

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050124\
 Data File : VD078859.D
 Acq On : 01 May 2024 13:11
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 02 07:39:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:30:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	121300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	205981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	198672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	104122	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	77672	57.690	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.380%	
35) Dibromofluoromethane	7.805	113	87414	57.799	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.600%	
50) Toluene-d8	10.269	98	338827	58.378	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.760%	
62) 4-Bromofluorobenzene	12.575	95	99888	60.134	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 120.260%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	63384	46.225	ug/l	97
3) Chloromethane	2.146	50	105310	51.674	ug/l	99
4) Vinyl Chloride	2.281	62	151095	51.074	ug/l	94
5) Bromomethane	2.693	94	146159	49.513	ug/l	96
6) Chloroethane	2.834	64	130603	53.590	ug/l	93
7) Trichlorofluoromethane	3.175	101	115366	47.916	ug/l	94
8) Diethyl Ether	3.599	74	36443	55.511	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.975	101	72104	49.847	ug/l	97
10) Methyl Iodide	4.169	142	93470	53.996	ug/l	98
11) Tert butyl alcohol	5.046	59	17511	283.934	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	73840	51.485	ug/l	91
13) Acrolein	3.799	56	31627	265.517	ug/l	99
14) Allyl chloride	4.564	41	79322	55.097	ug/l	96
15) Acrylonitrile	5.258	53	74666	285.712	ug/l	98
16) Acetone	4.016	43	63946	318.498	ug/l	92
17) Carbon Disulfide	4.269	76	250853	52.891	ug/l	98
18) Methyl Acetate	4.564	43	26422	53.087	ug/l	98
19) Methyl tert-butyl Ether	5.322	73	157592	58.061	ug/l	98
20) Methylene Chloride	4.805	84	94804	51.044	ug/l	97
21) trans-1,2-Dichloroethene	5.316	96	88197	54.842	ug/l	94
22) Diisopropyl ether	6.222	45	191795	60.247	ug/l #	94
23) Vinyl Acetate	6.158	43	578876	301.619	ug/l	95
24) 1,1-Dichloroethane	6.110	63	138310	53.965	ug/l	99
25) 2-Butanone	7.087	43	83080	295.062	ug/l	95
26) 2,2-Dichloropropane	7.075	77	115653	53.479	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	101204	55.094	ug/l	98
28) Bromochloromethane	7.434	49	54738	56.766	ug/l	91
29) Tetrahydrofuran	7.446	42	48797	296.175	ug/l	92
30) Chloroform	7.599	83	155100	54.230	ug/l	98
31) Cyclohexane	7.875	56	94768	47.410	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	126329	52.370	ug/l	98
36) 1,1-Dichloropropene	8.005	75	103298	53.101	ug/l	99
37) Ethyl Acetate	7.169	43	34284	53.283	ug/l	97
38) Carbon Tetrachloride	7.993	117	114809	51.272	ug/l	95
39) Methylcyclohexane	9.275	83	119959	50.046	ug/l	97
40) Benzene	8.252	78	344323	54.049	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:30:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	15682	49.355	ug/l #	77
