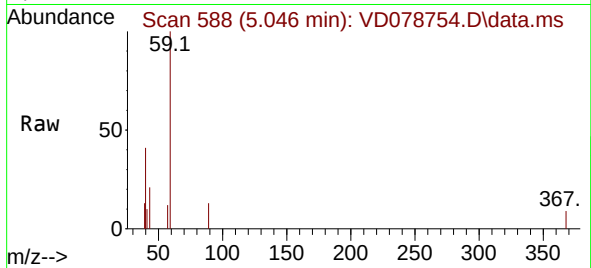
Tgt Ion:142 Resp: 23589
Ion Ratio Lower Upper
142 100
127 42.9 33.5 50.3
141 15.3 11.7 17.5





#11
Tert butyl alcohol
Concen: 121.941 ug/l m
RT: 5.046 min Scan# 50
Delta R.T. -0.012 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

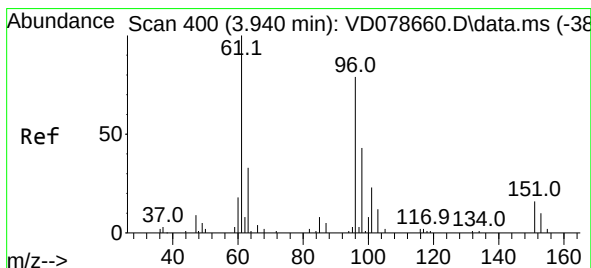
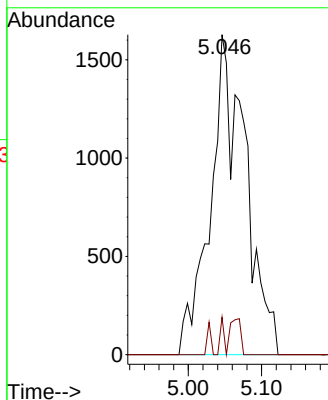
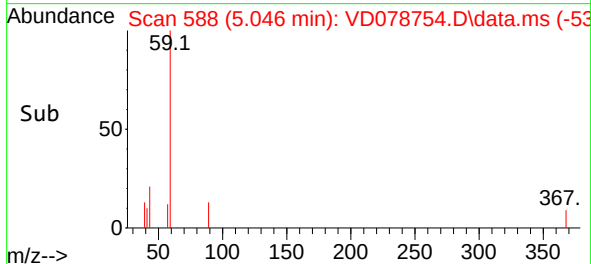
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01



Tgt Ion: 59 Resp: 544
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0

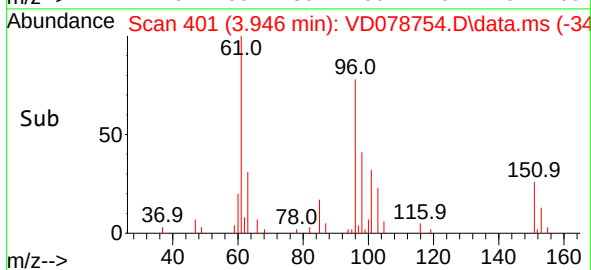
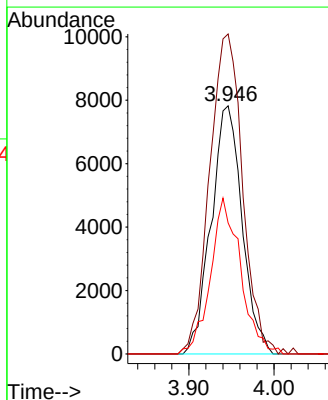
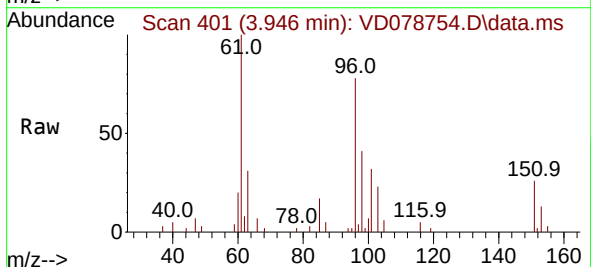
Manual Integrations
APPROVED

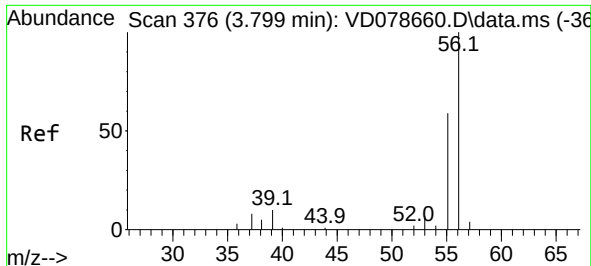
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#12
1,1-Dichloroethene
Concen: 18.142 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

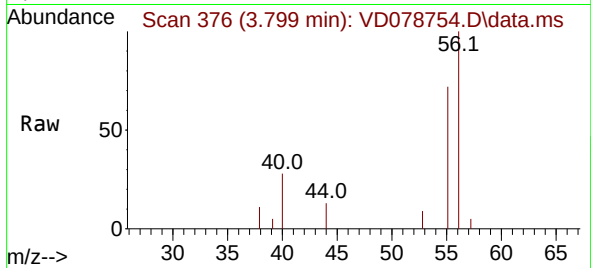
Tgt Ion: 96 Resp: 19763
Ion Ratio Lower Upper
96 100
61 128.9 101.4 152.0
98 52.8 43.4 65.0





#13
Acrolein
Concen: 108.495 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

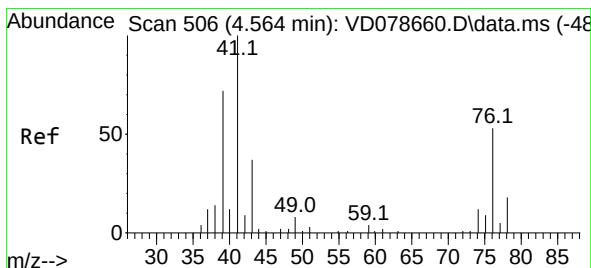
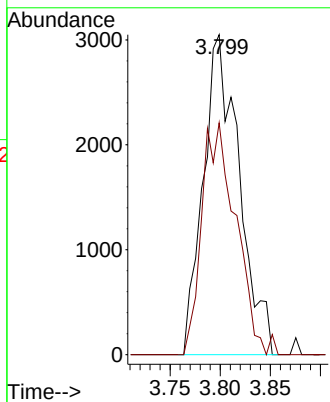
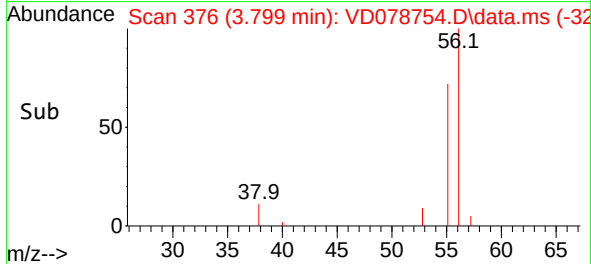
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01



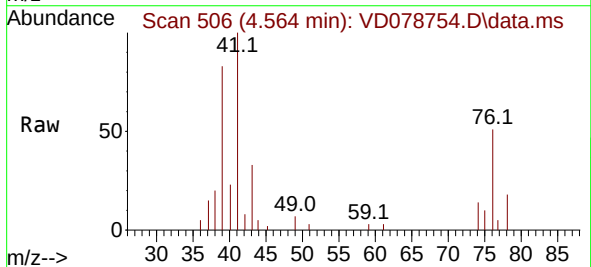
Tgt Ion: 56 Resp: 7589
Ion Ratio Lower Upper
56 100
55 68.3 54.9 82.3

Manual Integrations
APPROVED

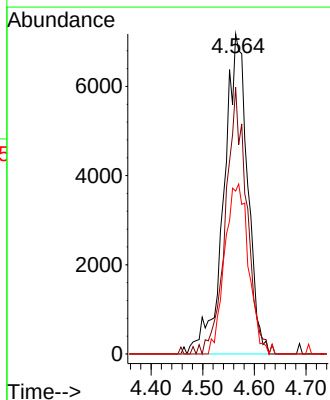
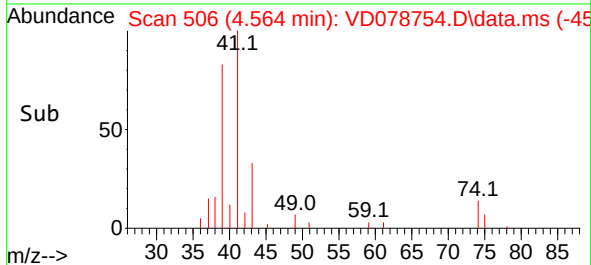
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024

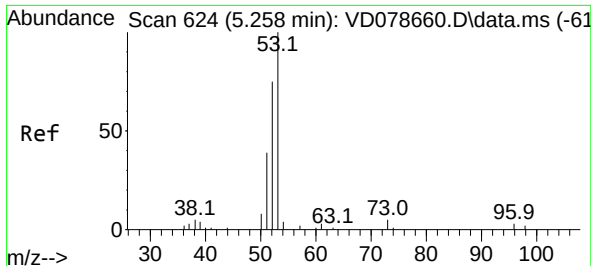


#14
Allyl chloride
Concen: 18.944 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11



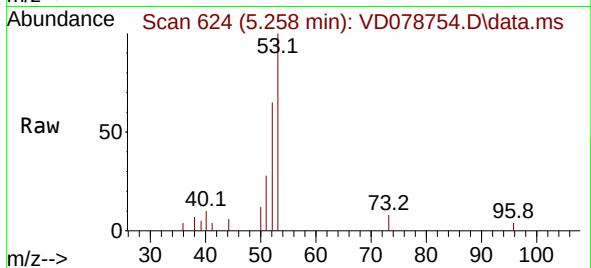
Tgt Ion: 41 Resp: 23026
Ion Ratio Lower Upper
41 100
39 73.4 57.8 86.6
76 53.0 44.8 67.2





#15
Acrylonitrile
Concen: 109.256 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

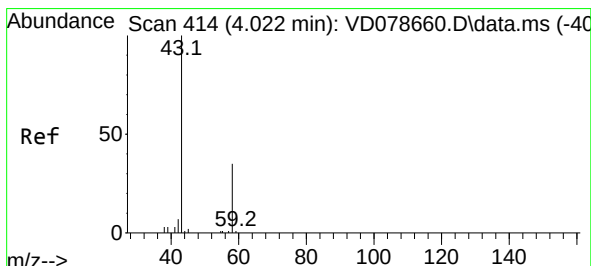
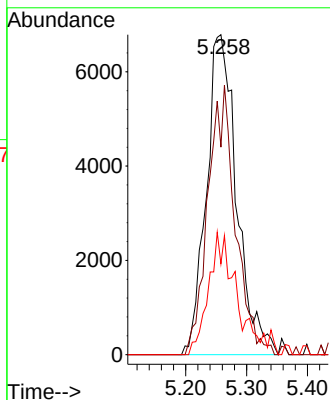
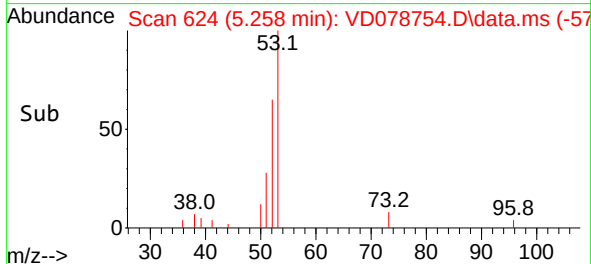
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01



Tgt Ion: 53 Resp: 23480
Ion Ratio Lower Upper
53 100
52 76.1 61.9 92.9
51 34.0 29.0 43.4

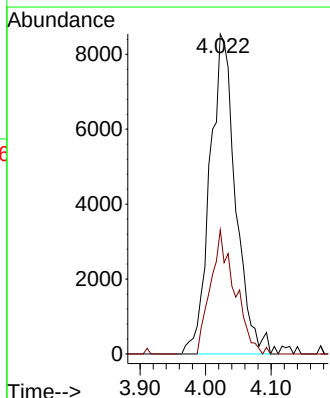
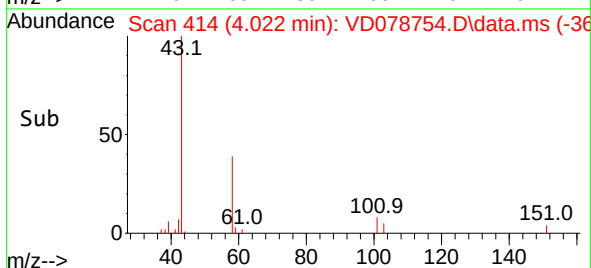
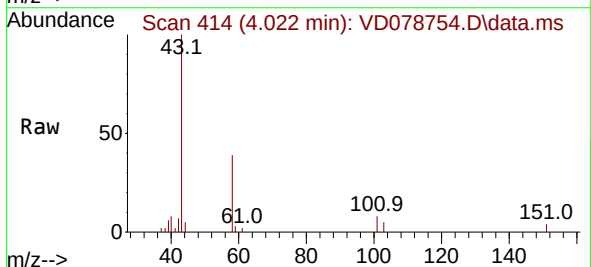
Manual Integrations
APPROVED

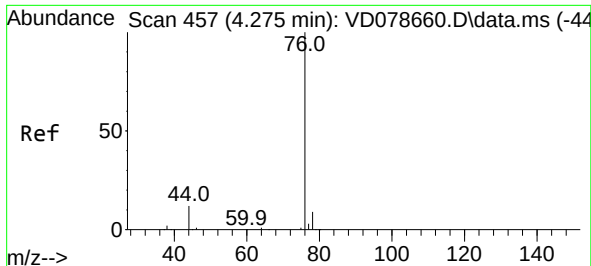
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#16
Acetone
Concen: 121.026 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion: 43 Resp: 23351
Ion Ratio Lower Upper
43 100
58 38.8 28.2 42.4





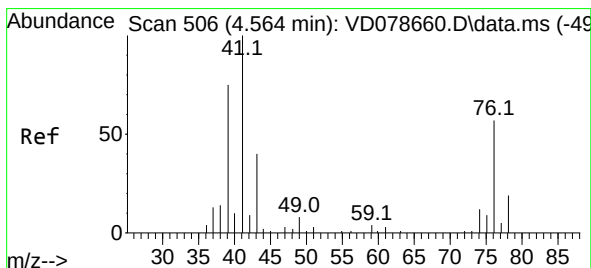
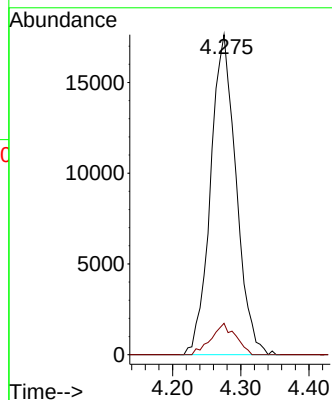
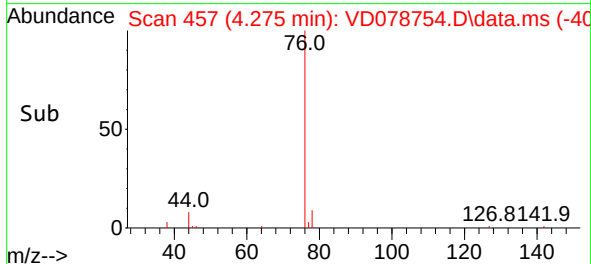
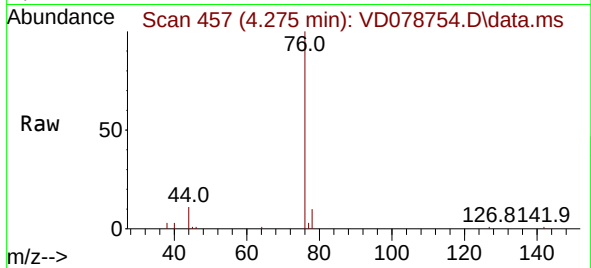
#17
Carbon Disulfide
Concen: 12.877 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

Tgt Ion: 76 Resp: 4598
Ion Ratio Lower Upper
76 100
78 9.8 7.3 10.9

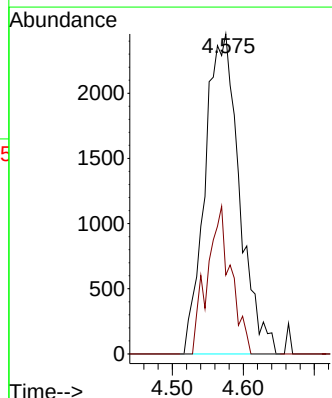
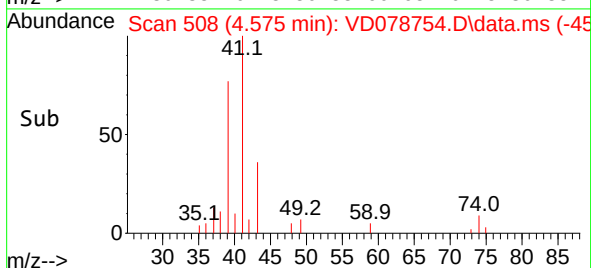
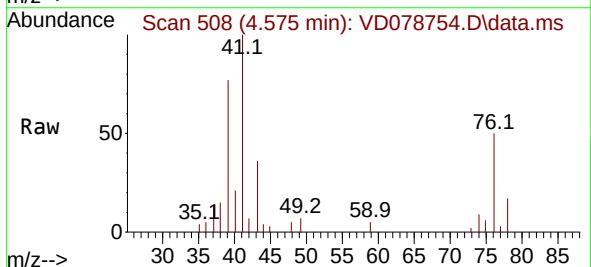
Manual Integrations
APPROVED

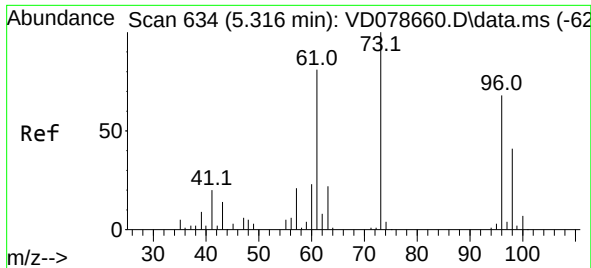
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#18
Methyl Acetate
Concen: 19.888 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.011 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

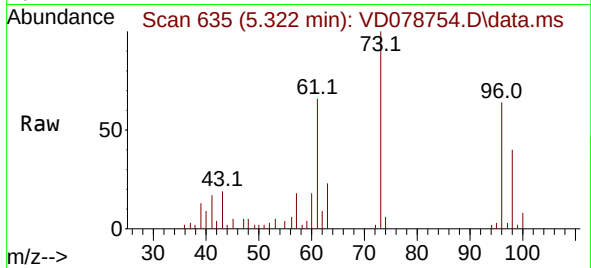
Tgt Ion: 43 Resp: 8235
Ion Ratio Lower Upper
43 100
74 32.1 25.3 37.9





#19
Methyl tert-butyl Ether
Concen: 20.252 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

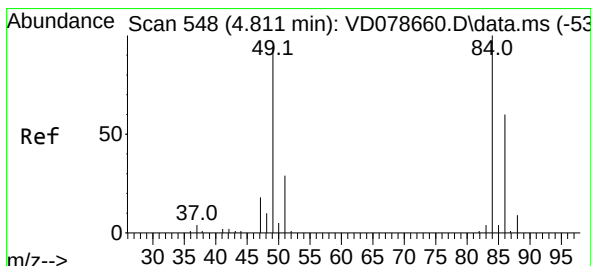
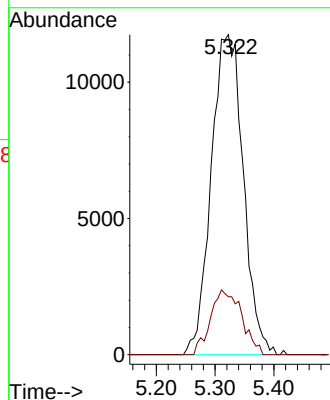
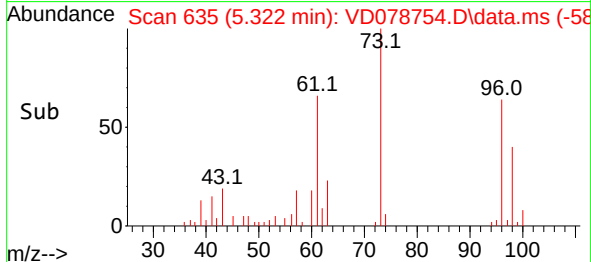
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01



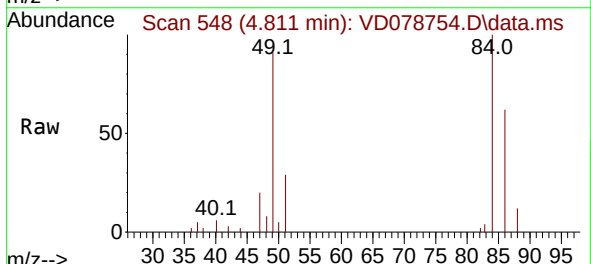
Tgt Ion: 73 Resp: 44490
Ion Ratio Lower Upper
73 100
57 18.1 16.4 24.6

Manual Integrations
APPROVED

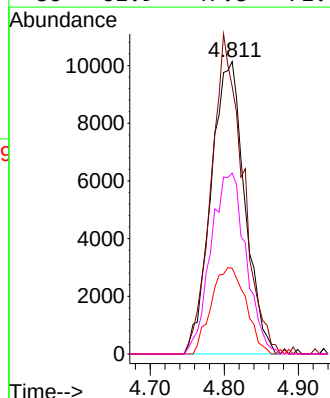
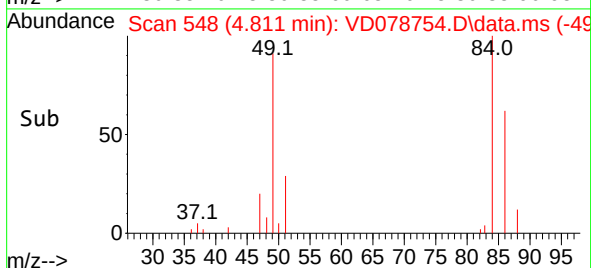
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024

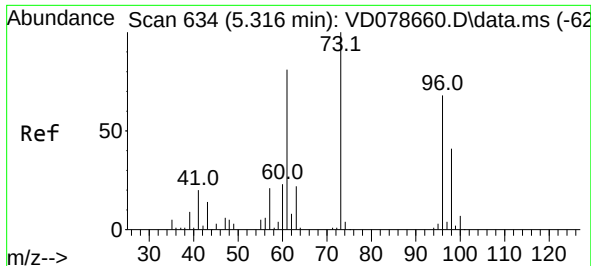


#20
Methylene Chloride
Concen: 21.540 ug/l
RT: 4.811 min Scan# 548
Delta R.T. -0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11



Tgt Ion: 84 Resp: 31981
Ion Ratio Lower Upper
84 100
49 91.4 75.6 113.4
51 29.3 23.4 35.0
86 61.9 47.8 71.6





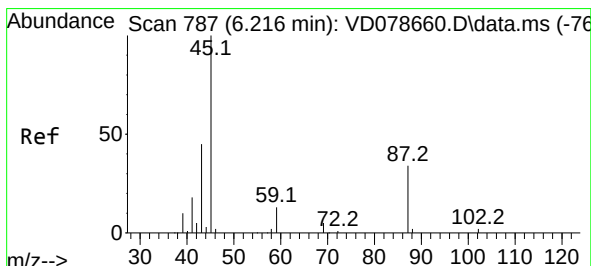
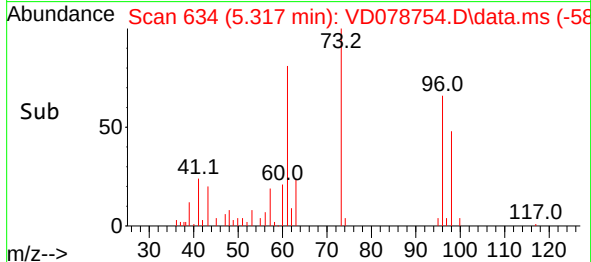
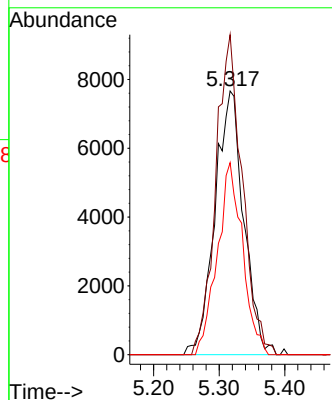
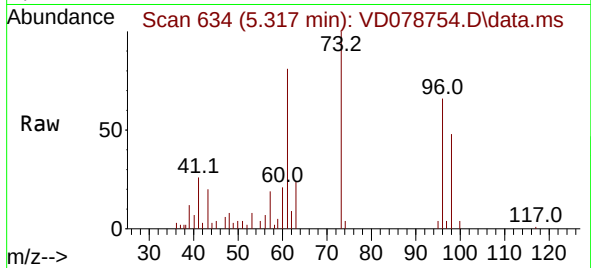
#21
trans-1,2-Dichloroethene
Concen: 18.168 ug/l
RT: 5.317 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