42) 1,2-Dichloroethane	8.328	62	82788	55.046	ug/l	99
43) Isopropyl Acetate	8.363	43	68726	58.394	ug/l	99
44) Trichloroethene	9.028	130	85366	53.196	ug/l	99
45) 1,2-Dichloropropane	9.304	63	76002	54.400	ug/l	92
46) Dibromomethane	9.393	93	48852	54.924	ug/l	98
47) Bromodichloromethane	9.581	83	120641	54.777	ug/l	94
48) Methyl methacrylate	9.387	41	32252	58.463	ug/l	98
49) 1,4-Dioxane	9.381	88	10205	1257.280	ug/l	90
51) 4-Methyl-2-Pentanone	10.157	43	184738	293.123	ug/l	100
52) Toluene	10.334	92	225792	56.427	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	102820	55.677	ug/l	91
54) cis-1,3-Dichloropropene	10.016	75	123808	55.507	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	63079	54.676	ug/l	97
56) Ethyl methacrylate	10.593	69	70902	59.813	ug/l	98
57) 1,3-Dichloropropane	10.875	76	100835	55.271	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	147623	285.203	ug/l	99
59) 2-Hexanone	10.922	43	132627	297.206	ug/l	99
60) Dibromochloromethane	11.075	129	86503	55.320	ug/l	97
61) 1,2-Dibromoethane	11.181	107	58717	54.880	ug/l	96
64) Tetrachloroethene	10.810	164	72329	53.375	ug/l	96
65) Chlorobenzene	11.604	112	251235	55.101	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	85123	53.387	ug/l	98
67) Ethyl Benzene	11.681	91	415687	55.737	ug/l	95
68) m/p-Xylenes	11.793	106	345027	114.260	ug/l	97
69) o-Xylene	12.122	106	157797	57.158	ug/l	100
70) Styrene	12.134	104	280640	57.814	ug/l	100
71) Bromoform	12.298	173	49221	57.017	ug/l #	95
73) Isopropylbenzene	12.422	105	388986	55.422	ug/l	99
74) N-amyl acetate	12.234	43	66962	57.356	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	70846	53.875	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	83571	96.390	ug/l #	100
77) Bromobenzene	12.698	156	97541	54.093	ug/l	97
78) n-propylbenzene	12.763	91	470495	55.315	ug/l	99
79) 2-Chlorotoluene	12.851	91	262726	55.340	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	330286	56.671	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	24461	55.173	ug/l	98
82) 4-Chlorotoluene	12.945	91	284562	56.207	ug/l	99
83) tert-Butylbenzene	13.163	119	281401	56.095	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	338228	56.697	ug/l	98
85) sec-Butylbenzene	13.345	105	409143	53.709	ug/l	99
86) p-Isopropyltoluene	13.463	119	361037	54.688	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	203975	54.013	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	199069	53.252	ug/l	99
89) n-Butylbenzene	13.787	91	321603	54.643	ug/l	99
90) Hexachloroethane	14.051	117	72755	51.511	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	179150	55.430	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9754	54.483	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	100096	55.749	ug/l	98
94) Hexachlorobutadiene	15.198	225	46133	50.156	ug/l	96
95) Naphthalene	15.334	128	185228	57.261	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	88485	55.629	ug/l	96

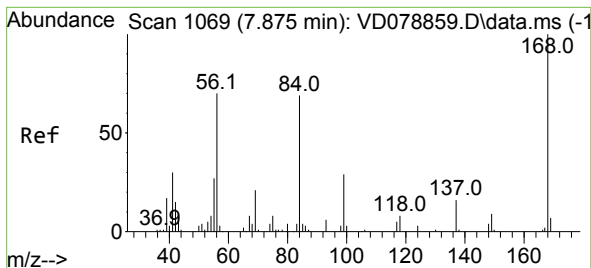
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Quant Title : SW846 8260
QLast Update : Thu May 02 07:30:30 2024
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD078859.D

Acq: 01 May 2024 13:11

Instrument :

MSVOA_D

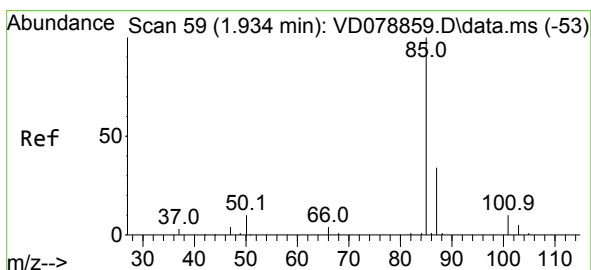
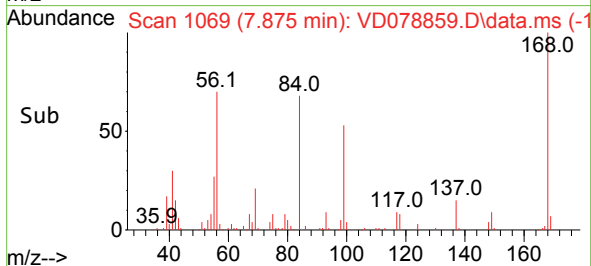
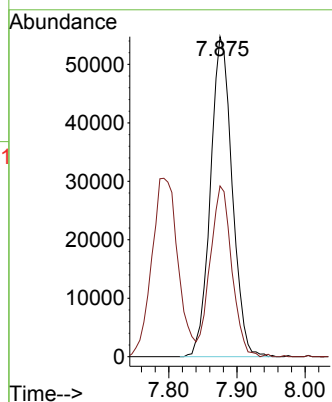
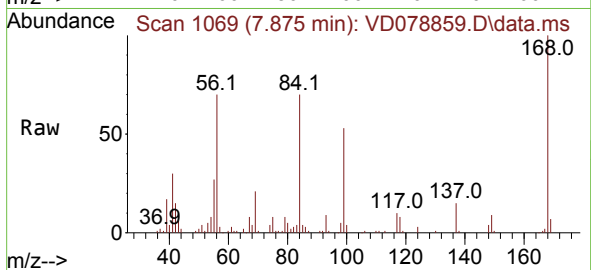
ClientSampleId :

Tgt Ion:168 Resp: 121300

Ion Ratio Lower Upper

168 100

99 53.4 38.8 58.2



#2

Dichlorodifluoromethane

Concen: 46.225 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078859.D

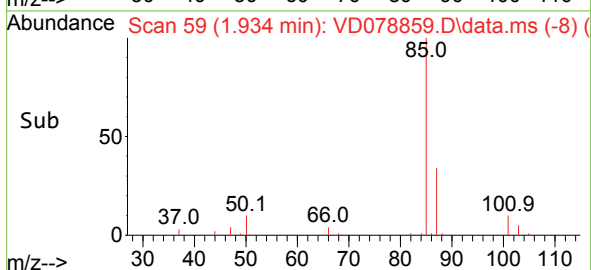
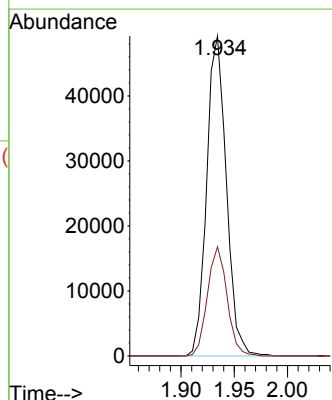
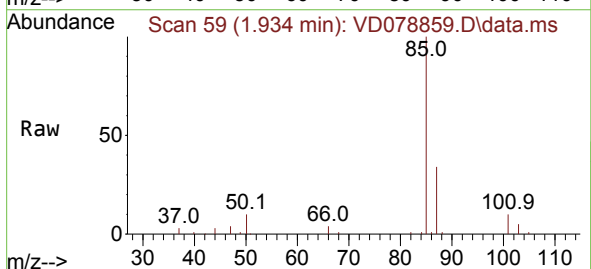
Acq: 01 May 2024 13:11