Tgt Ion: 96 Resp: 2335
Ion Ratio Lower Upper
96 100
61 121.3 96.1 144.1
98 72.8 48.9 73.3

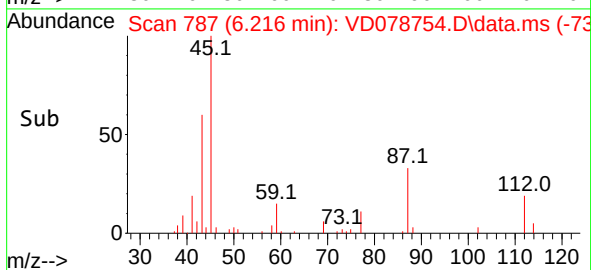
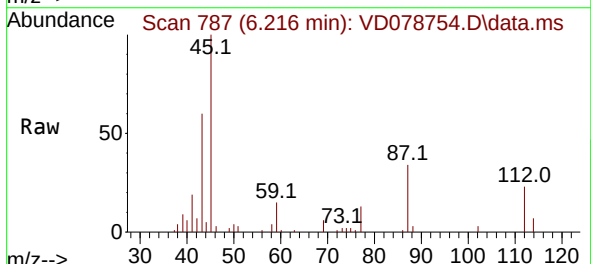
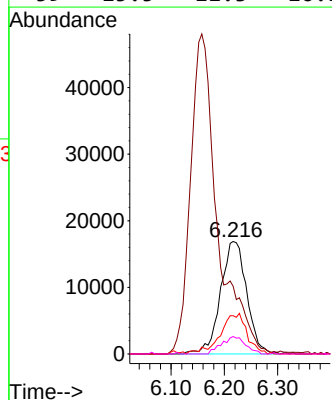
Manual Integrations
APPROVED

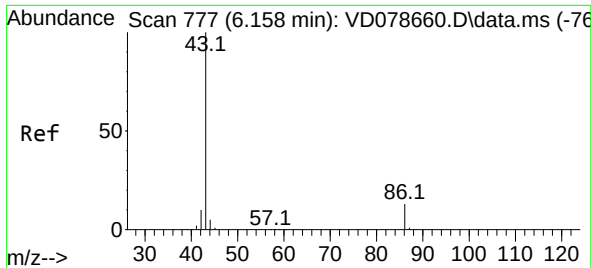
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#22
Diisopropyl ether
Concen: 20.853 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

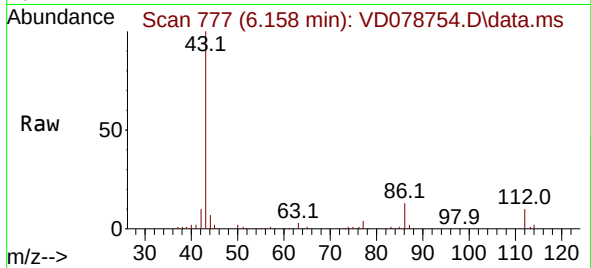
Tgt Ion: 45 Resp: 57627
Ion Ratio Lower Upper
45 100
43 57.6 44.3 66.5
87 34.0 28.3 42.5
59 15.5 11.3 16.9





#23
 Vinyl Acetate
 Concen: 104.645 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD078754.D
 Acq: 27 Mar 2024 16:11

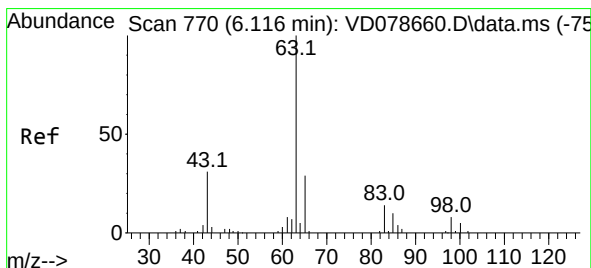
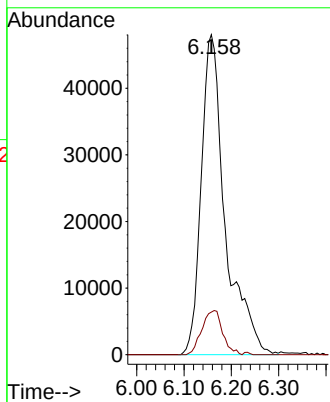
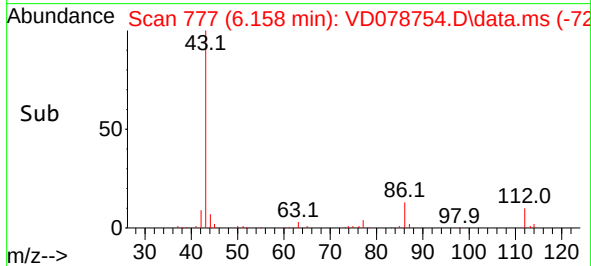
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBS01



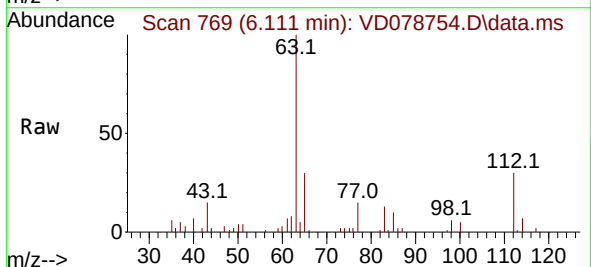
Tgt Ion: 43 Resp: 169158
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.7 16.1

Manual Integrations
 APPROVED

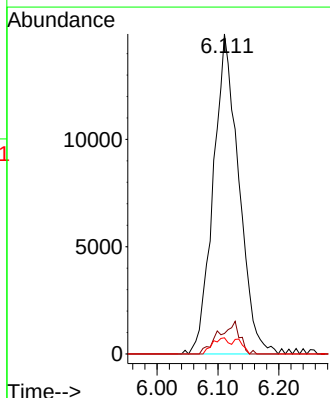
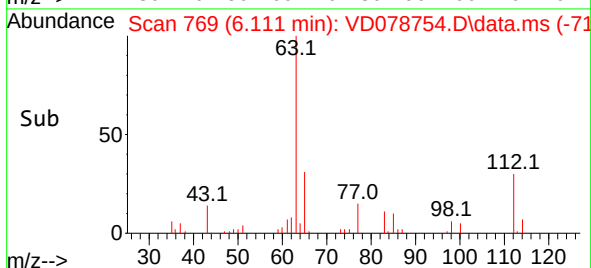
Reviewed By :Mahesh Dadoda 03/28/2024
 Supervised By :Semsettin Yesilyurt 03/28/2024

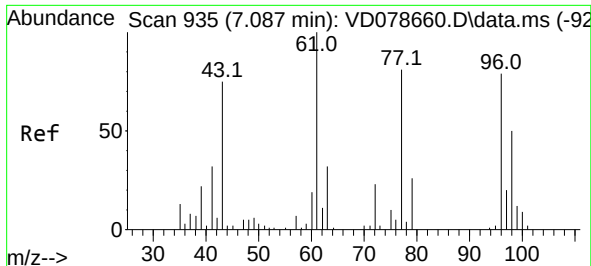


#24
 1,1-Dichloroethane
 Concen: 20.946 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078754.D
 Acq: 27 Mar 2024 16:11



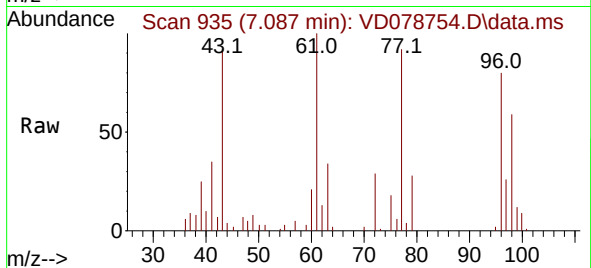
Tgt Ion: 63 Resp: 43398
 Ion Ratio Lower Upper
 63 100
 98 6.4 4.0 11.9
 100 5.1 2.7 8.1





#25
2-Butanone
Concen: 112.136 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

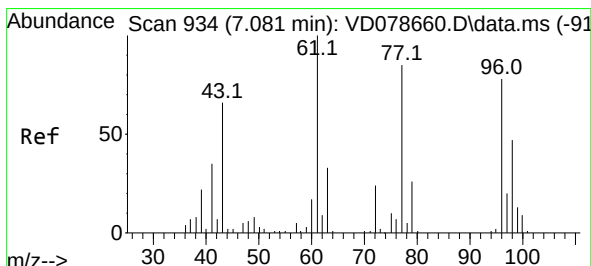
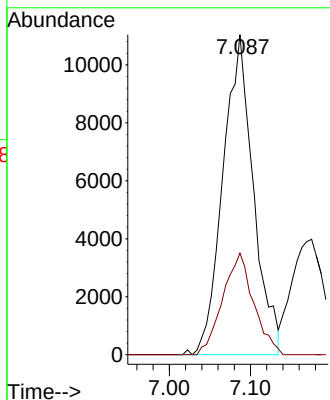
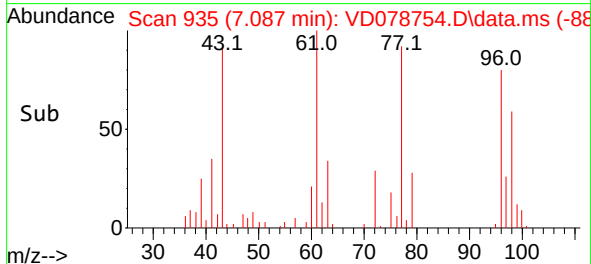
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01



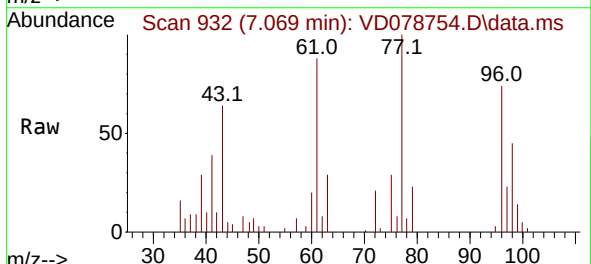
Tgt Ion: 43 Resp: 2876
Ion Ratio Lower Upper
43 100
72 31.7 25.0 37.6

Manual Integrations
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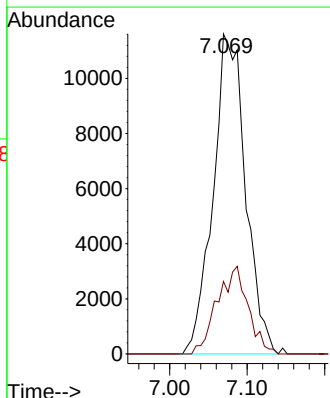
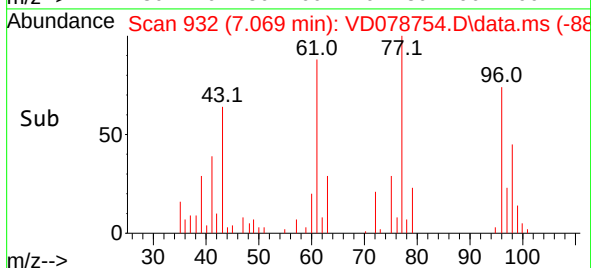
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024

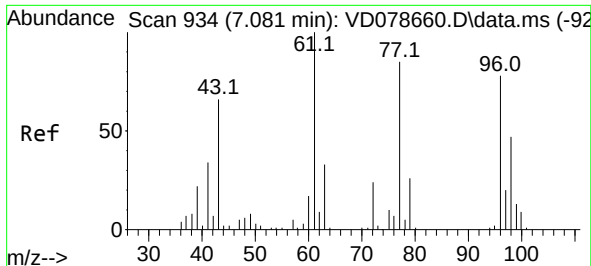


#26
2,2-Dichloropropane
Concen: 19.263 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11



Tgt Ion: 77 Resp: 33768
Ion Ratio Lower Upper
77 100
97 26.1 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 18.840 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBS01

Tgt Ion: 96 Resp: 27620

Ion Ratio Lower Upper

96 100

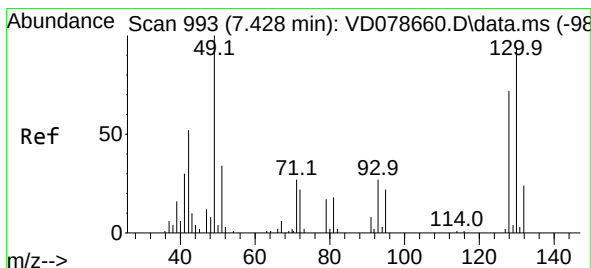
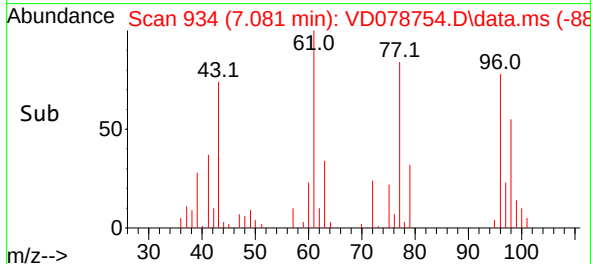
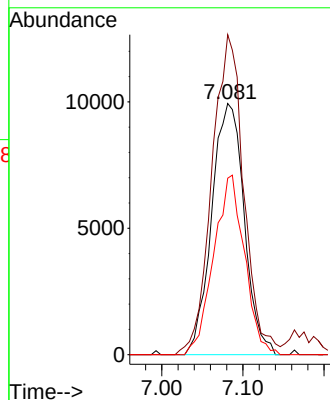
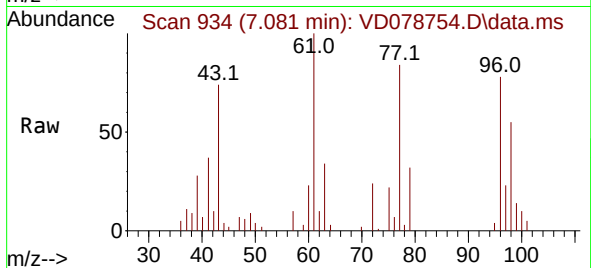
61 125.2 0.0 245.0

98 67.8 0.0 126.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#28

Bromochloromethane

Concen: 23.714 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

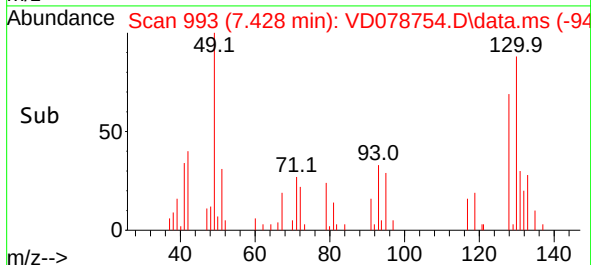
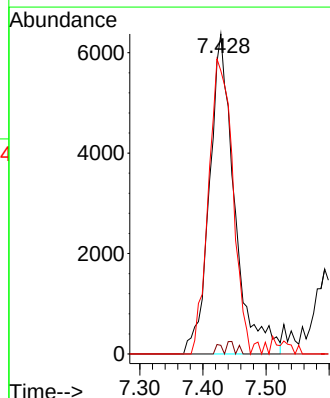
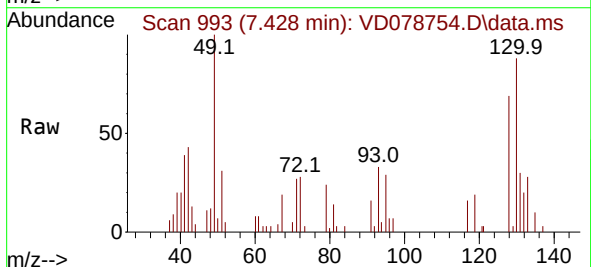
Tgt Ion: 49 Resp: 17517

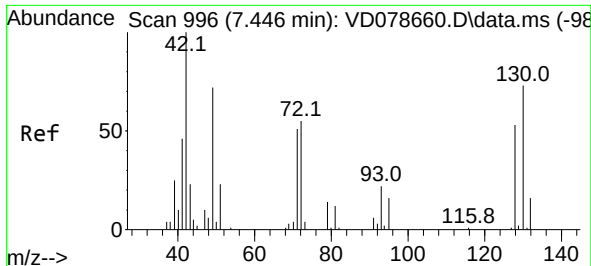
Ion Ratio Lower Upper

49 100

129 0.7 0.0 6.2

130 89.7 77.1 115.7





#29

Tetrahydrofuran

Concen: 112.800 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBS01

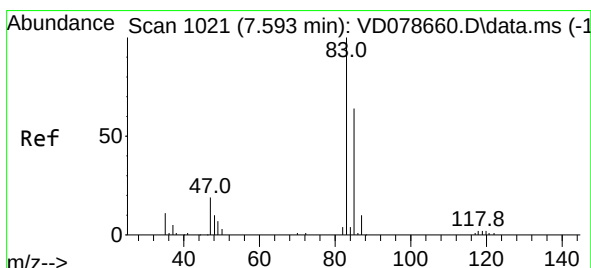
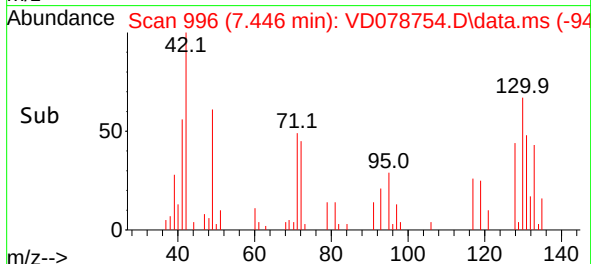
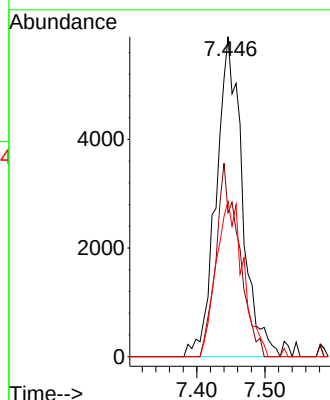
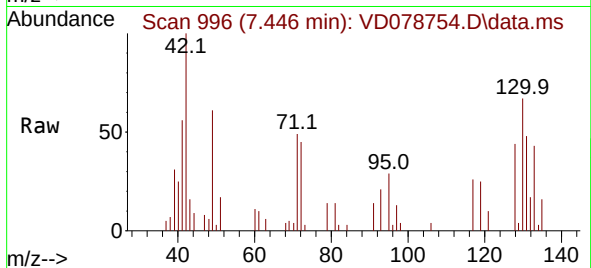
Tgt Ion: 42 Resp: 15738

Ion	Ratio	Lower	Upper
42	100		
72	52.7	43.8	65.6
71	50.4	42.0	63.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#30

Chloroform

Concen: 20.450 ug/l

RT: 7.599 min Scan# 1022

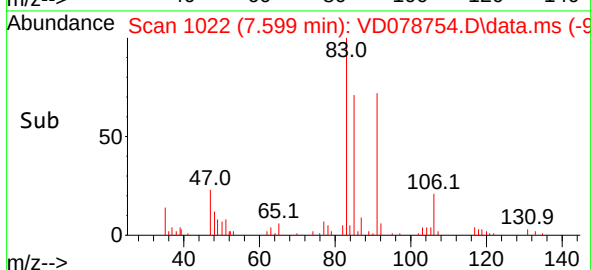
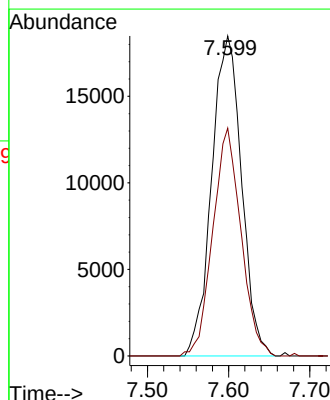
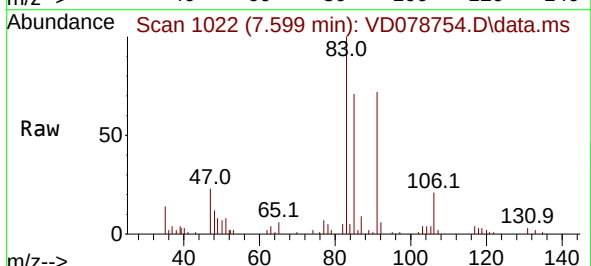
Delta R.T. 0.006 min

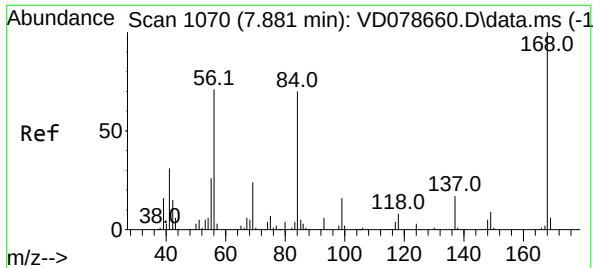
Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Tgt Ion: 83 Resp: 47242

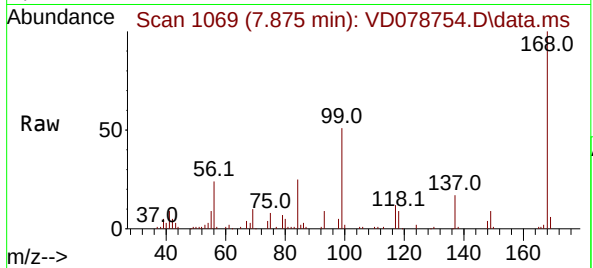
Ion	Ratio	Lower	Upper
83	100		
85	71.2	51.2	76.8





#31
Cyclohexane
Concen: 17.030 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

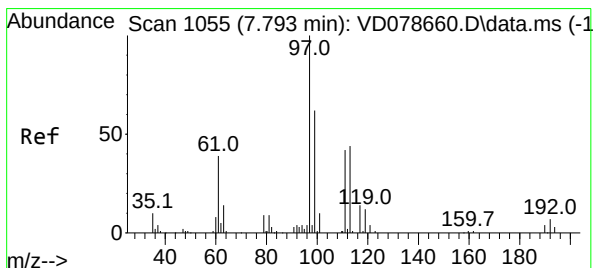
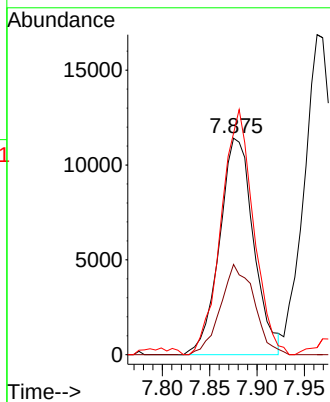
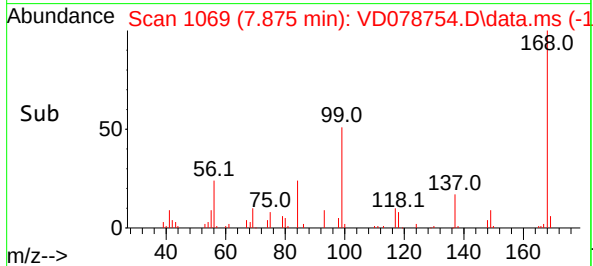
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01



Tgt Ion: 56 Resp: 2856
Ion Ratio Lower Upper
56 100
69 41.7 26.6 40.0
84 100.2 79.4 119.2

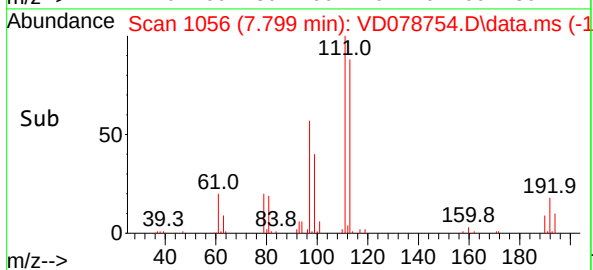
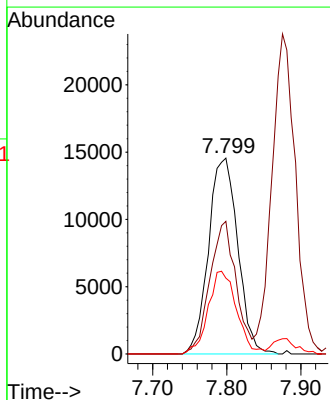
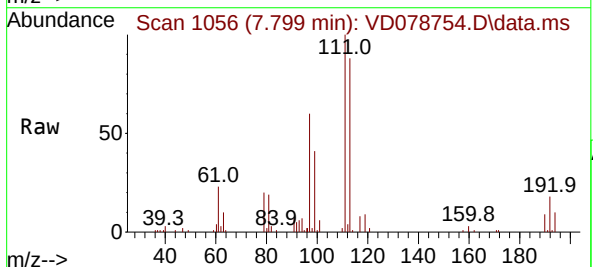
Manual Integrations
APPROVED

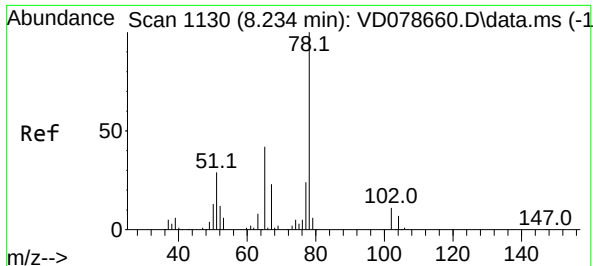
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#32
1,1,1-Trichloroethane
Concen: 20.350 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion: 97 Resp: 39887
Ion Ratio Lower Upper
97 100
99 60.6 50.8 76.2
61 40.5 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 54.016 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBS01

Tgt Ion: 65 Resp: 53890

Ion Ratio Lower Upper

65 100

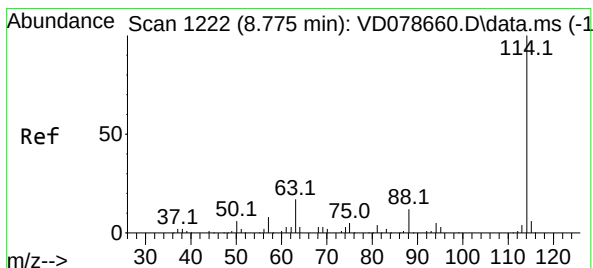
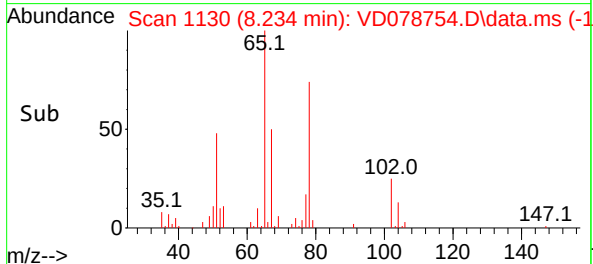
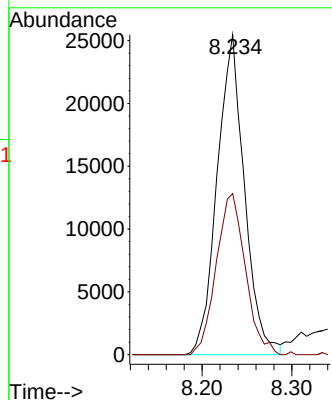
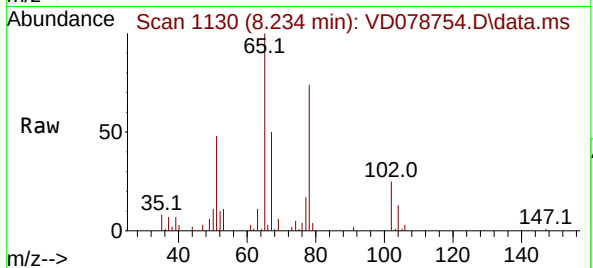
67 53.6 0.0 110.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/28/2024

Supervised By :Semsettin Yesilyurt 03/28/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

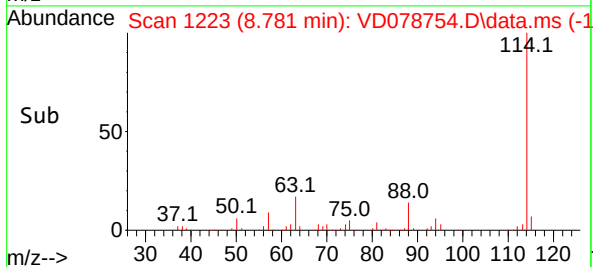
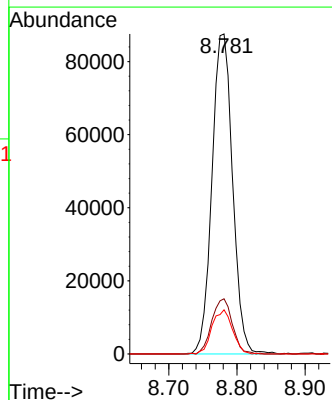
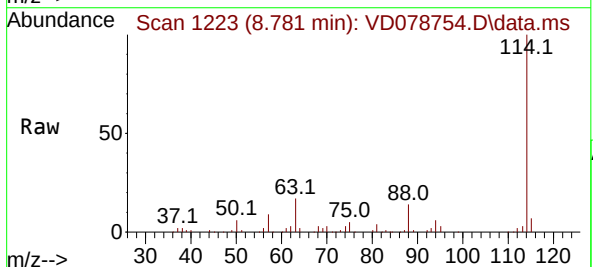
Tgt Ion:114 Resp: 184226

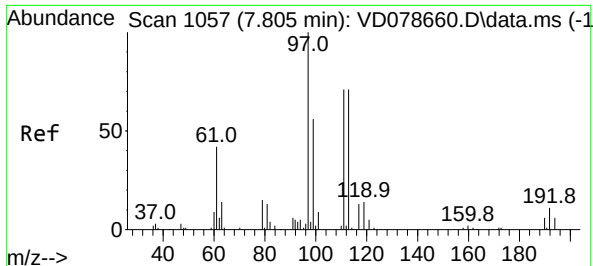
Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.4

88 13.8 0.0 24.6





#35

Dibromofluoromethane

Concen: 51.837 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Instrument :

MSVOA_D

ClientSampleId :

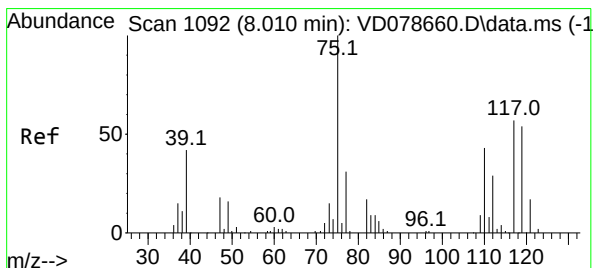
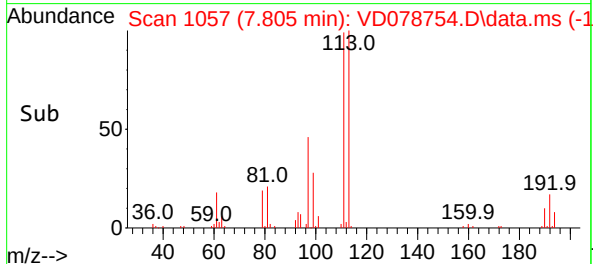
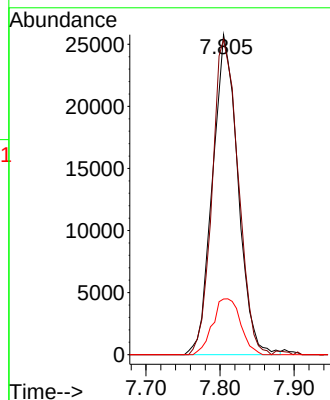
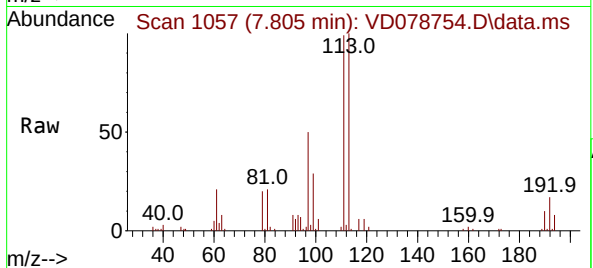
VD0327SBS01

Tgt Ion:	113	Resp:	61480
Ion	Ratio	Lower	Upper
113	100		
111	100.4	81.9	122.9
192	19.1	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#36

1,1-Dichloropropene

Concen: 17.998 ug/l

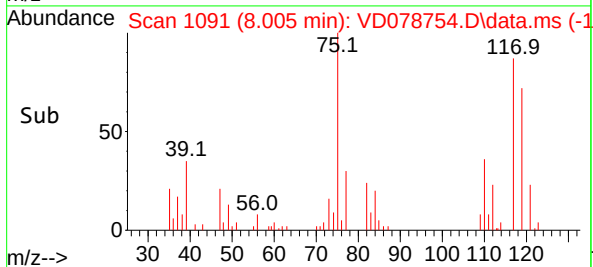
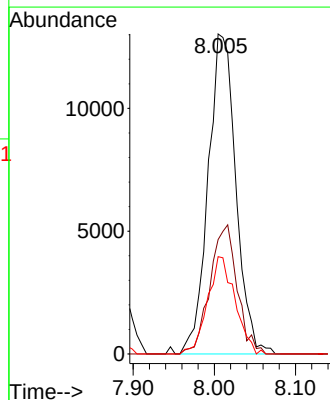
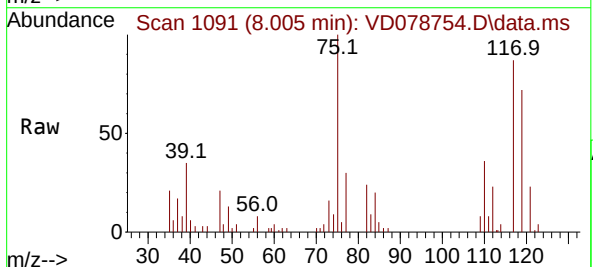
RT: 8.005 min Scan# 1091

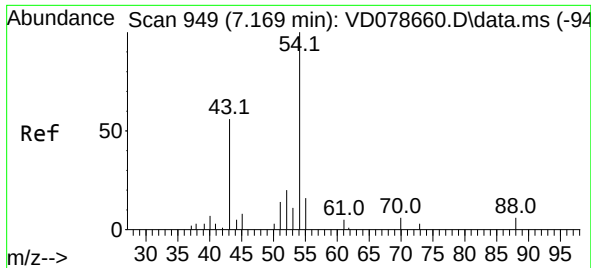
Delta R.T. -0.006 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Tgt Ion:	75	Resp:	30974
Ion	Ratio	Lower	Upper
75	100		
110	39.5	19.1	57.1
77	30.0	25.4	38.2





#37

Ethyl Acetate

Concen: 21.854 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBS01

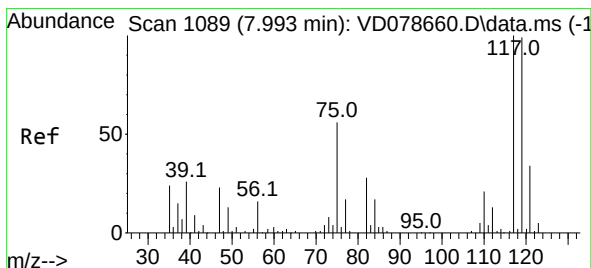
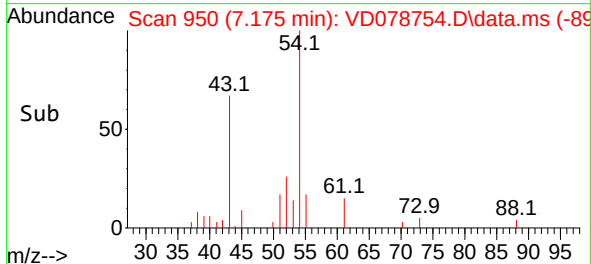
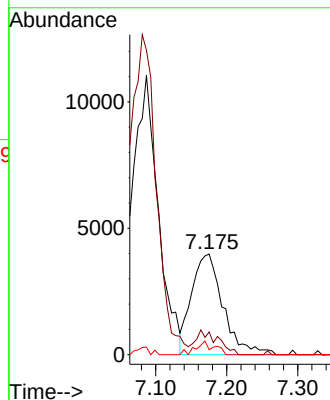
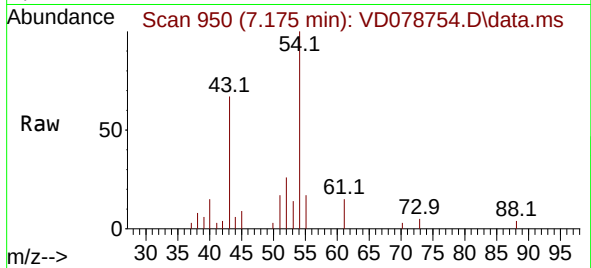
Tgt Ion: 43 Resp: 1228

Ion	Ratio	Lower	Upper
43	100		
61	17.4	14.6	21.8
70	7.8	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#38

Carbon Tetrachloride

Concen: 18.886 ug/l

RT: 7.993 min Scan# 1089

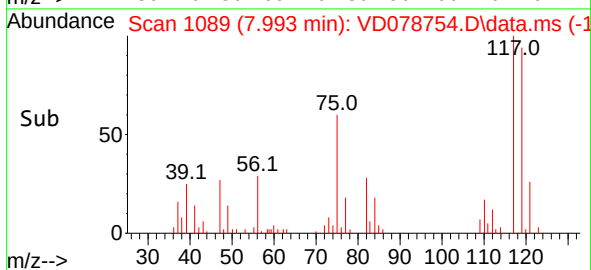
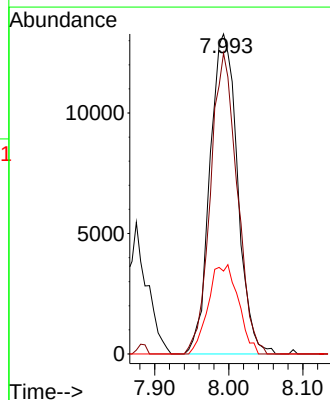
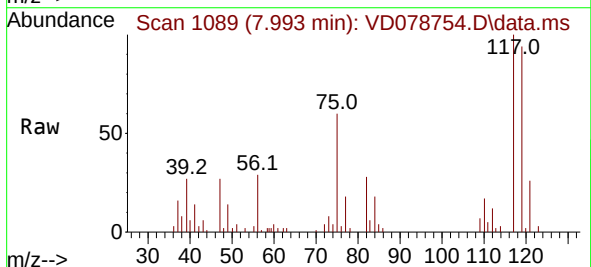
Delta R.T. 0.000 min

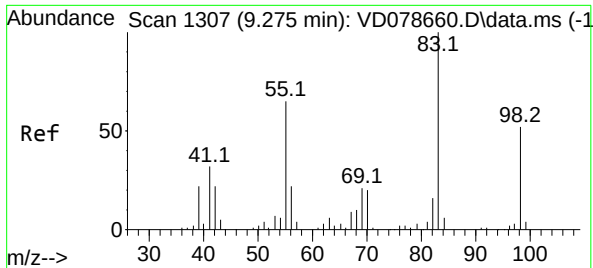
Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Tgt Ion:117 Resp: 34265

Ion	Ratio	Lower	Upper
117	100		
119	94.0	79.2	118.8
121	25.9	26.8	40.2





#39

Methylcyclohexane

Concen: 15.509 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Instrument :

MSVOA_D

ClientSampleId :

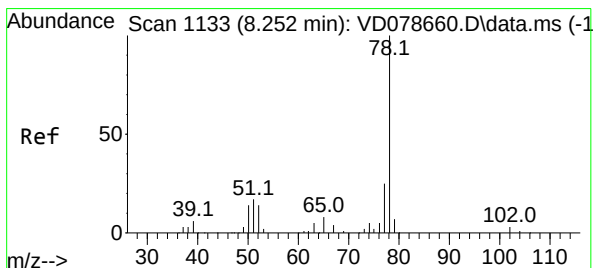
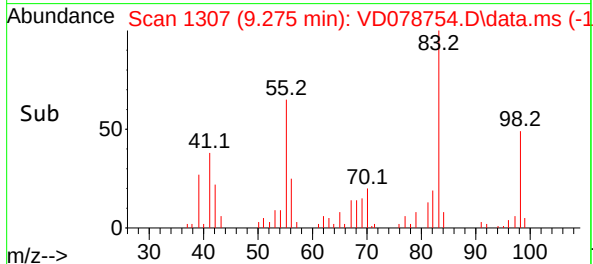
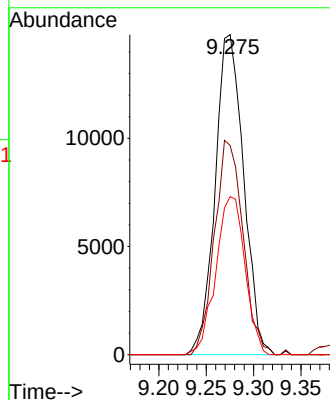
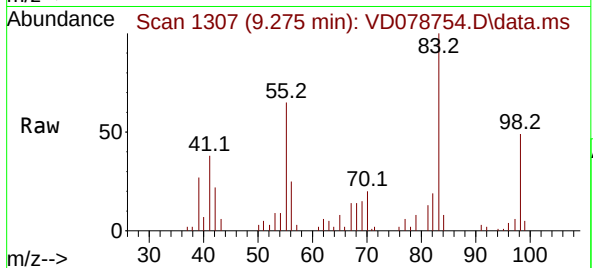
VD0327SBS01

Tgt Ion:	83	Resp:	3096
Ion Ratio	Lower	Upper	
83	100		
55	65.4	51.7	77.5
98	49.4	41.4	62.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#40

Benzene

Concen: 19.437 ug/l

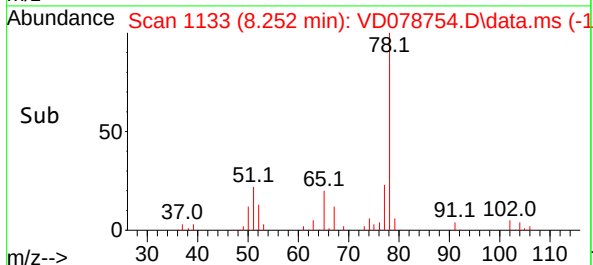
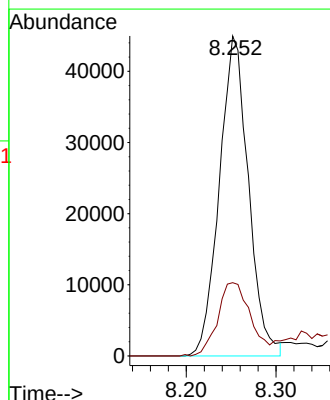
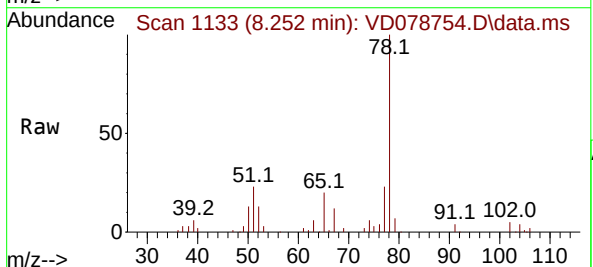
RT: 8.252 min Scan# 1133

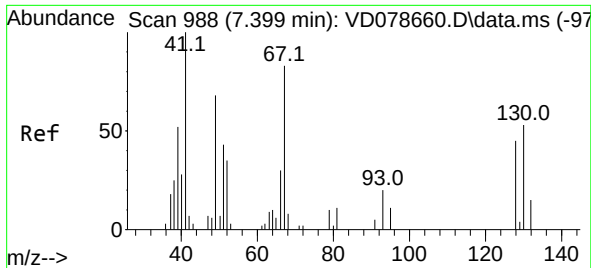
Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

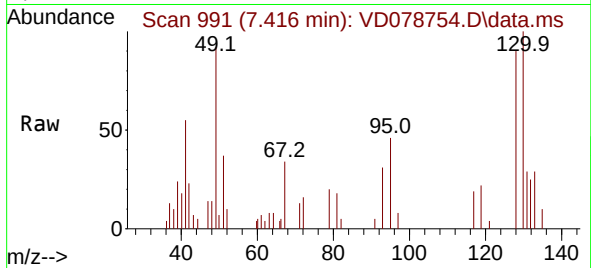
Tgt Ion:	78	Resp:	101117
Ion Ratio	Lower	Upper	
78	100		
77	22.9	20.4	30.6





#41
Methacrylonitrile
Concen: 22.214 ug/l
RT: 7.416 min Scan# 991
Delta R.T. 0.018 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

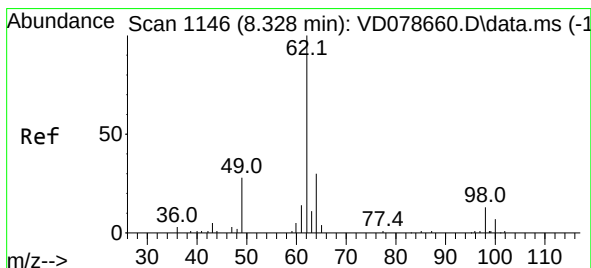
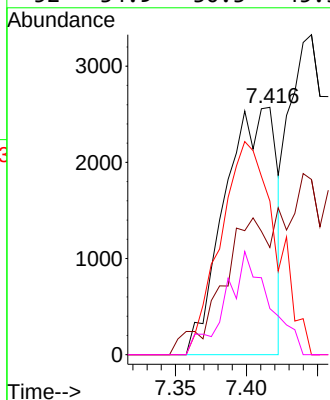
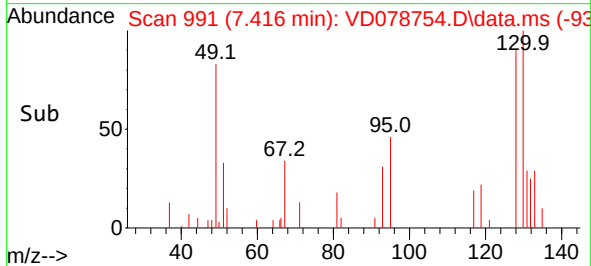
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01



Tgt Ion: 41 Resp: 6549
Ion Ratio Lower Upper
41 100
39 49.8 39.8 59.6
67 91.5 83.5 125.3
52 34.9 30.3 45.5

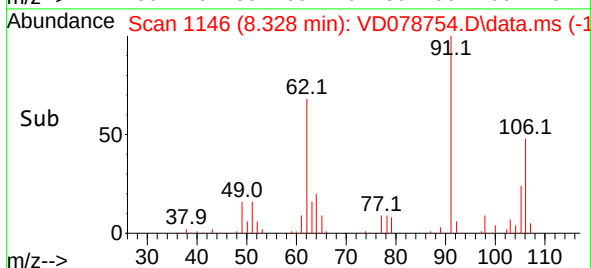
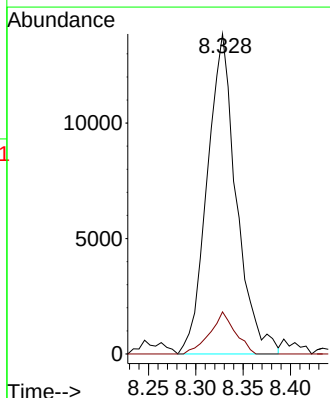
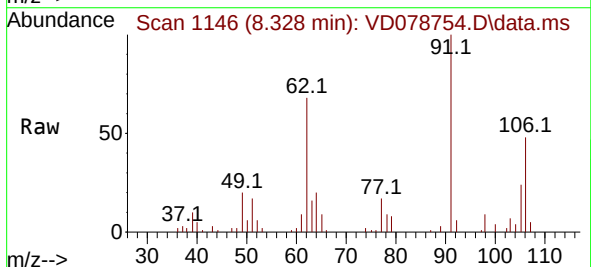
Manual Integrations
APPROVED