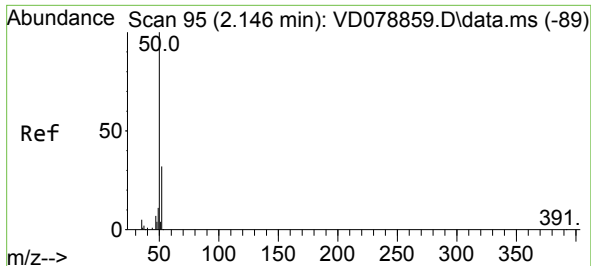
Tgt Ion: 85 Resp: 63384

Ion Ratio Lower Upper

85 100

87 34.1 16.2 48.5

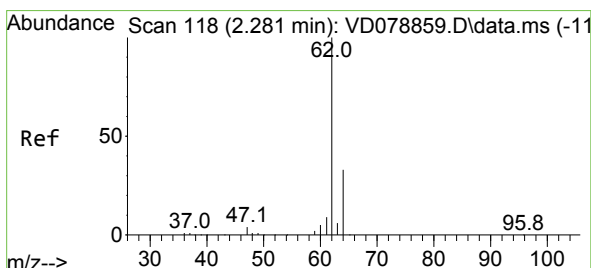
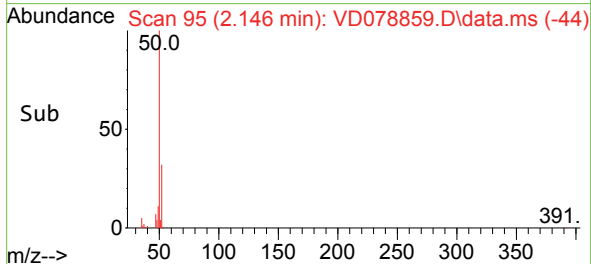
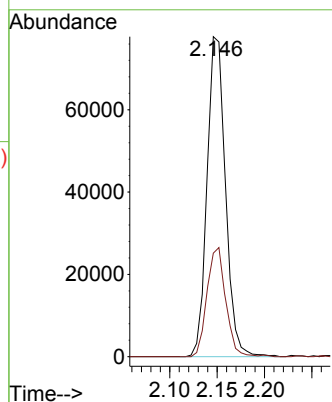
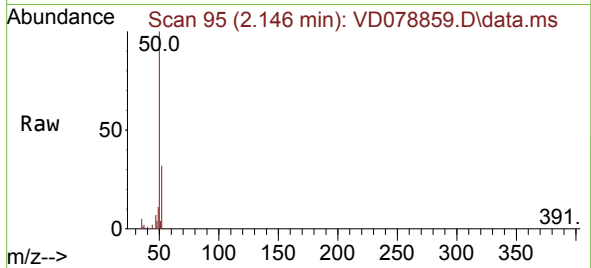




#3
Chloromethane
Concen: 51.674 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

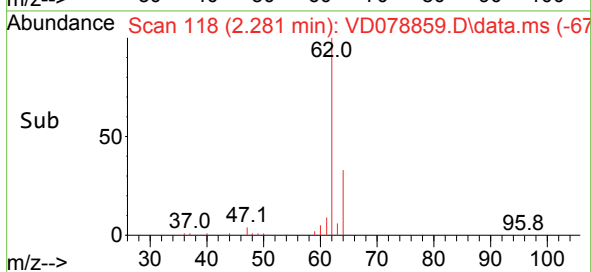
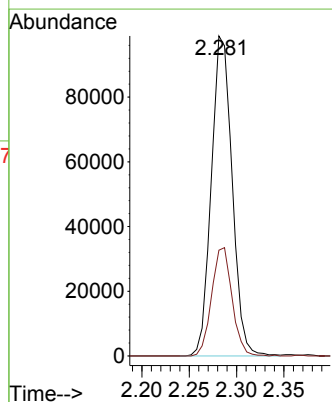
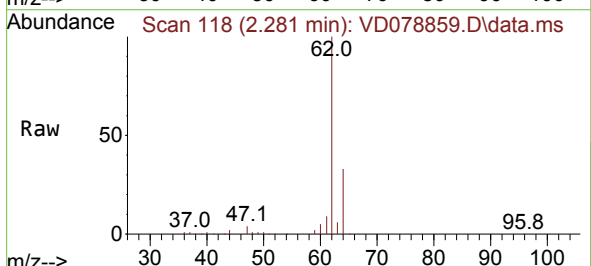
Instrument :
MSVOA_D
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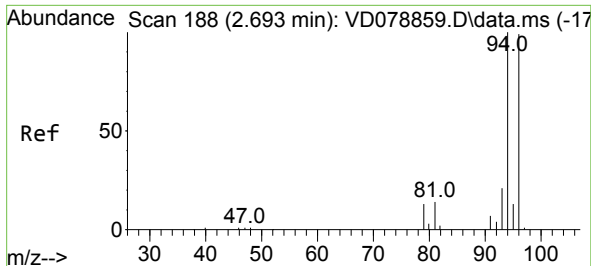
Tgt Ion: 50 Resp: 105310
Ion Ratio Lower Upper
50 100
52 32.4 25.6 38.4