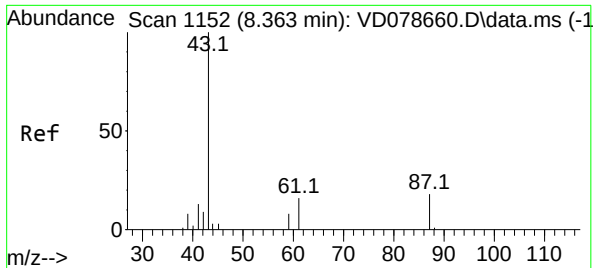
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#42
1,2-Dichloroethane
Concen: 23.381 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion: 62 Resp: 29664
Ion Ratio Lower Upper
62 100
98 11.4 0.0 23.8





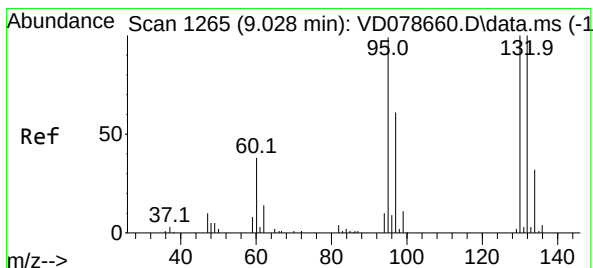
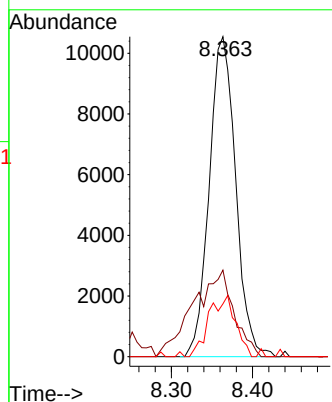
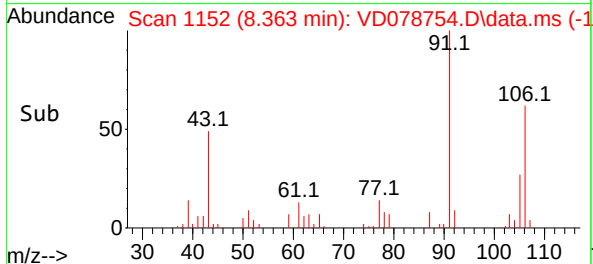
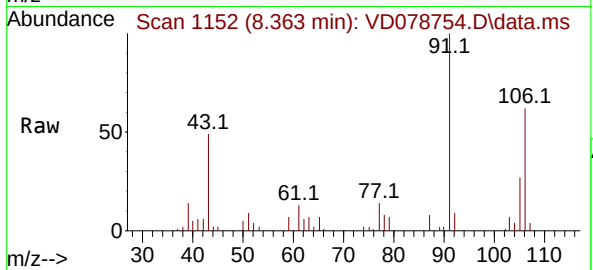
#43
Isopropyl Acetate
Concen: 23.327 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

Tgt Ion: 43 Resp: 2385
Ion Ratio Lower Upper
43 100
61 41.9 30.1 45.1
87 19.3 14.4 21.6

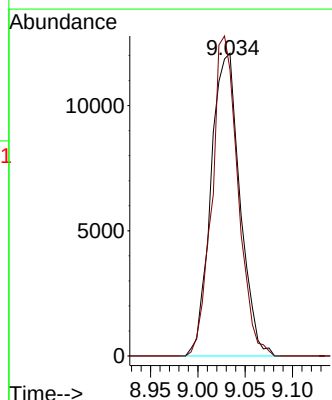
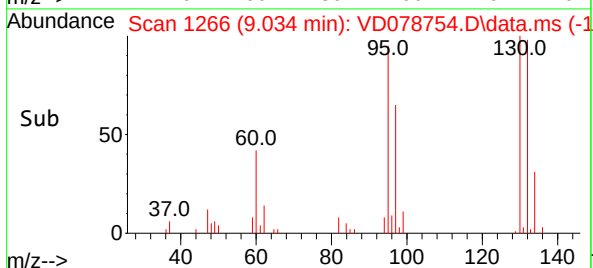
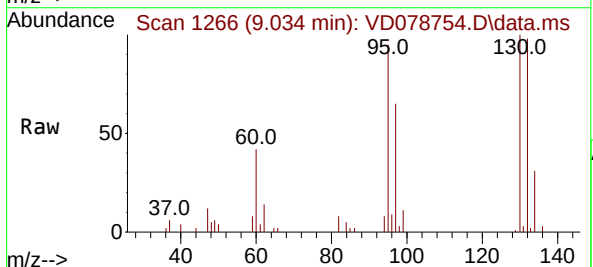
Manual Integrations
APPROVED

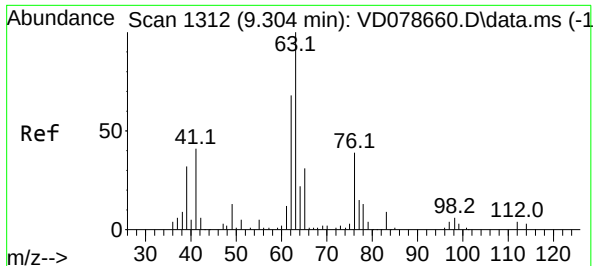
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#44
Trichloroethene
Concen: 18.261 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion:130 Resp: 25781
Ion Ratio Lower Upper
130 100
95 94.6 0.0 197.8





#45

1,2-Dichloropropane

Concen: 19.660 ug/l

RT: 9.310 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBS01

Tgt Ion: 63 Resp: 2426

Ion Ratio Lower Upper

63 100

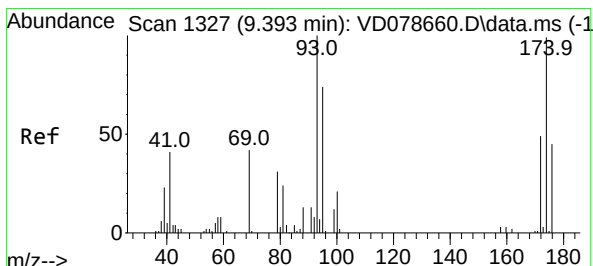
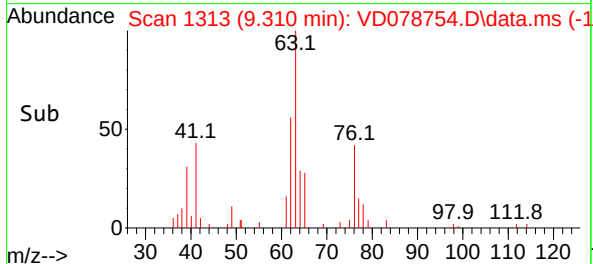
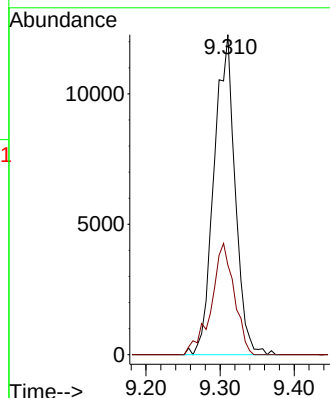
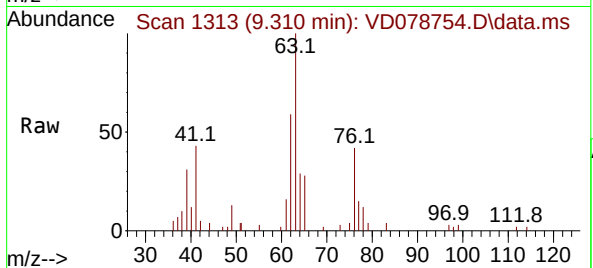
65 28.0 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/28/2024

Supervised By :Semsettin Yesilyurt 03/28/2024



#46

Dibromomethane

Concen: 21.068 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

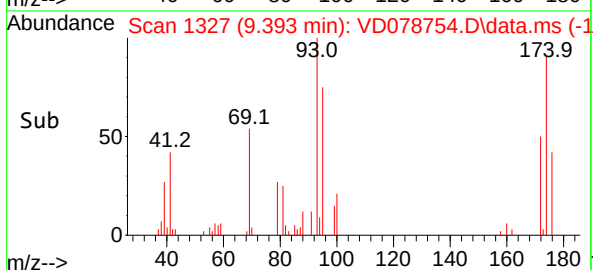
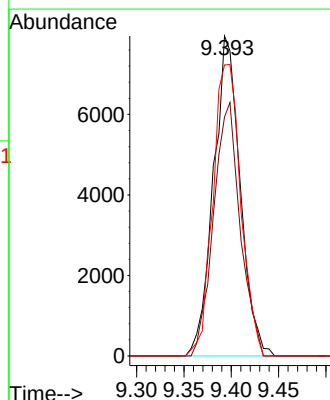
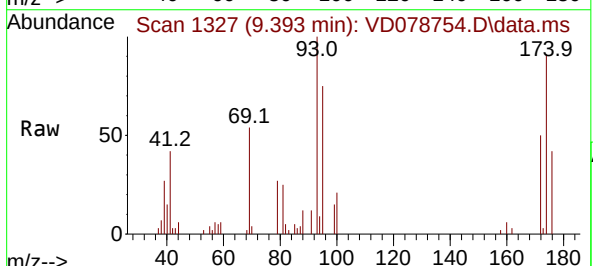
Tgt Ion: 93 Resp: 15586

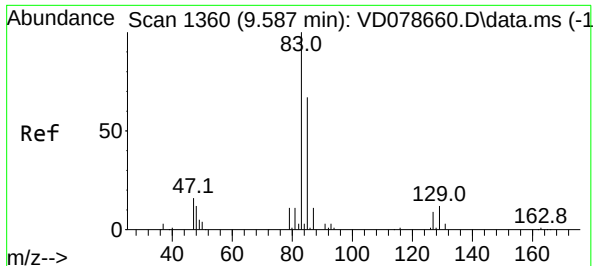
Ion Ratio Lower Upper

93 100

95 79.0 67.3 100.9

174 95.2 80.9 121.3





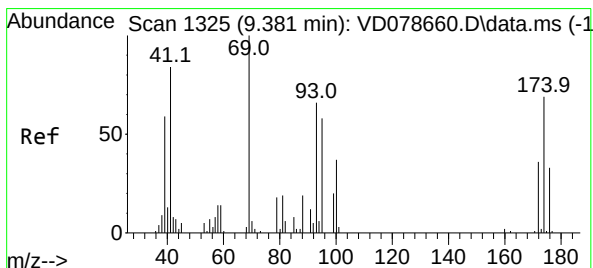
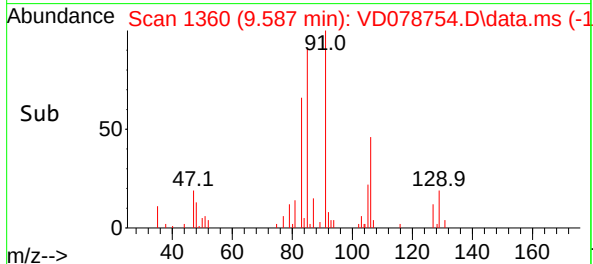
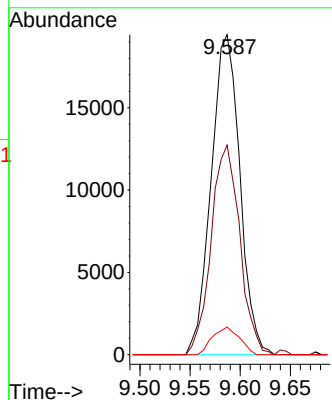
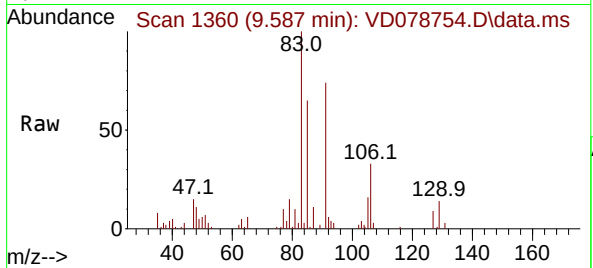
#47
Bromodichloromethane
Concen: 21.926 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

Tgt Ion: 83 Resp: 3861
Ion Ratio Lower Upper
83 100
85 65.5 54.0 81.0
127 8.6 7.1 10.7

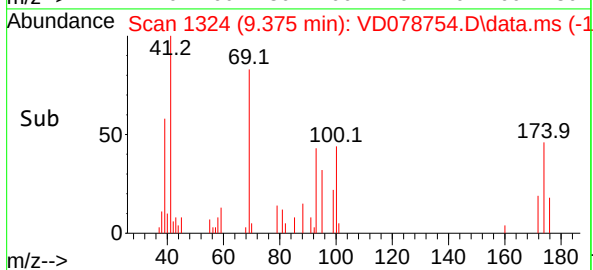
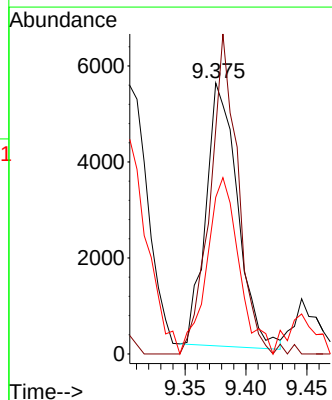
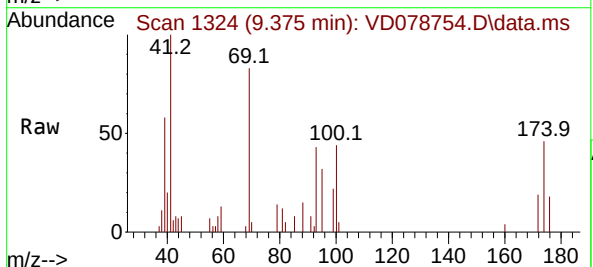
Manual Integrations
APPROVED

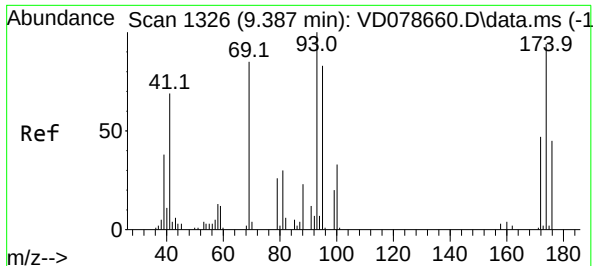
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#48
Methyl methacrylate
Concen: 19.918 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion: 41 Resp: 9923
Ion Ratio Lower Upper
41 100
69 106.0 88.3 132.5
39 67.8 46.6 69.8





#49

1,4-Dioxane

Concen: 435.645 ug/l

RT: 9.381 min Scan# 1326

Delta R.T. -0.006 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBS01

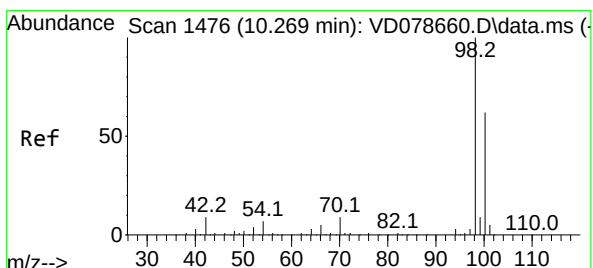
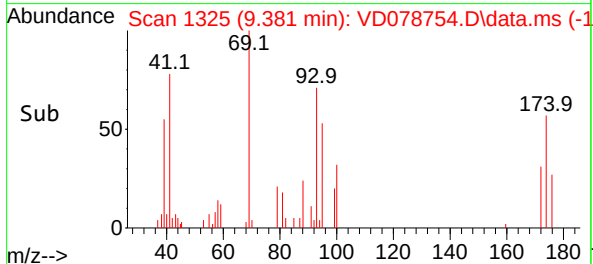
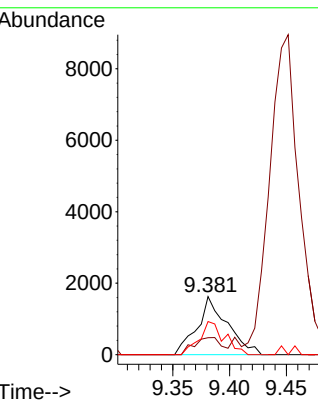
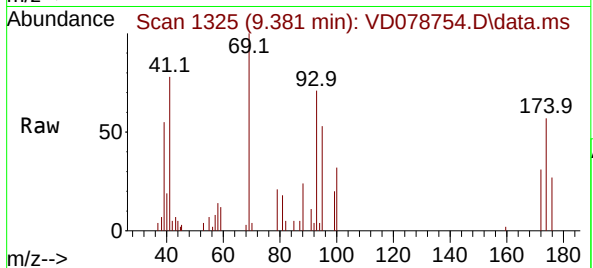
Tgt Ion: 88 Resp: 2984

Ion	Ratio	Lower	Upper
88	100		
43	27.3	23.2	34.8
58	47.9	51.0	76.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#50

Toluene-d8

Concen: 50.854 ug/l

RT: 10.269 min Scan# 1476

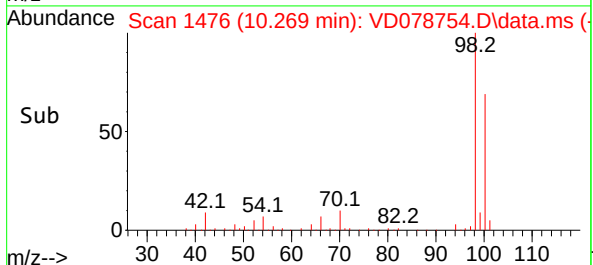
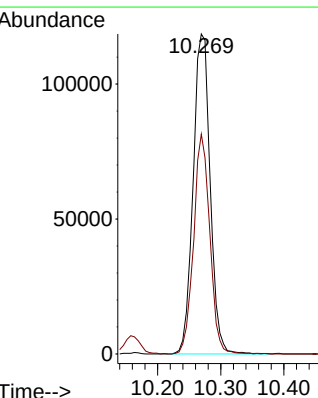
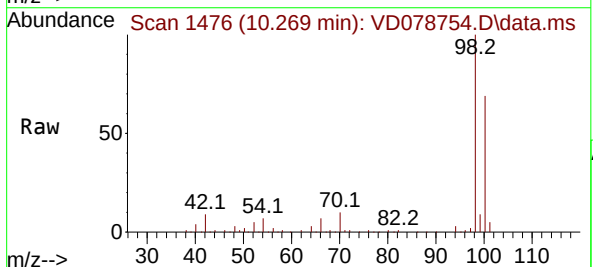
Delta R.T. 0.000 min

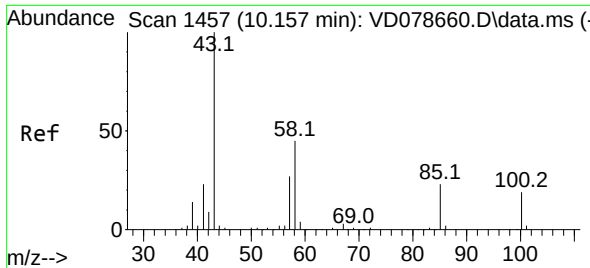
Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Tgt Ion: 98 Resp: 221839

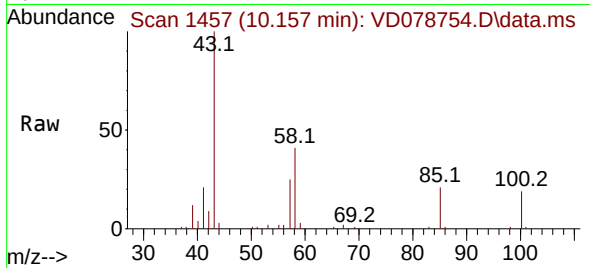
Ion	Ratio	Lower	Upper
98	100		
100	65.3	50.5	75.7





#51
4-Methyl-2-Pentanone
Concen: 112.973 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

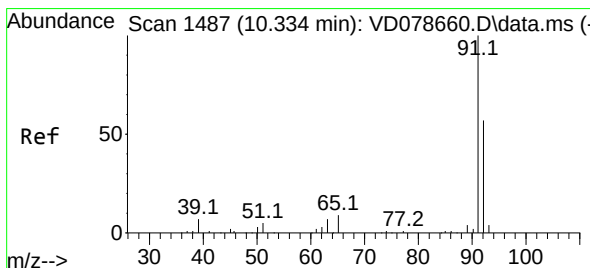
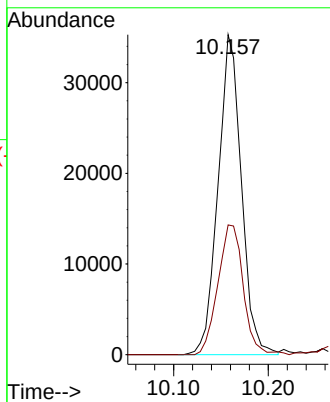
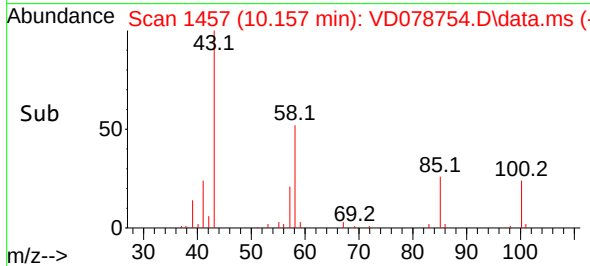
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01



Tgt Ion: 43 Resp: 60389
Ion Ratio Lower Upper
43 100
58 44.1 36.4 54.6

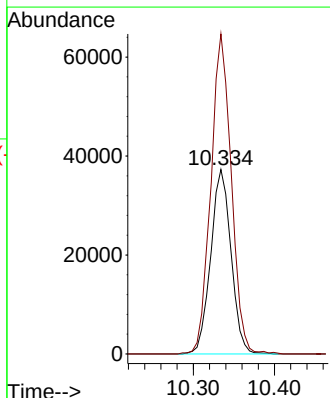
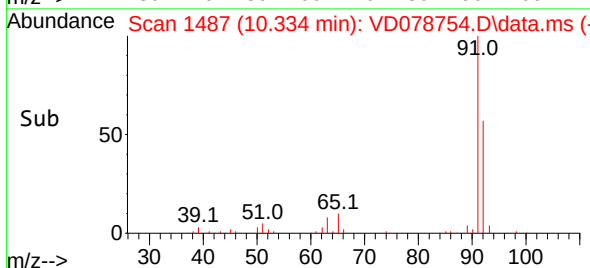
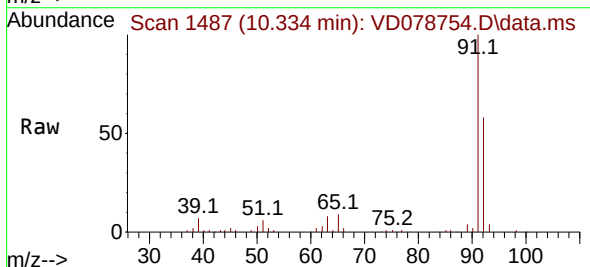
Manual Integrations
APPROVED

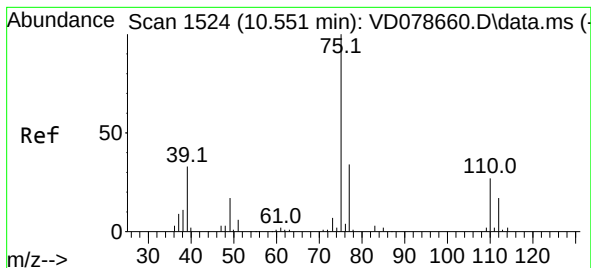
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#52
Toluene
Concen: 19.386 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion: 92 Resp: 64929
Ion Ratio Lower Upper
92 100
91 174.5 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 22.513 ug/l