#4
Vinyl Chloride
Concen: 51.074 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

Tgt Ion: 62 Resp: 151095
Ion Ratio Lower Upper
62 100
64 33.1 23.7 35.5

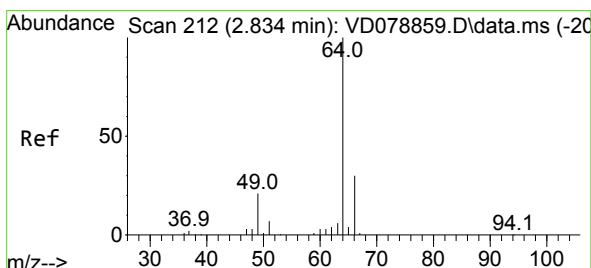
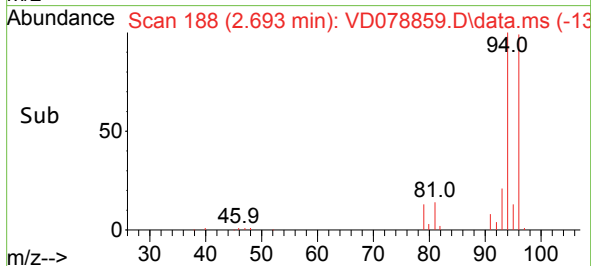
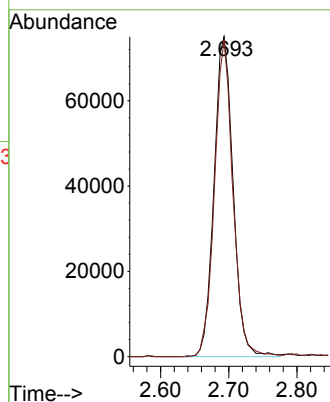
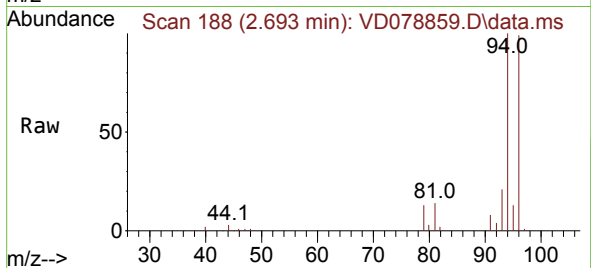




#5
Bromomethane
Concen: 49.513 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

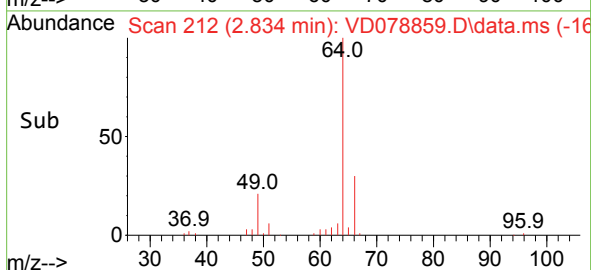
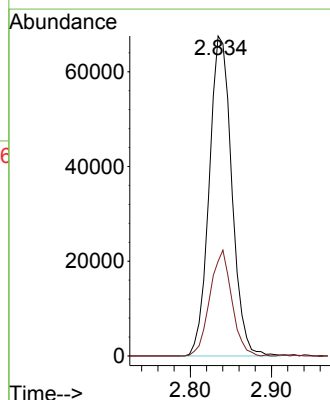
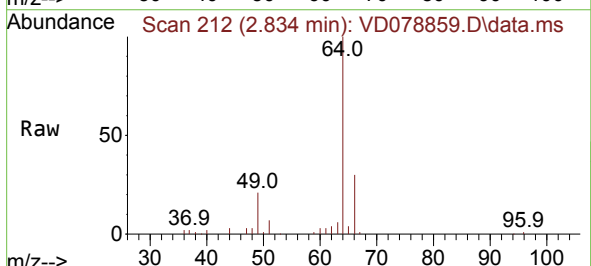
Instrument :
MSVOA_D
ClientSampleId :