RT: 10.552 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBS01

Tgt Ion: 75 Resp: 3625

Ion Ratio Lower Upper

75 100

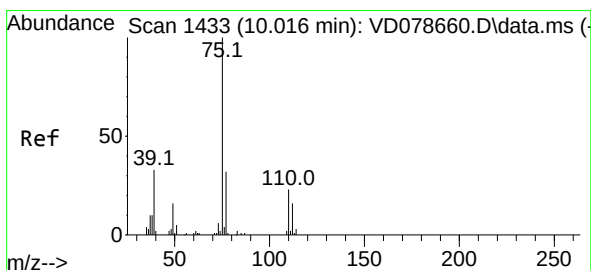
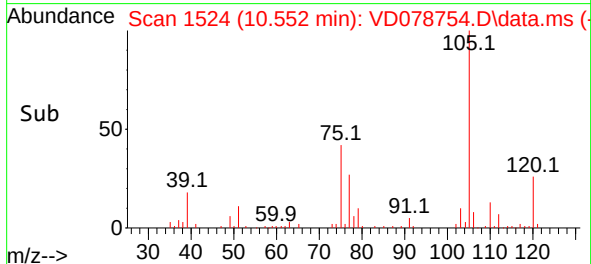
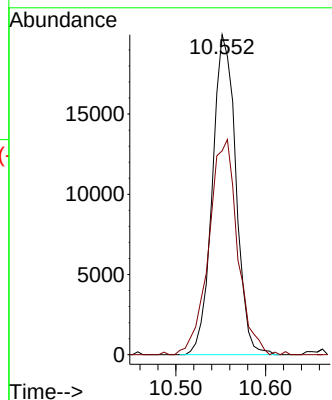
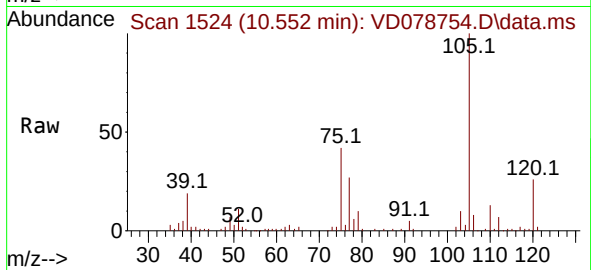
77 63.7 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/28/2024

Supervised By :Semsettin Yesilyurt 03/28/2024



#54

cis-1,3-Dichloropropene

Concen: 20.758 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

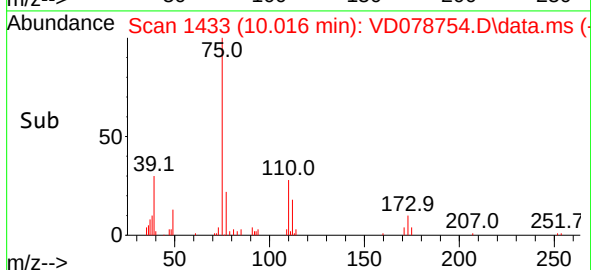
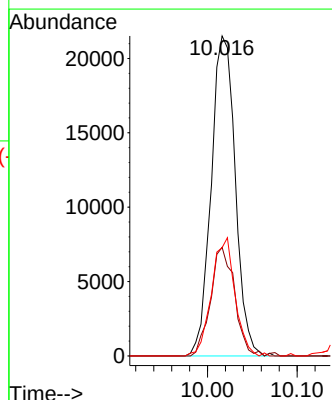
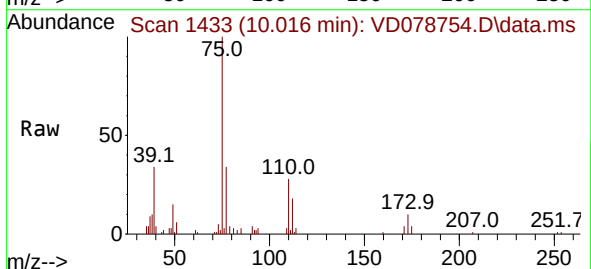
Tgt Ion: 75 Resp: 40181

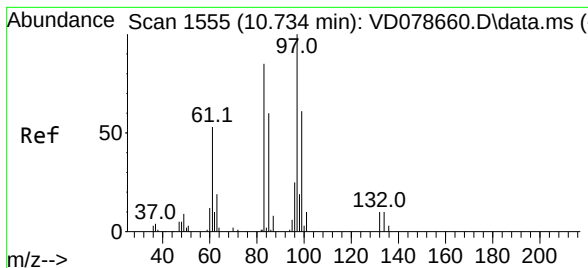
Ion Ratio Lower Upper

75 100

77 34.0 25.4 38.0

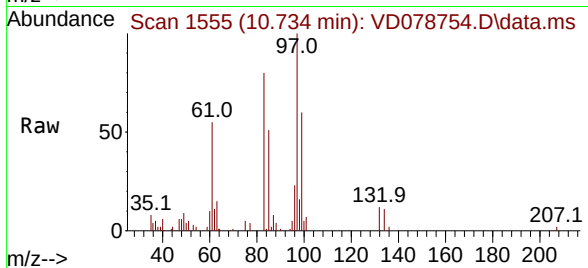
39 33.8 26.7 40.1





#55
1,1,2-Trichloroethane
Concen: 22.032 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

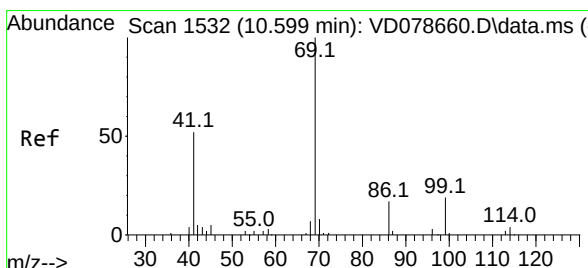
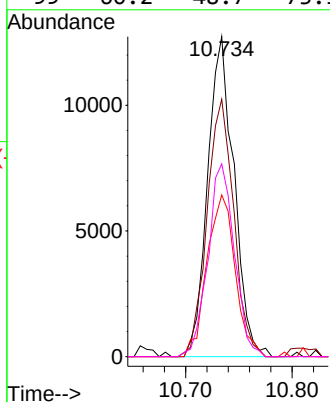
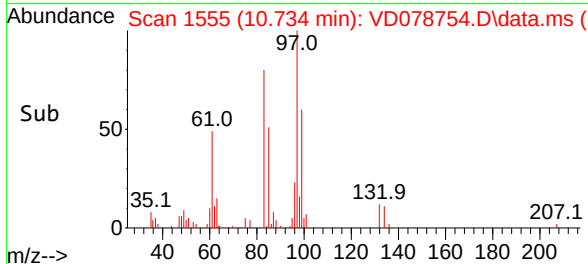
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01



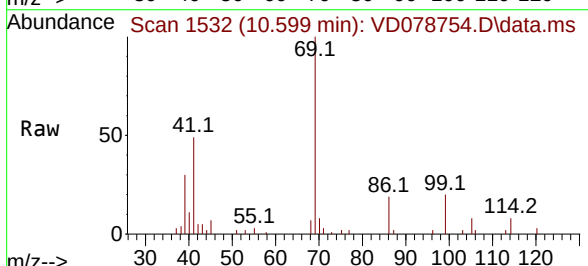
Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.4	68.1	102.1
85	50.6	48.2	72.2
99	60.2	48.7	73.1

Manual Integrations
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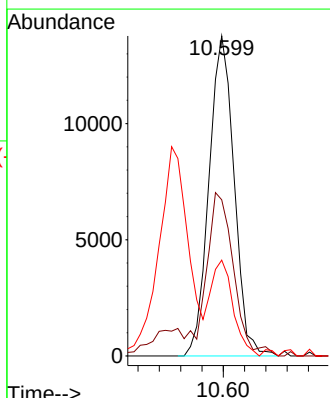
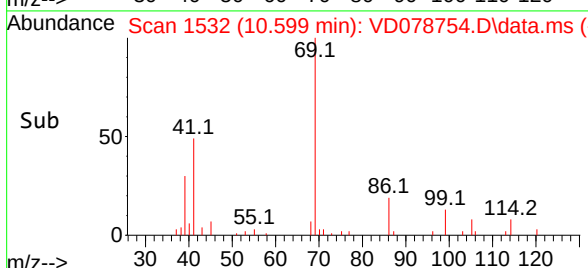
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024

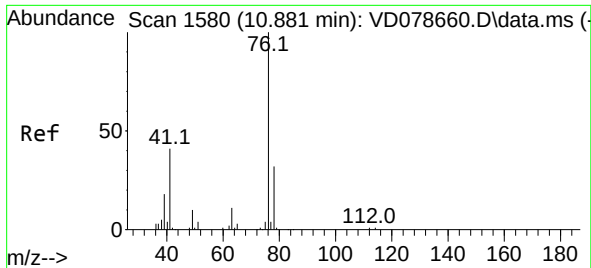


#56
Ethyl methacrylate
Concen: 22.668 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11



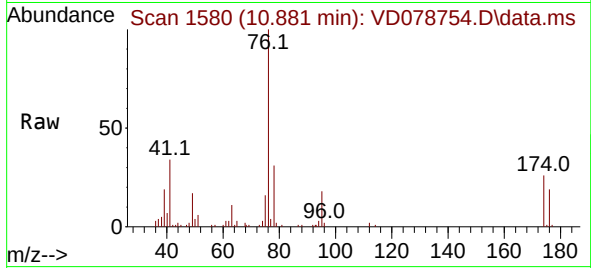
Tgt Ion	Ratio	Lower	Upper
69	100		
41	55.6	40.9	61.3
39	27.0	25.5	38.3





#57
1,3-Dichloropropane
Concen: 24.151 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

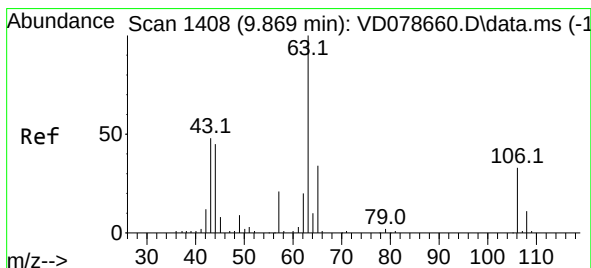
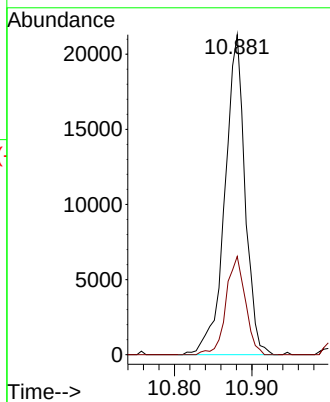
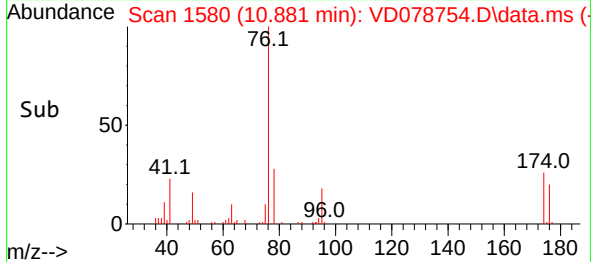
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01



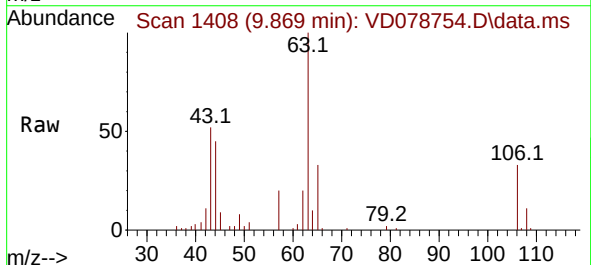
Tgt Ion: 76 Resp: 38600
Ion Ratio Lower Upper
76 100
78 29.3 26.8 40.2

Manual Integrations
APPROVED

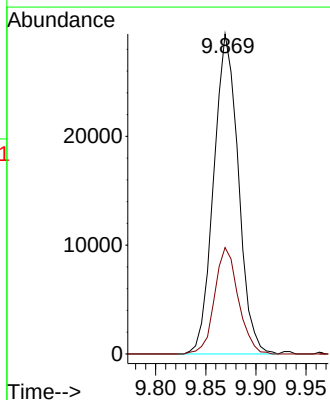
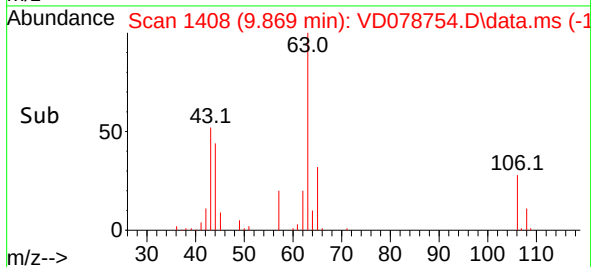
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024

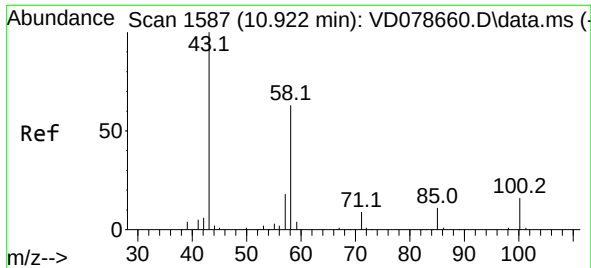


#58
2-Chloroethyl Vinyl ether
Concen: 114.689 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11



Tgt Ion: 63 Resp: 50223
Ion Ratio Lower Upper
63 100
106 32.0 25.2 37.8





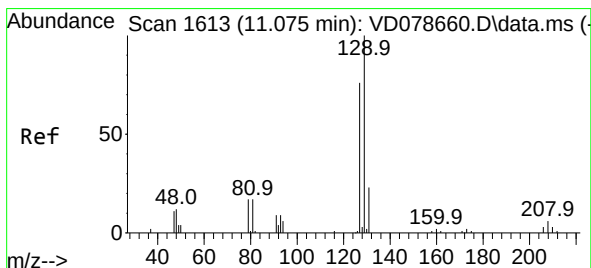
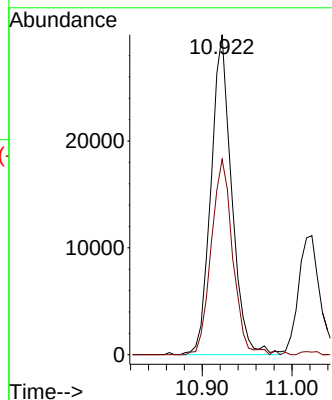
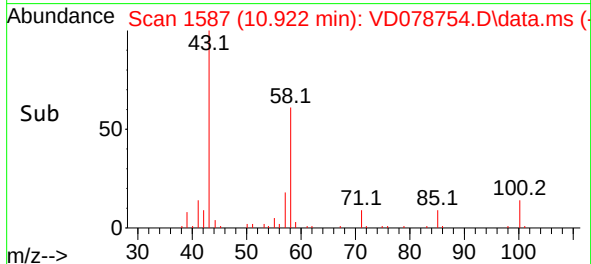
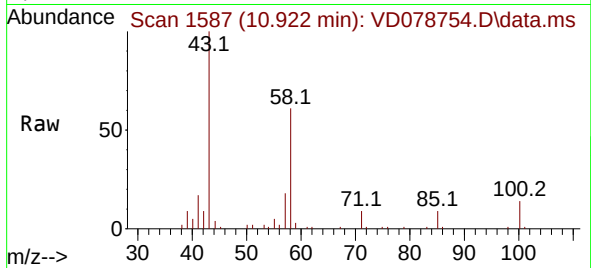
#59
2-Hexanone
Concen: 121.175 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

Tgt Ion: 43 Resp: 4801
Ion Ratio Lower Upper
43 100
58 63.6 31.5 94.5

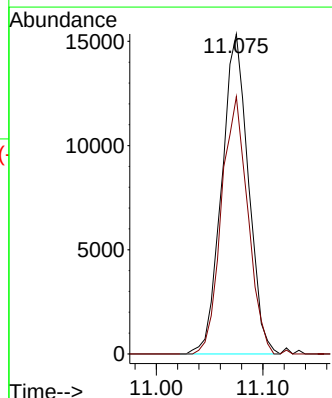
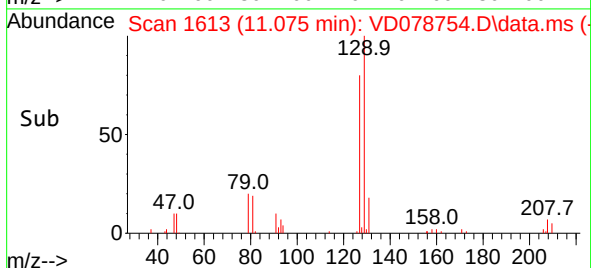
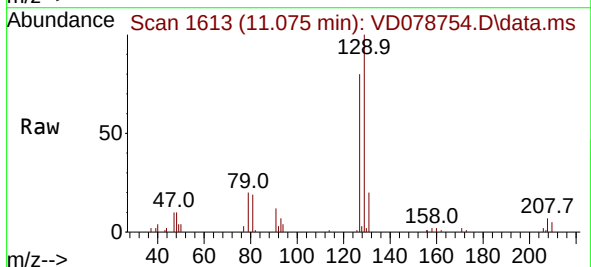
Manual Integrations
APPROVED

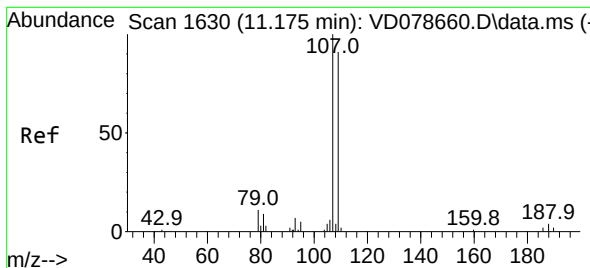
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#60
Dibromochloromethane
Concen: 21.798 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion:129 Resp: 26631
Ion Ratio Lower Upper
129 100
127 79.6 38.8 116.3





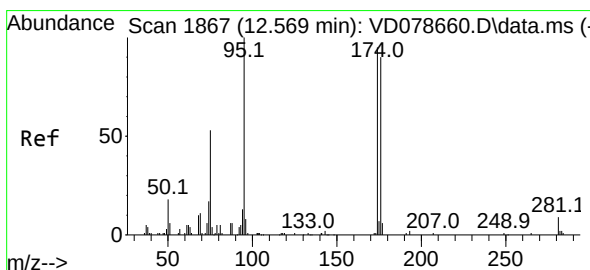
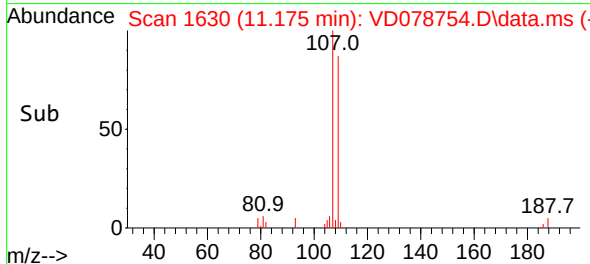
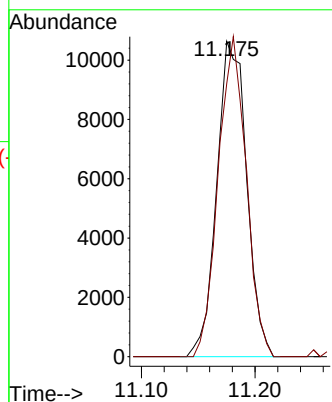
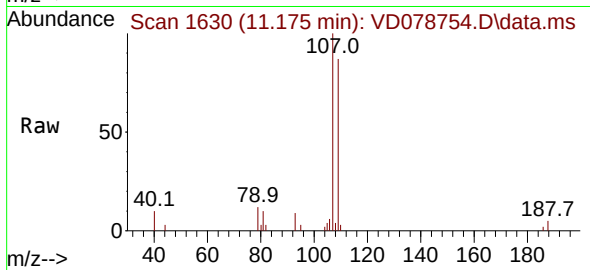
#61
1,2-Dibromoethane
Concen: 20.262 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

Tgt Ion:107 Resp: 19420
Ion Ratio Lower Upper
107 100
109 95.0 74.8 112.2

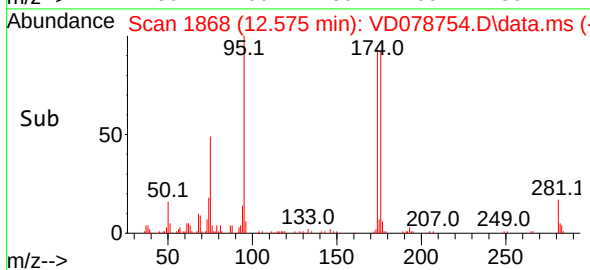
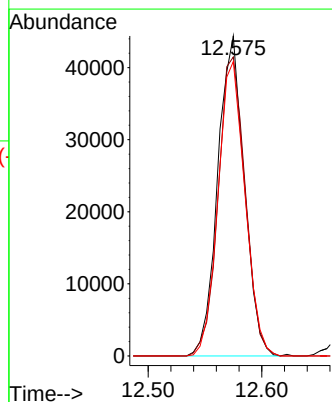
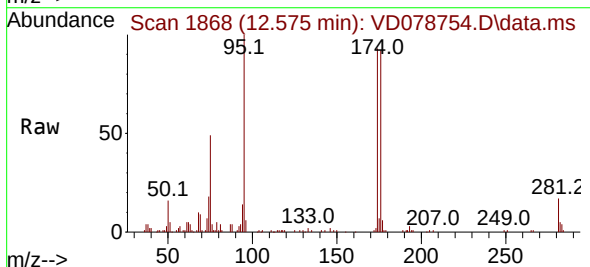
Manual Integrations
APPROVED

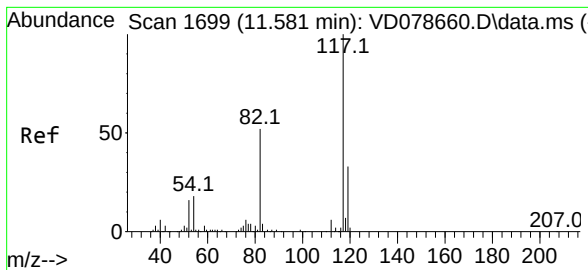
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#62
4-Bromofluorobenzene
Concen: 56.226 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

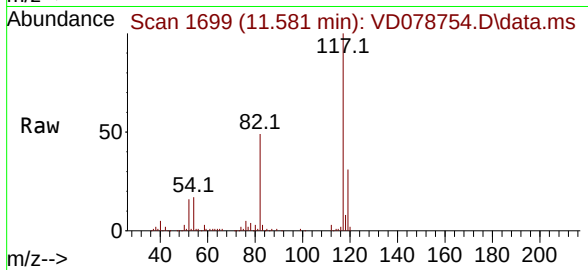
Tgt Ion: 95 Resp: 71756
Ion Ratio Lower Upper
95 100
174 95.6 0.0 195.2
176 93.7 0.0 188.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

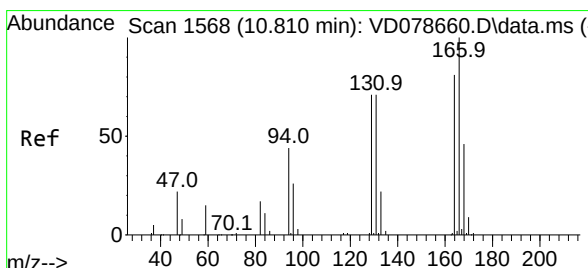
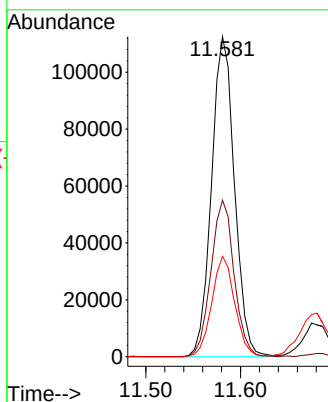
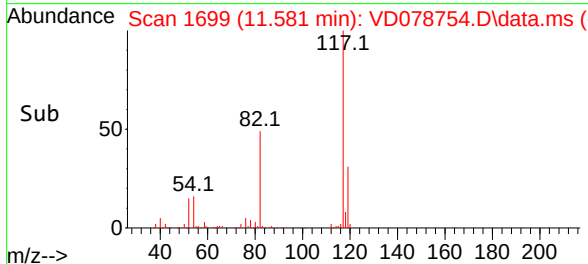
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01



Tgt Ion:117 Resp: 189278
Ion Ratio Lower Upper
117 100
82 48.9 41.4 62.2
119 31.4 26.5 39.7

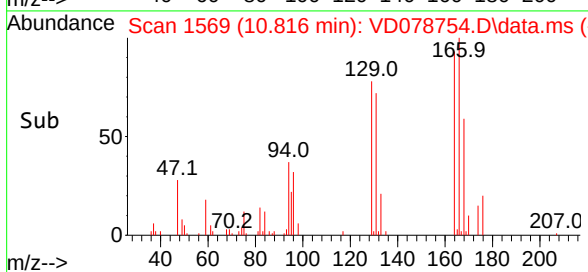
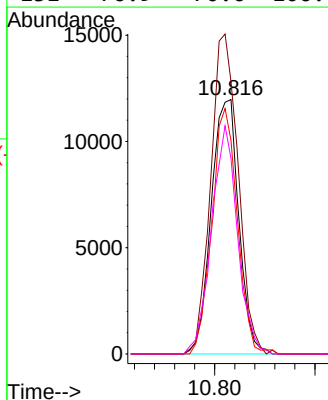
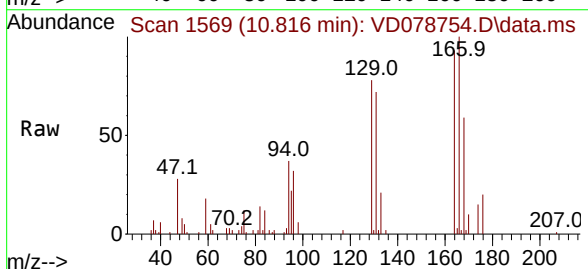
Manual Integrations
APPROVED

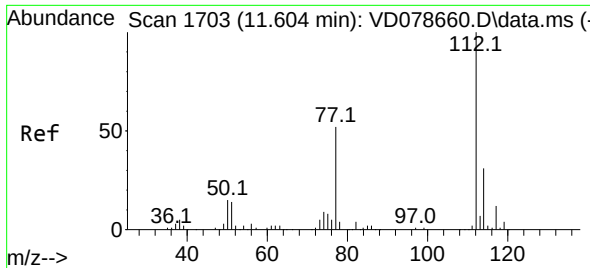
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#64
Tetrachloroethene
Concen: 18.203 ug/l
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

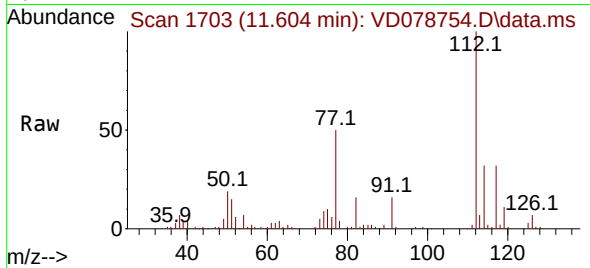
Tgt Ion:164 Resp: 22801
Ion Ratio Lower Upper
164 100
166 107.0 98.9 148.3
129 83.9 70.3 105.5
131 76.9 70.6 106.0





#65
Chlorobenzene
Concen: 19.577 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

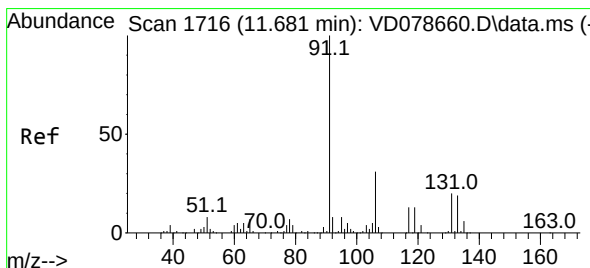
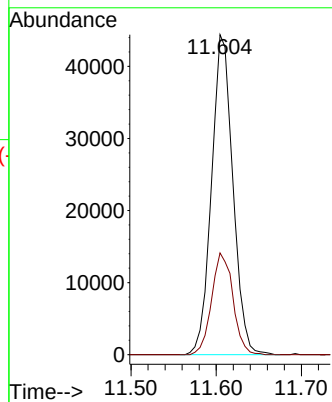
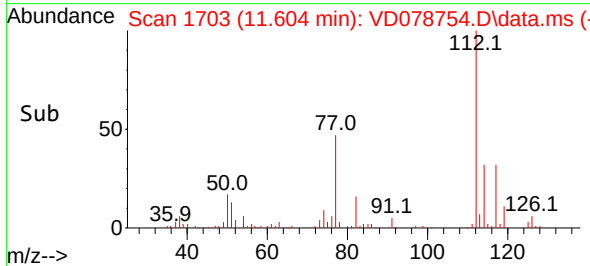
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01



Tgt Ion:112 Resp: 77435
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.6

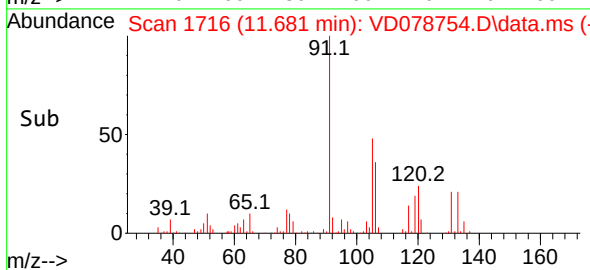
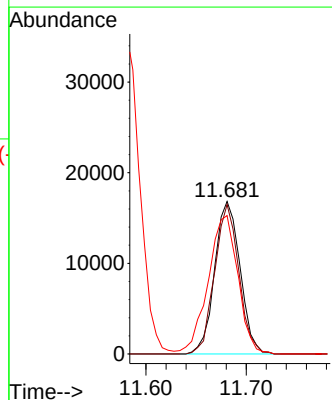
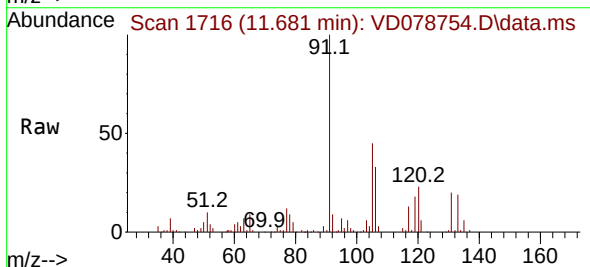
Manual Integrations
APPROVED

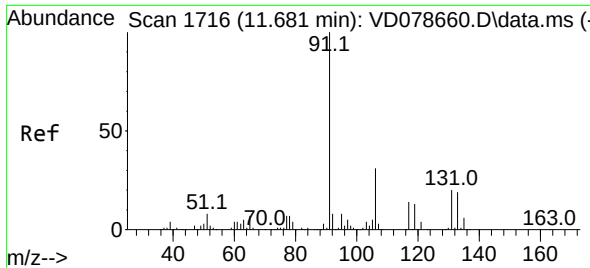
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.458 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

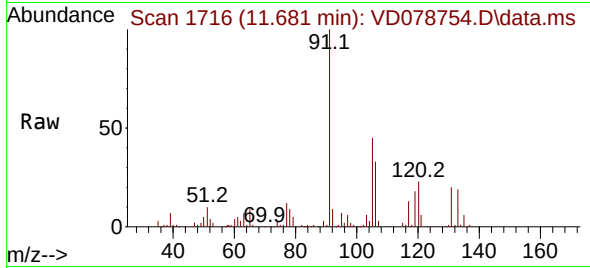
Tgt Ion:131 Resp: 29634
Ion Ratio Lower Upper
131 100
133 93.3 47.6 142.9
119 106.7 34.1 102.3#





#67
Ethyl Benzene
Concen: 21.011 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

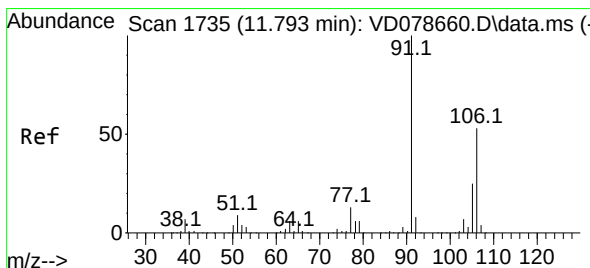
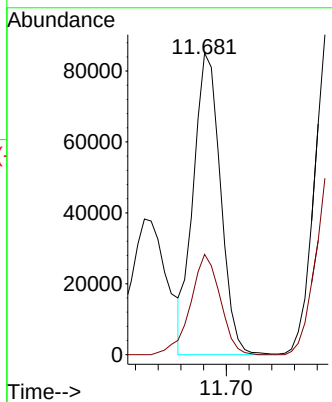
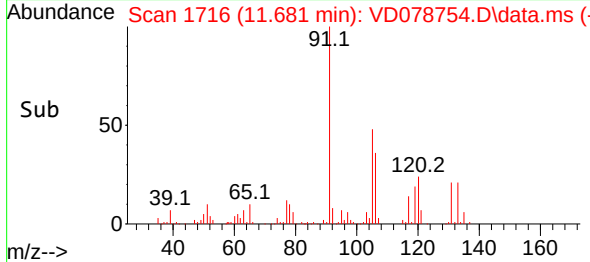
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01



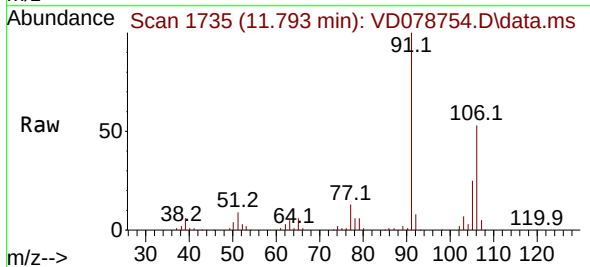
Tgt Ion: 91 Resp: 141610
Ion Ratio Lower Upper
91 100
106 33.3 24.5 36.7

Manual Integrations
APPROVED

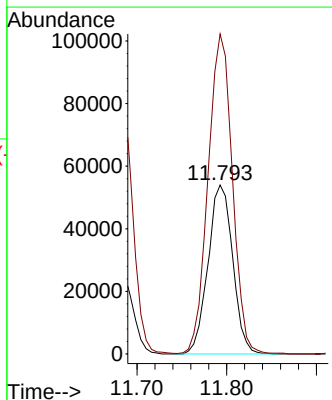
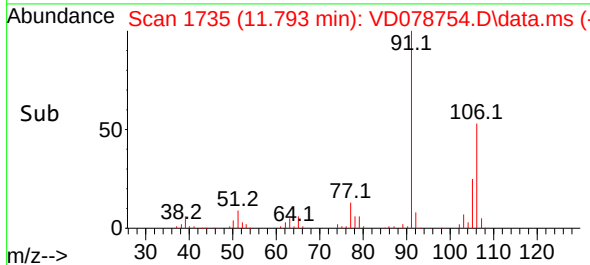
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024

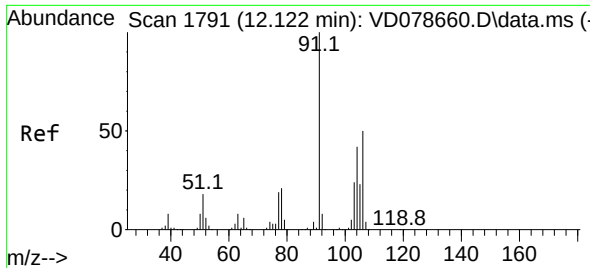


#68
m/p-Xylenes
Concen: 37.670 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11



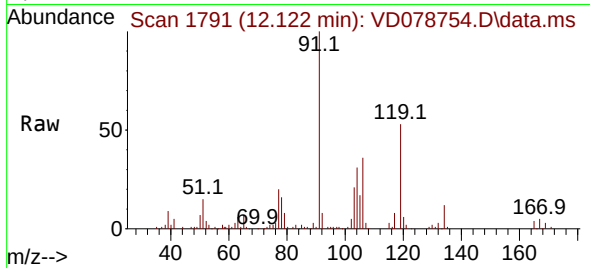
Tgt Ion:106 Resp: 103102
Ion Ratio Lower Upper
106 100
91 187.0 154.4 231.6





#69
o-Xylene
Concen: 19.485 ug/l m
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

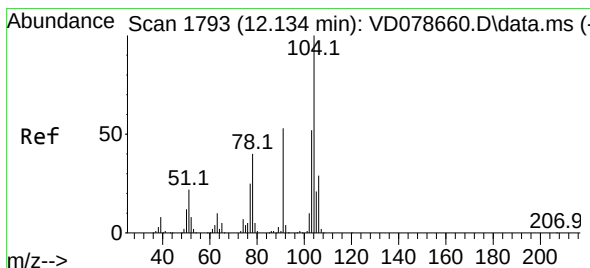
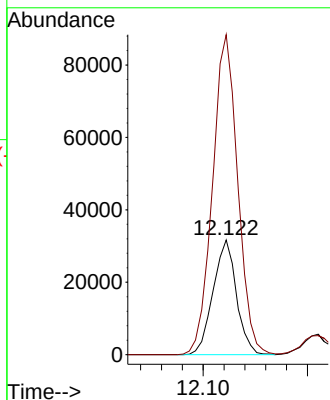
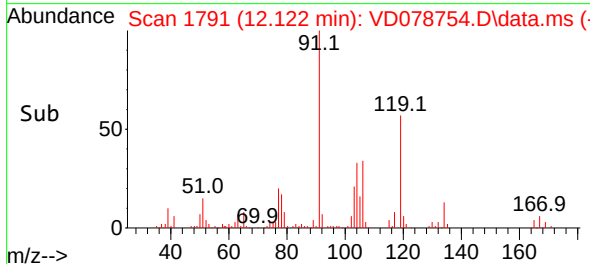
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01



Tgt Ion:106 Resp: 49342
Ion Ratio Lower Upper
106 100
91 21.2 99.6 298.7

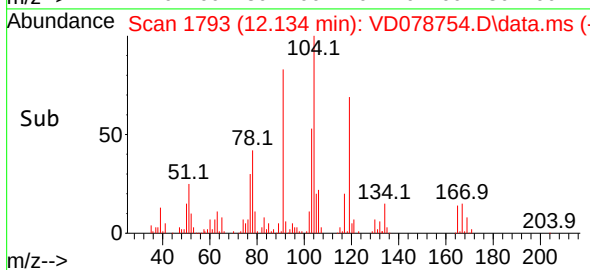
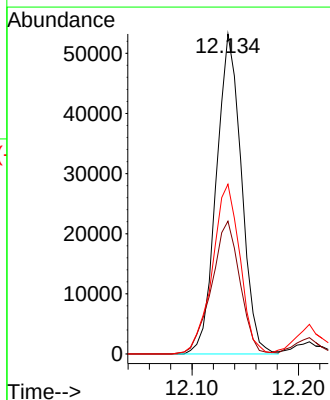
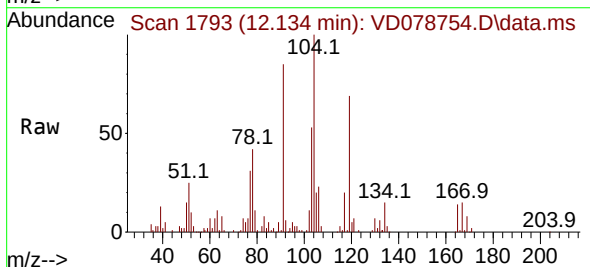
Manual Integrations
APPROVED

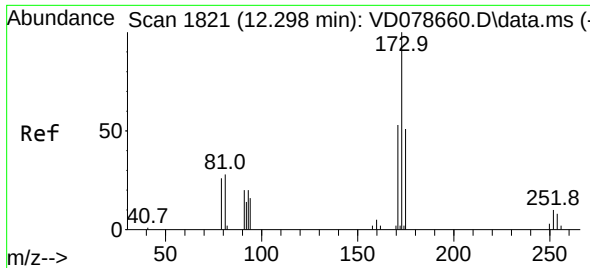
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#70
Styrene
Concen: 20.474 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

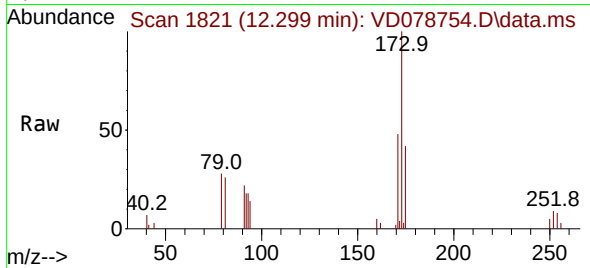
Tgt Ion:104 Resp: 87023
Ion Ratio Lower Upper
104 100
78 47.0 34.6 52.0
103 58.3 44.2 66.2





#71
Bromoform
Concen: 20.404 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

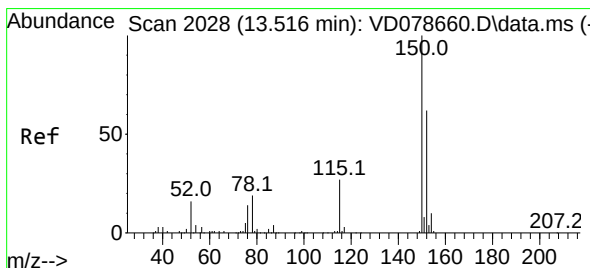
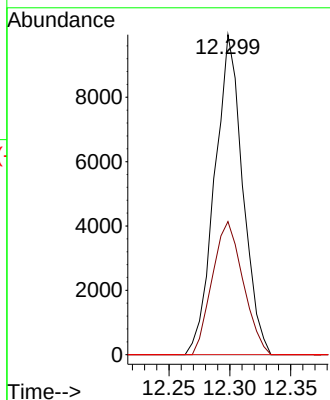
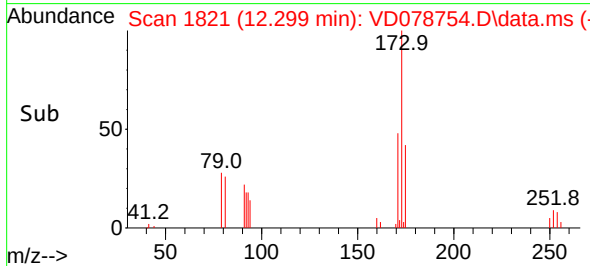
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01



Tgt Ion:173 Resp: 1597
Ion Ratio Lower Upper
173 100
175 45.7 25.8 77.4
254 0.0 0.0 0.0

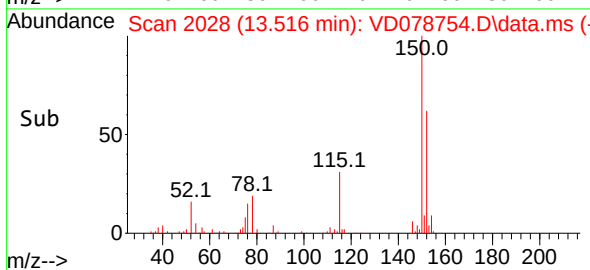
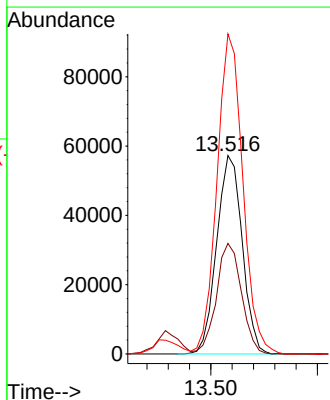
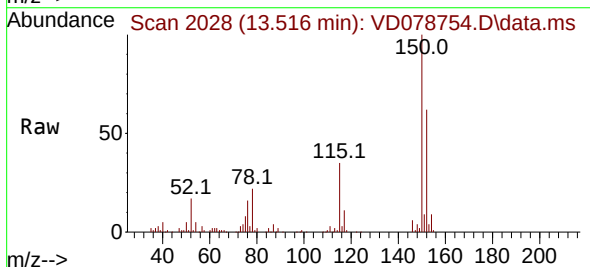
Manual Integrations
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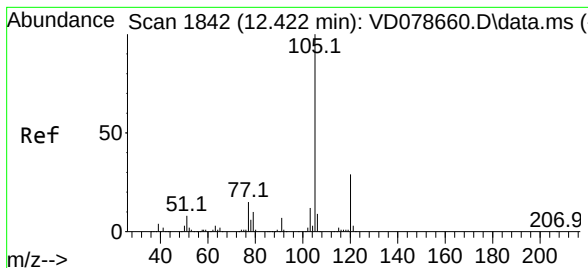
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion:152 Resp: 95274
Ion Ratio Lower Upper
152 100
115 54.8 27.1 81.2
150 163.2 0.0 350.2





#73

Isopropylbenzene

Concen: 41.660 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBS01

Tgt Ion:105 Resp: 261328

Ion Ratio Lower Upper

105 100

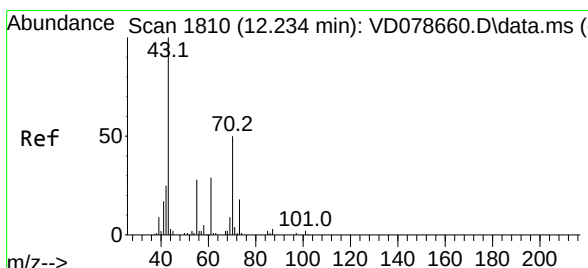
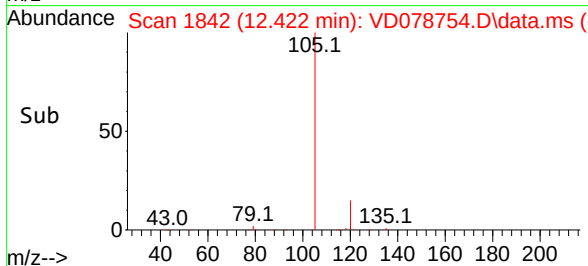
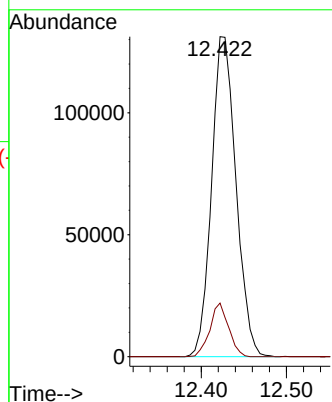
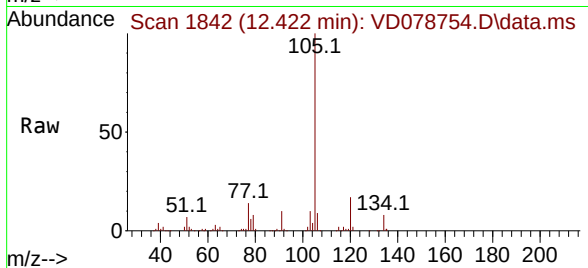
120 12.8 13.7 41.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/28/2024

Supervised By :Semsettin Yesilyurt 03/28/2024



#74

N-ethyl acetate

Concen: 21.480 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Tgt Ion: 43 Resp: 21877

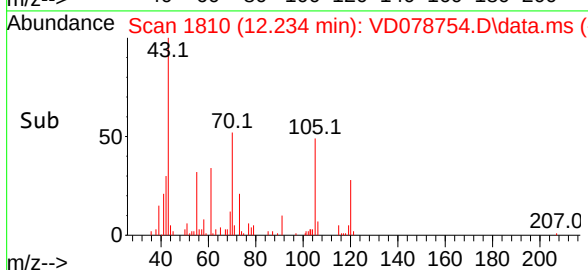
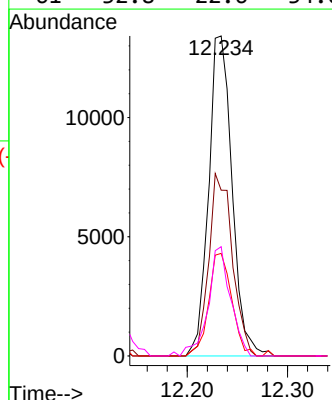
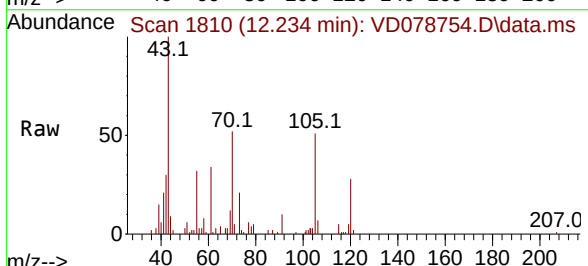
Ion Ratio Lower Upper