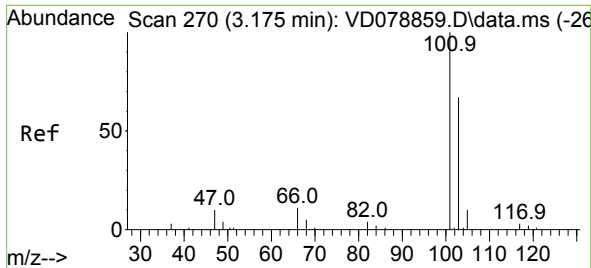
Tgt Ion: 94 Resp: 146159
Ion Ratio Lower Upper
94 100
96 95.9 73.5 110.3



#6
Chloroethane
Concen: 53.590 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

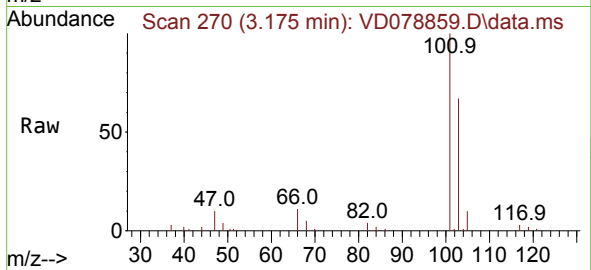
Tgt Ion: 64 Resp: 130603
Ion Ratio Lower Upper
64 100
66 29.6 26.8 40.2



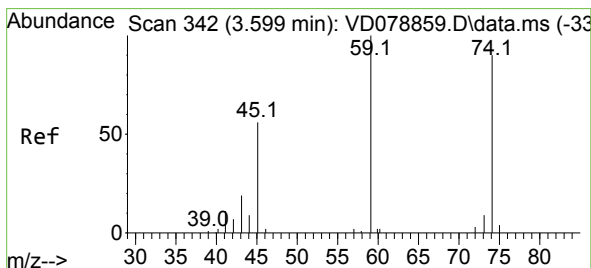
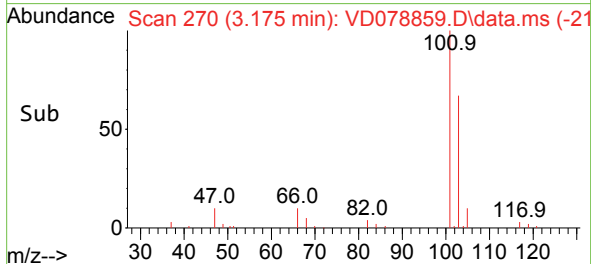
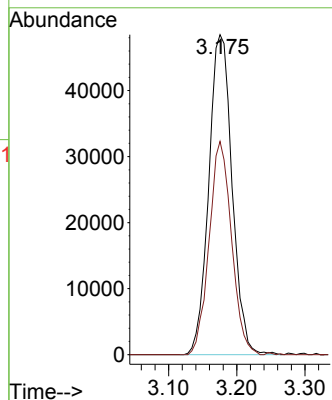