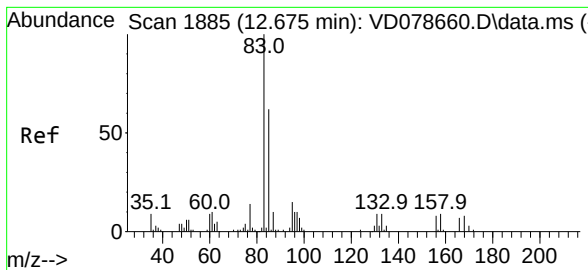
43 100

70 57.1 42.1 63.1

55 31.6 22.6 33.8

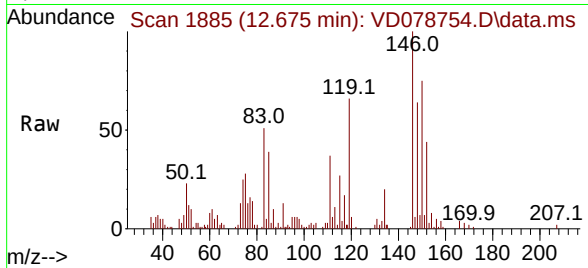
61 32.8 22.6 34.0





#75
1,1,2,2-Tetrachloroethane
Concen: 22.225 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

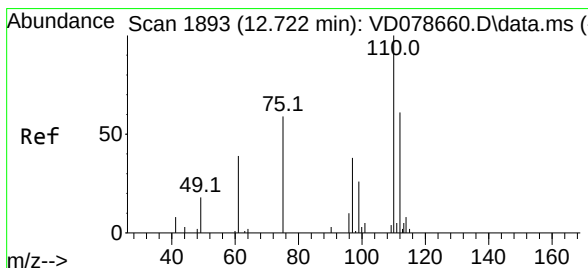
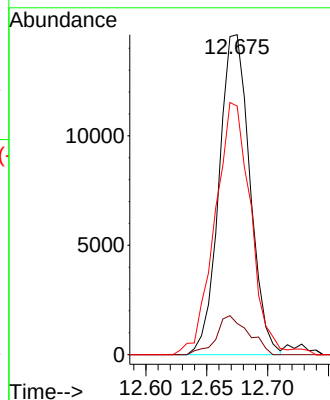
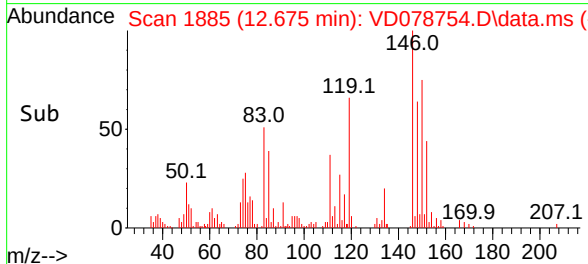
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01



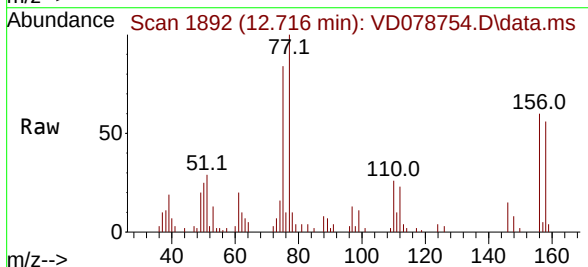
Tgt Ion: 83 Resp: 25808
Ion Ratio Lower Upper
83 100
131 12.8 4.9 14.7
85 91.6 32.2 96.6

Manual Integrations
APPROVED

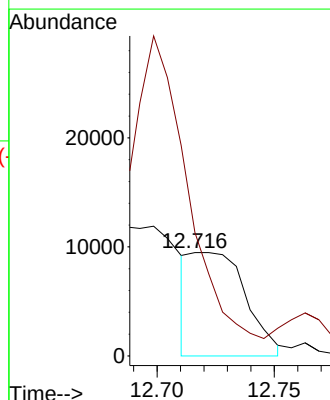
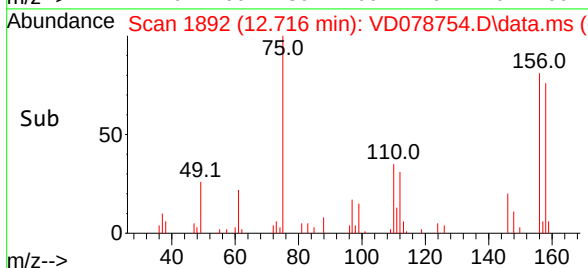
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024

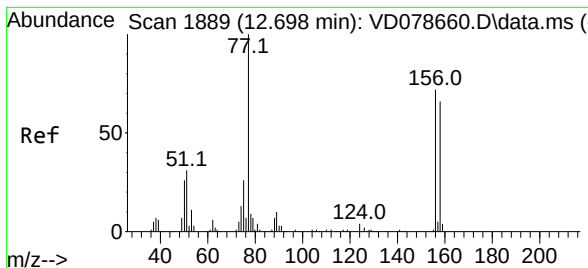


#76
1,2,3-Trichloropropane
Concen: 21.206 ug/l m
RT: 12.716 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11



Tgt Ion: 75 Resp: 15566
Ion Ratio Lower Upper
75 100
77 347.8 0.0 0.0#





#77

Bromobenzene

Concen: 21.169 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Instrument :

MSVOA_D

ClientSampleId :

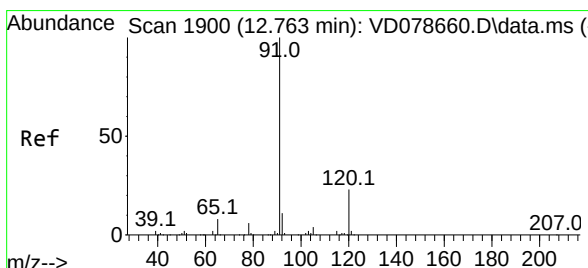
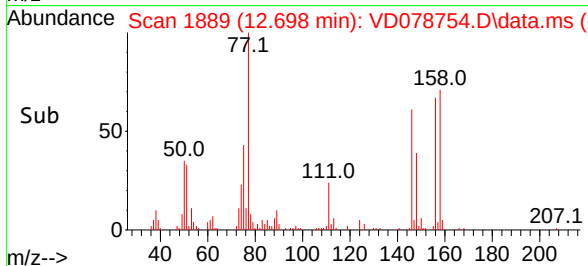
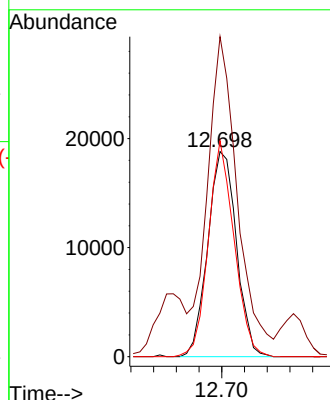
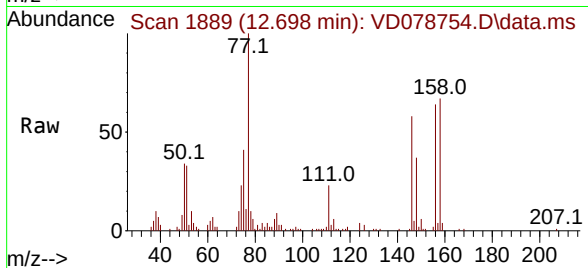
VD0327SBS01

Tgt Ion:	156	Resp:	3293
Ion Ratio	Lower	Upper	
156	100		
77	164.4	79.1	237.3
158	94.7	47.0	141.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#78

n-propylbenzene

Concen: 20.082 ug/l

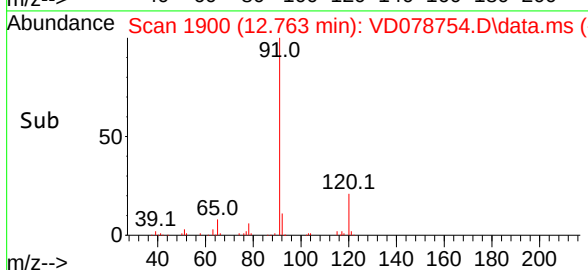
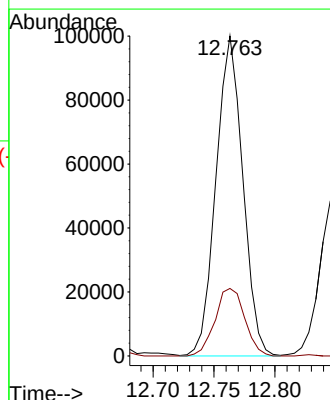
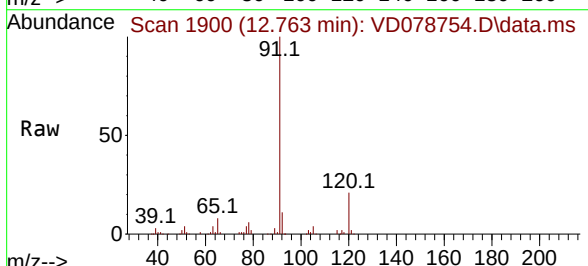
RT: 12.763 min Scan# 1900

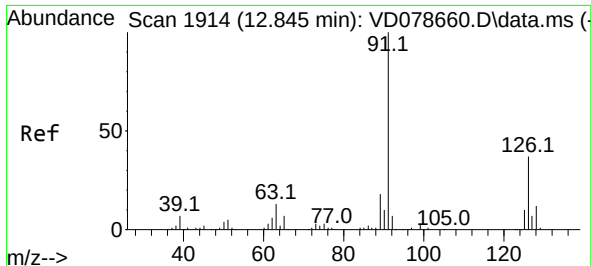
Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Tgt Ion:	91	Resp:	153334
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.7	35.1





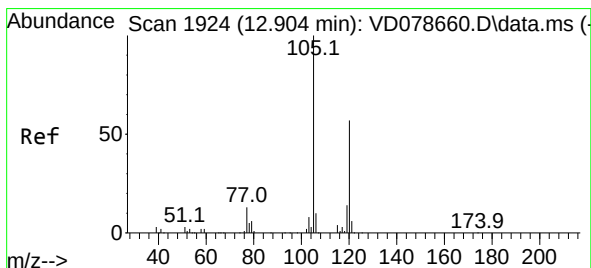
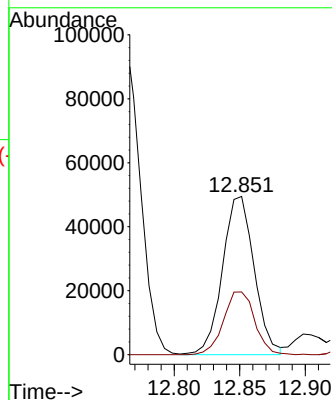
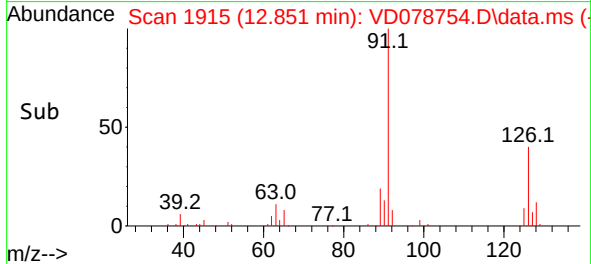
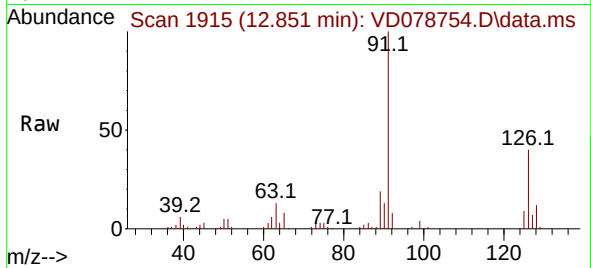
#79
2-Chlorotoluene
Concen: 19.890 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

Tgt Ion: 91 Resp: 83315
Ion Ratio Lower Upper
91 100
126 39.1 19.4 58.1

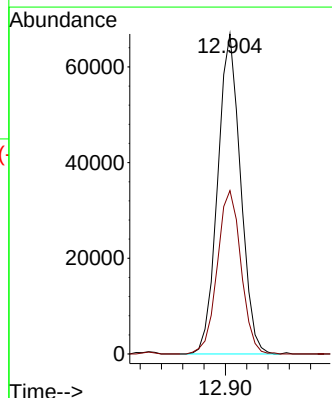
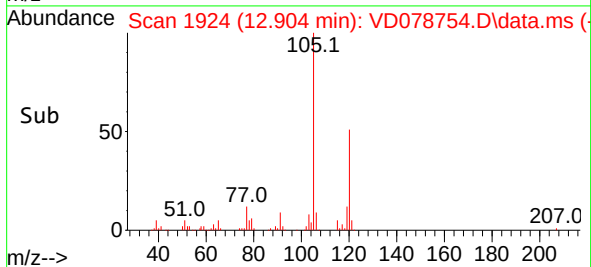
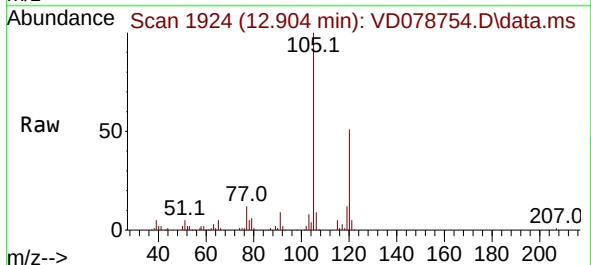
Manual Integrations
APPROVED

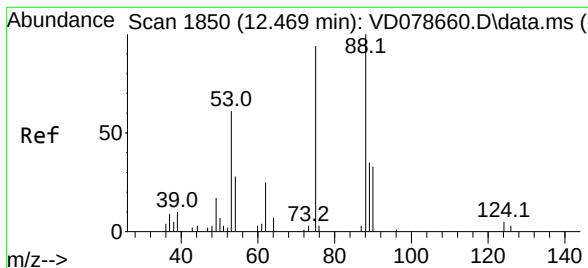
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.196 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

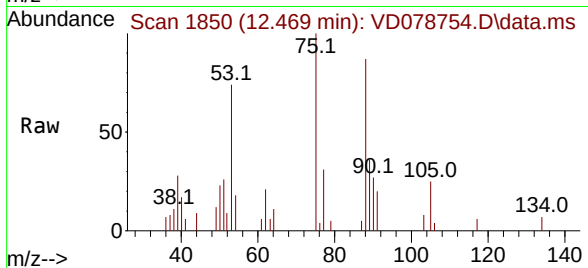
Tgt Ion:105 Resp: 99578
Ion Ratio Lower Upper
105 100
120 53.0 25.9 77.7





#81
trans-1,4-Dichloro-2-butene
Concen: 20.130 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

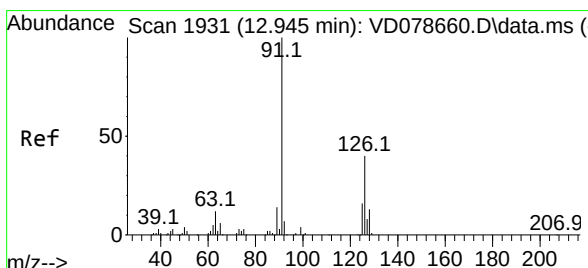
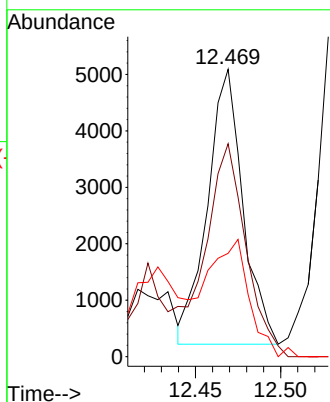
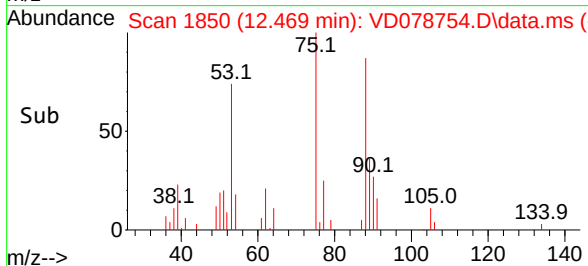
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01



Tgt Ion: 75 Resp: 7049
Ion Ratio Lower Upper
75 100
53 82.8 61.0 91.6
89 51.5 35.4 53.0

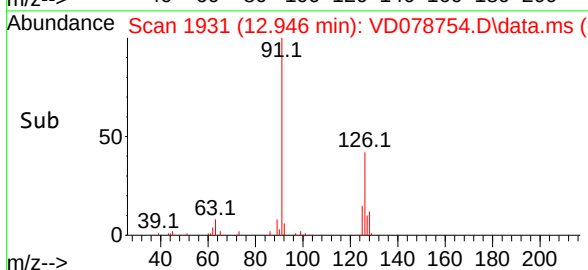
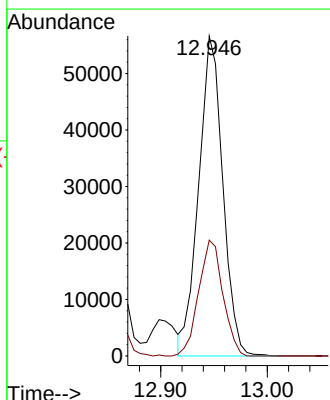
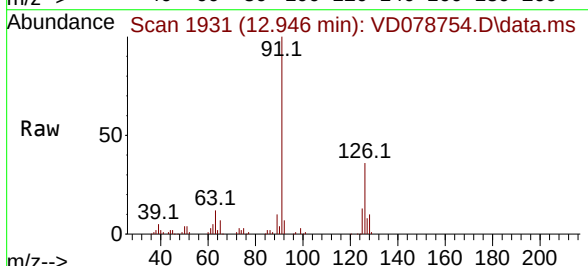
Manual Integrations
APPROVED

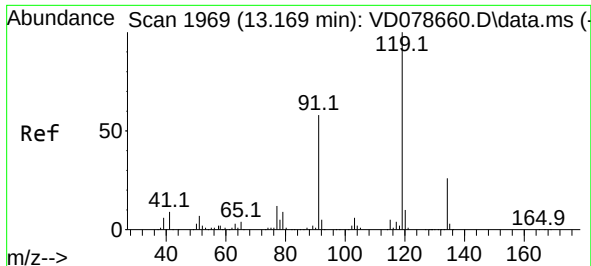
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#82
4-Chlorotoluene
Concen: 20.123 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion: 91 Resp: 89154
Ion Ratio Lower Upper
91 100
126 36.4 18.9 56.5





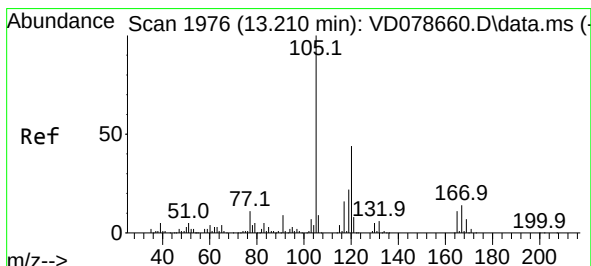
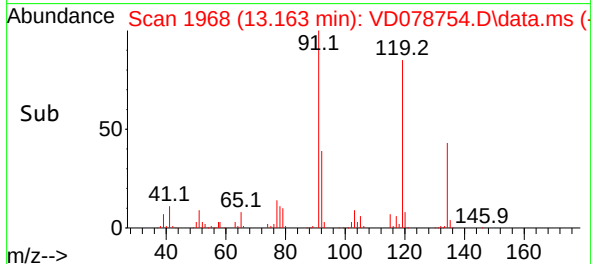
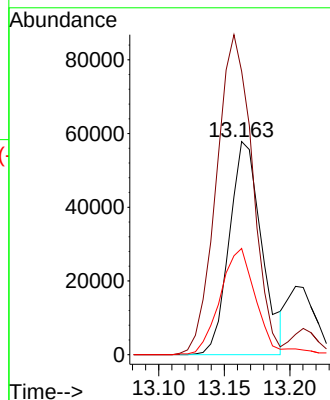
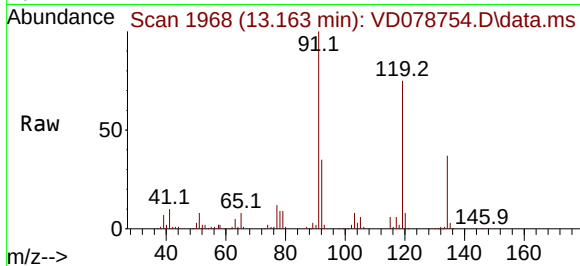
#83
tert-Butylbenzene
Concen: 22.104 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

Tgt Ion:119 Resp: 98860
Ion Ratio Lower Upper
119 100
91 167.4 28.9 86.7
134 56.3 13.6 40.8

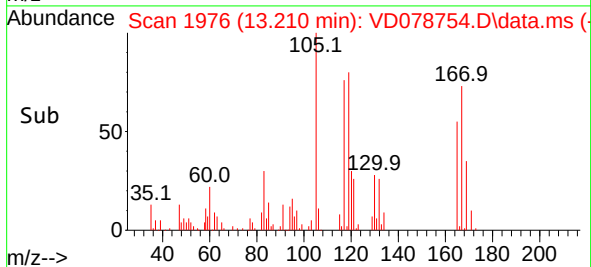
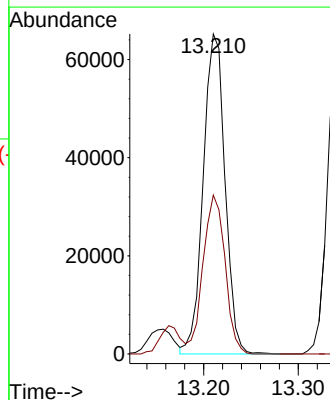
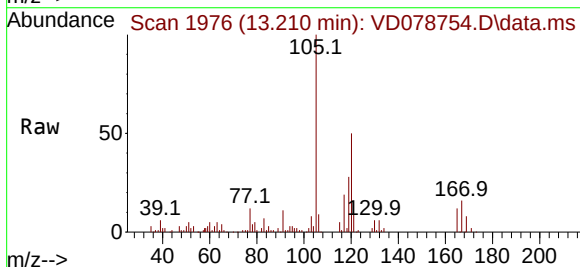
Manual Integrations
APPROVED

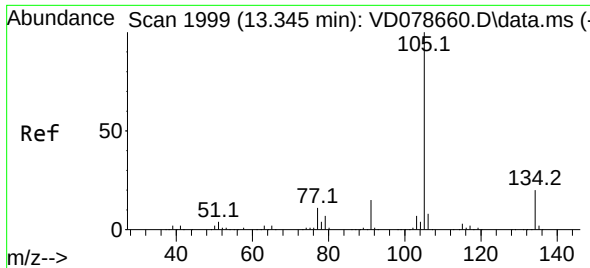
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#84
1,2,4-Trimethylbenzene
Concen: 19.890 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

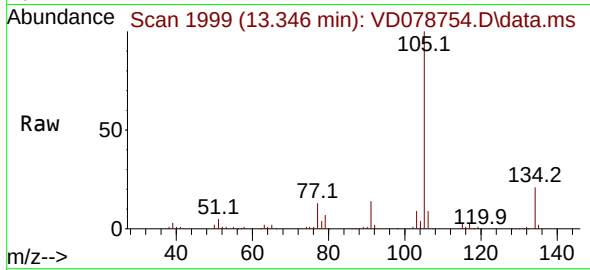
Tgt Ion:105 Resp: 103979
Ion Ratio Lower Upper
105 100
120 50.1 23.1 69.2





#85
 sec-Butylbenzene
 Concen: 19.424 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078754.D
 Acq: 27 Mar 2024 16:11

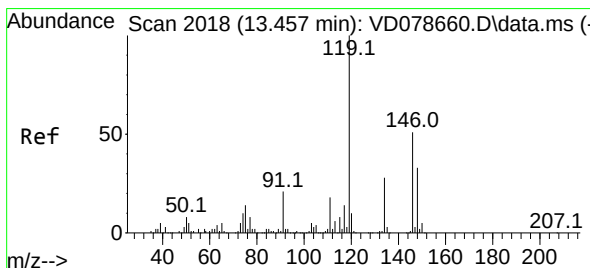
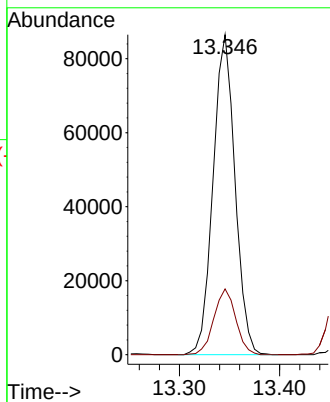
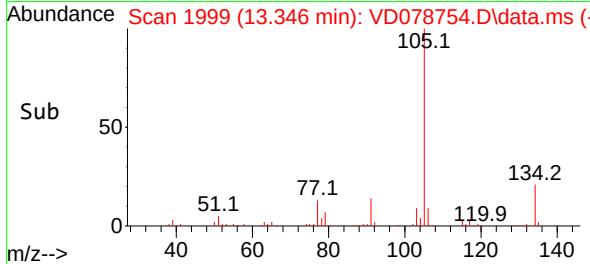
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBS01



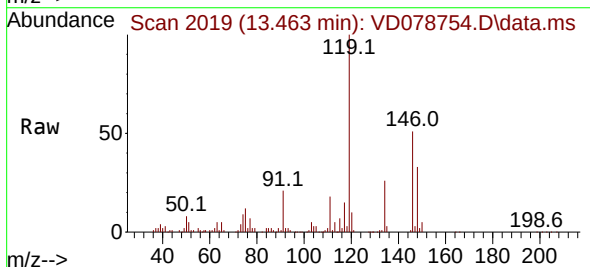
Tgt Ion:105 Resp: 131475
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.2

Manual Integrations
 APPROVED

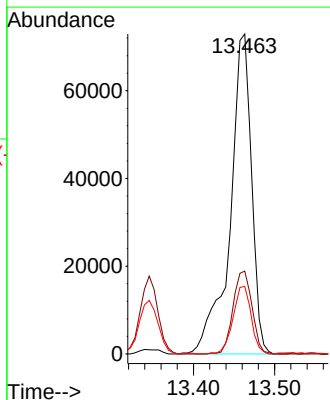
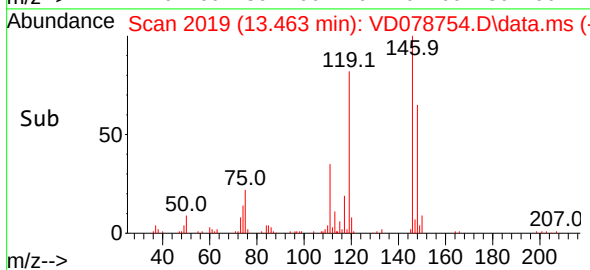
Reviewed By :Mahesh Dadoda 03/28/2024
 Supervised By :Semsettin Yesilyurt 03/28/2024

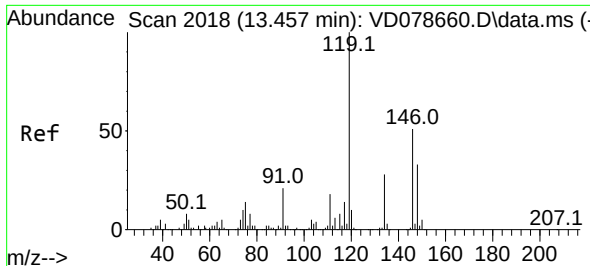


#86
 p-Isopropyltoluene
 Concen: 23.045 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD078754.D
 Acq: 27 Mar 2024 16:11



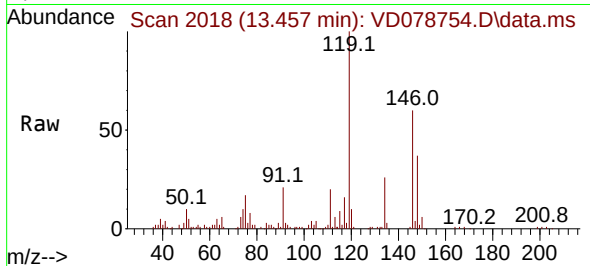
Tgt Ion:119 Resp: 133537
 Ion Ratio Lower Upper
 119 100
 134 22.9 13.5 40.5
 91 17.9 10.4 31.2





#87
1,3-Dichlorobenzene
Concen: 20.370 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

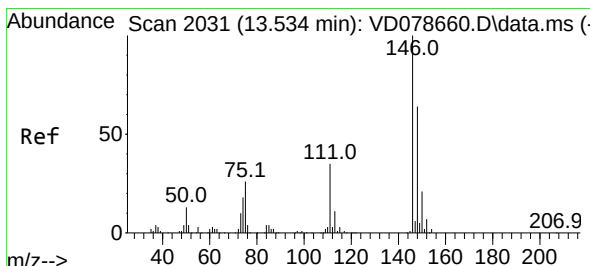
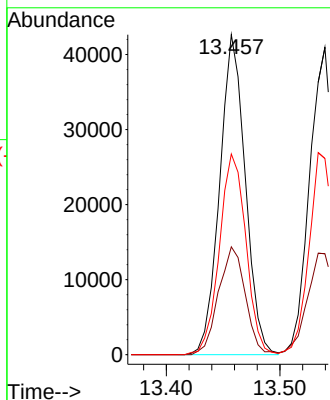
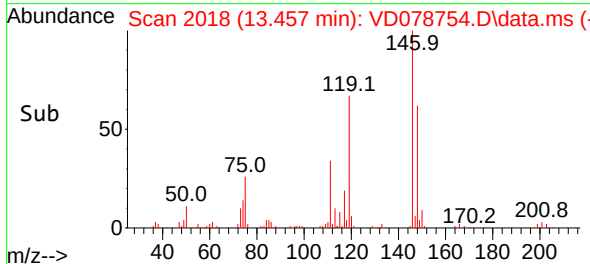
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01



Tgt Ion:146 Resp: 6687
Ion Ratio Lower Upper
146 100
111 35.3 18.2 54.6
148 64.9 31.1 93.5

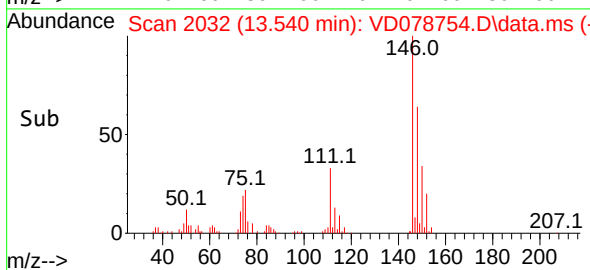
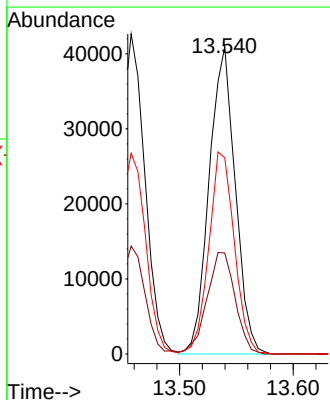
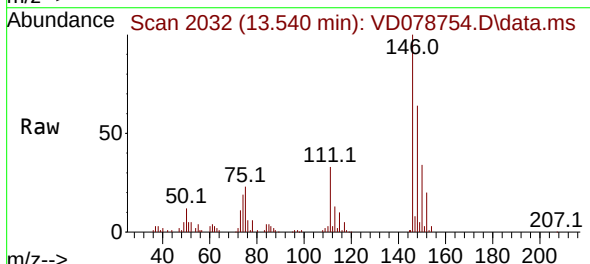
Manual Integrations
APPROVED

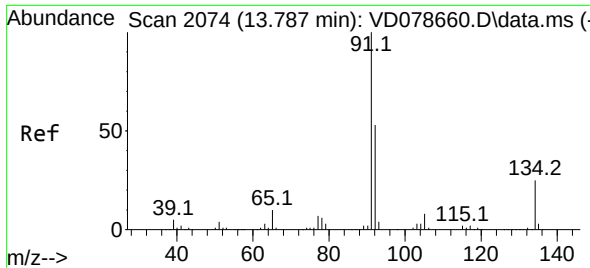
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#88
1,4-Dichlorobenzene
Concen: 20.242 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion:146 Resp: 65490
Ion Ratio Lower Upper
146 100
111 35.6 17.8 53.3
148 64.4 32.4 97.0





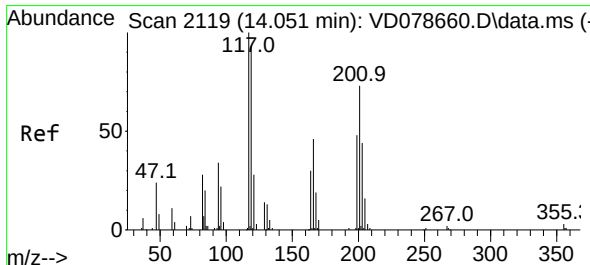
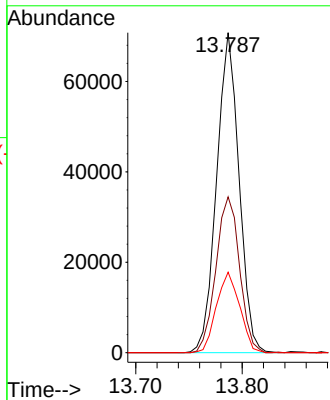
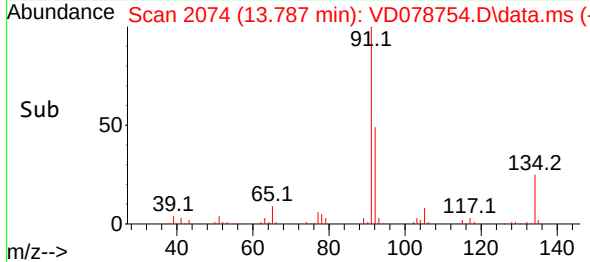
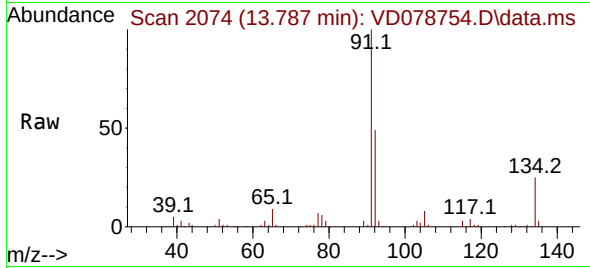
#89
n-Butylbenzene
Concen: 19.716 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

Tgt Ion: 91 Resp: 103179
Ion Ratio Lower Upper
91 100
92 51.4 26.4 79.0
134 26.2 13.0 38.9

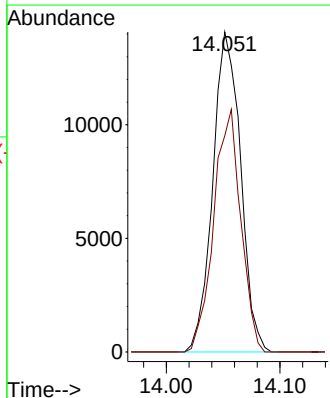
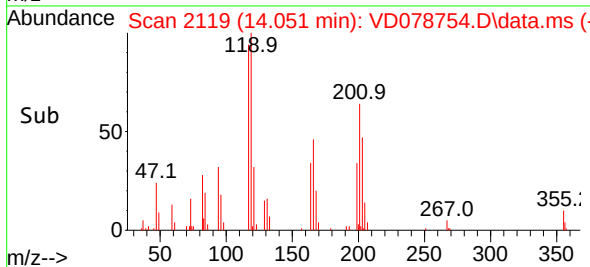
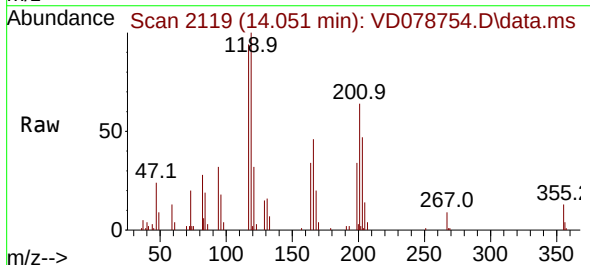
Manual Integrations
APPROVED

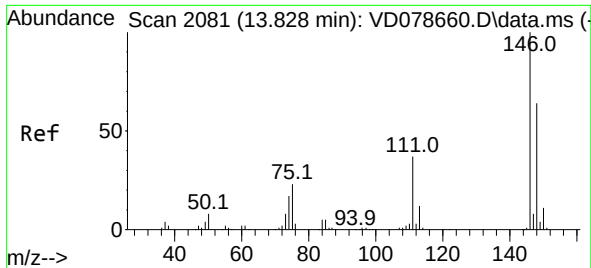
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#90
Hexachloroethane
Concen: 19.978 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion:117 Resp: 23954
Ion Ratio Lower Upper
117 100
201 73.7 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 19.909 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBS01

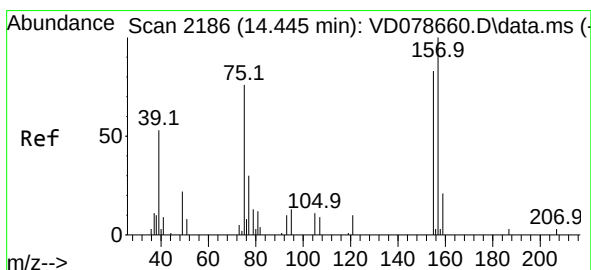
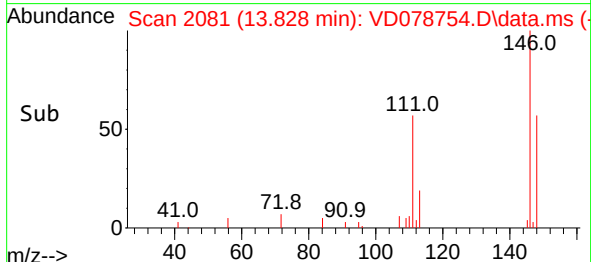
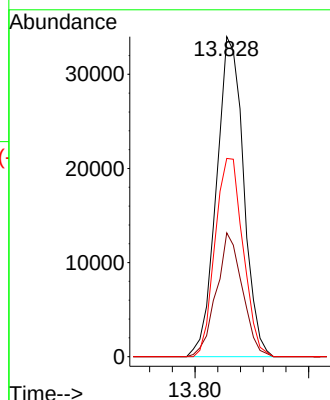
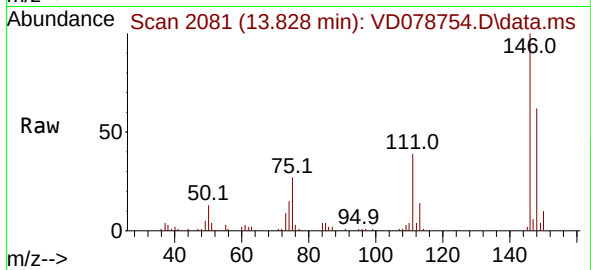
Tgt Ion:146 Resp: 56290

Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	56.0
148	64.0	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 25.524 ug/l

RT: 14.451 min Scan# 2187

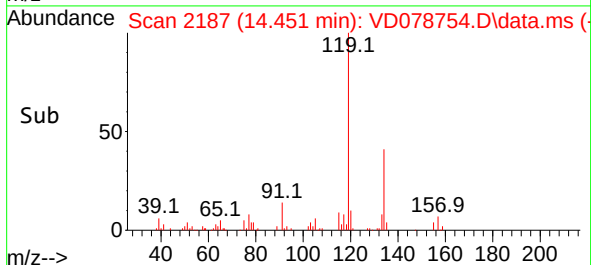
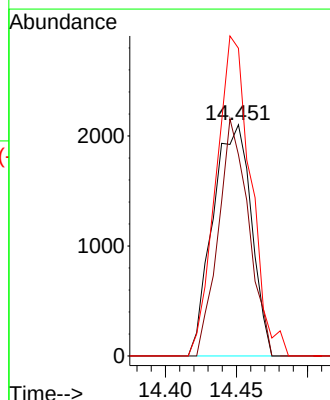
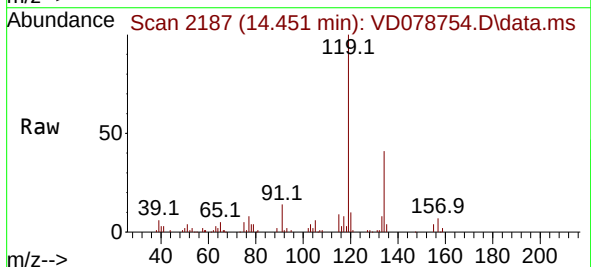
Delta R.T. 0.006 min

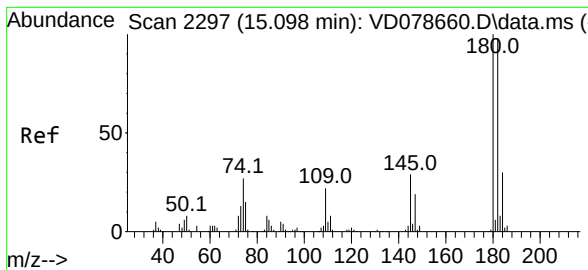
Lab File: VD078754.D

Acq: 27 Mar 2024 16:11

Tgt Ion: 75 Resp: 3965

Ion	Ratio	Lower	Upper
75	100		
155	80.3	49.8	149.3
157	125.4	65.5	196.3





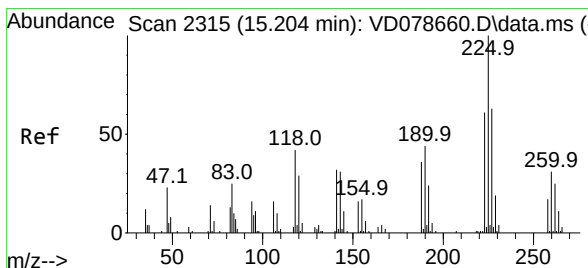
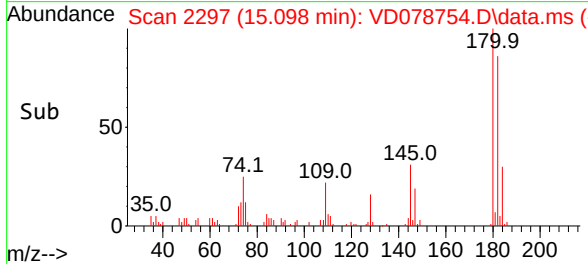
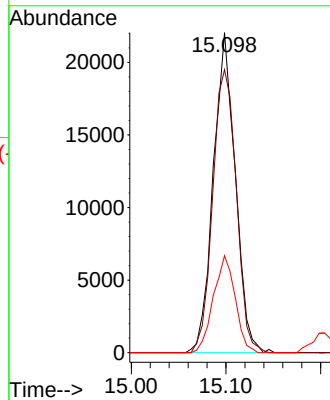
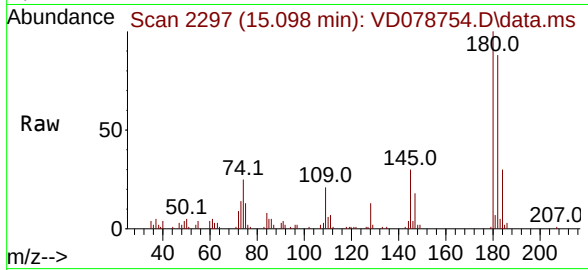
#93
1,2,4-Trichlorobenzene
Concen: 21.569 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

Tgt Ion:180 Resp: 3559
Ion Ratio Lower Upper
180 100
182 94.9 49.7 149.1
145 30.0 14.6 44.0

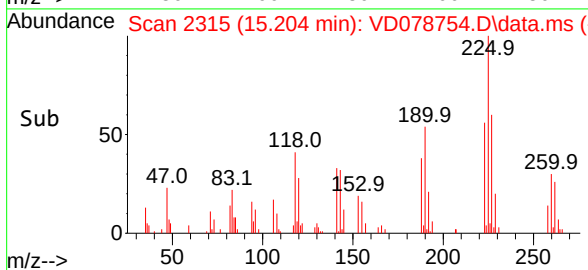
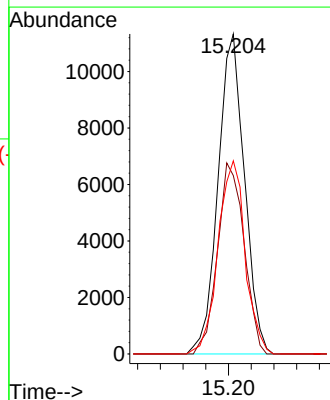
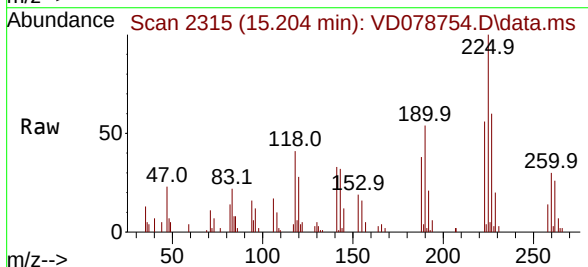
Manual Integrations
APPROVED

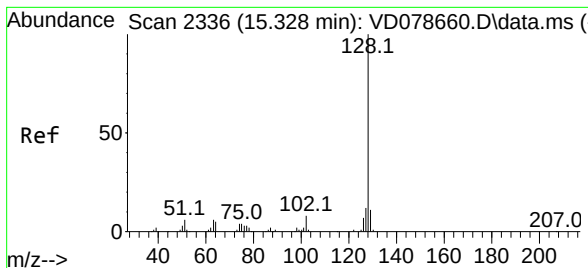
Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#94
Hexachlorobutadiene
Concen: 20.498 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

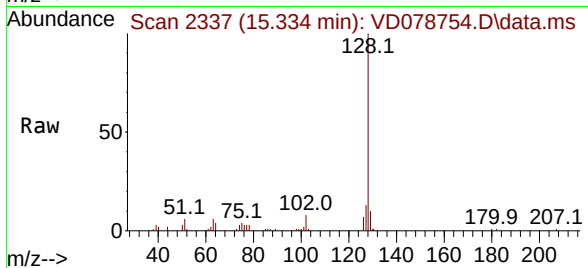
Tgt Ion:225 Resp: 18311
Ion Ratio Lower Upper
225 100
223 60.1 31.9 95.7
227 61.7 32.0 96.0





#95
Naphthalene
Concen: 20.686 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

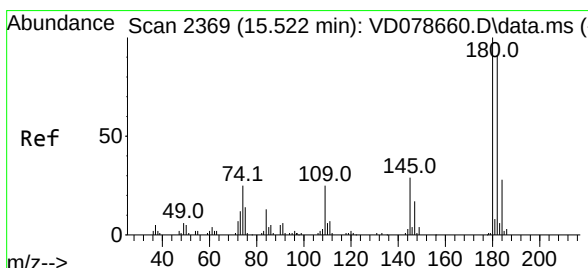
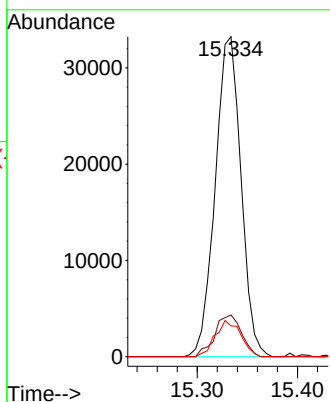
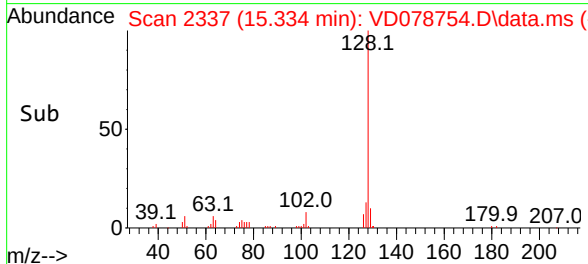
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01



Tgt Ion:128 Resp: 59340
Ion Ratio Lower Upper
128 100
127 13.1 9.3 13.9
129 9.6 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/28/2024
Supervised By :Semsettin Yesilyurt 03/28/2024



#96
1,2,3-Trichlorobenzene
Concen: 21.607 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD078754.D
Acq: 27 Mar 2024 16:11

Tgt Ion:180 Resp: 30844
Ion Ratio Lower Upper
180 100
182 93.4 46.7 140.1
145 28.3 14.4 43.4