#7
Trichlorofluoromethane
Concen: 47.916 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078859.D
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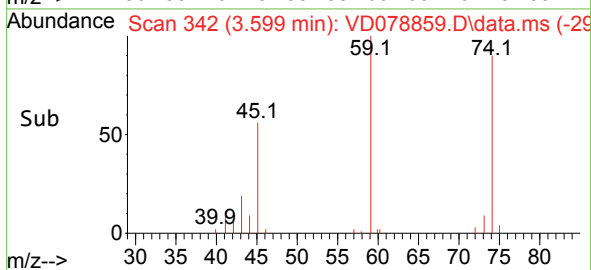
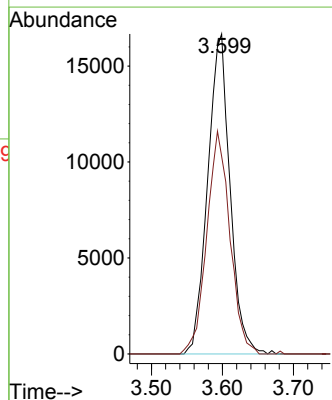
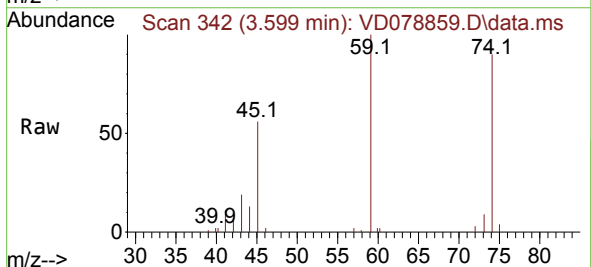


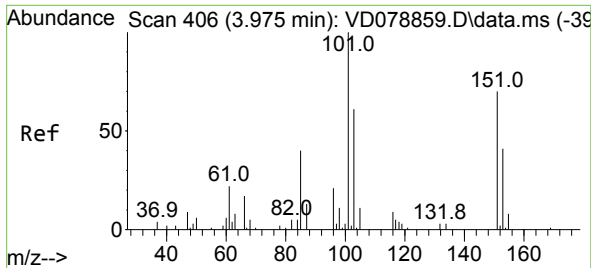
Tgt Ion:101 Resp: 115366
Ion Ratio Lower Upper
101 100
103 66.6 49.7 74.5



#8
Diethyl Ether
Concen: 55.511 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

Tgt Ion: 74 Resp: 36443
Ion Ratio Lower Upper
74 100
45 72.2 42.4 127.3

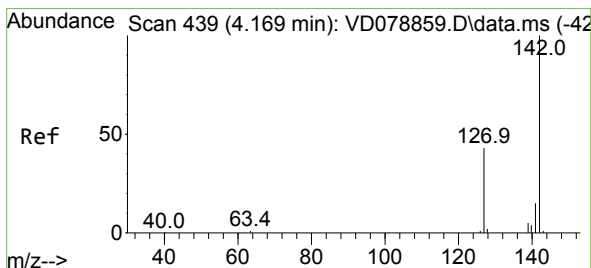
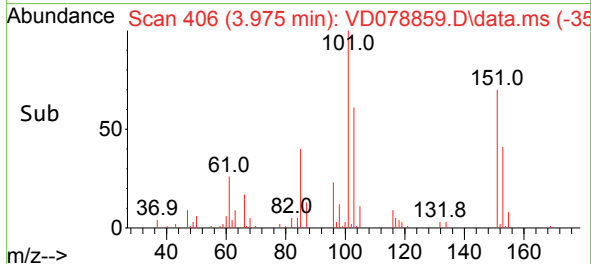
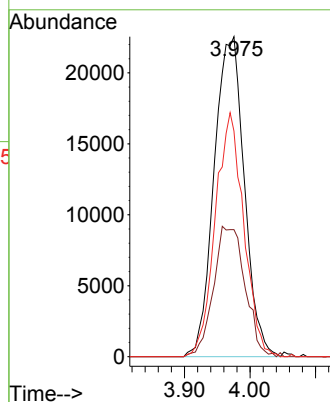
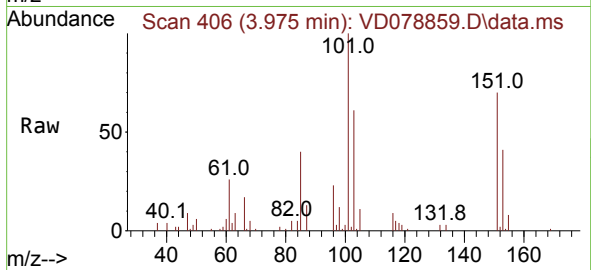




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.847 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD078859.D
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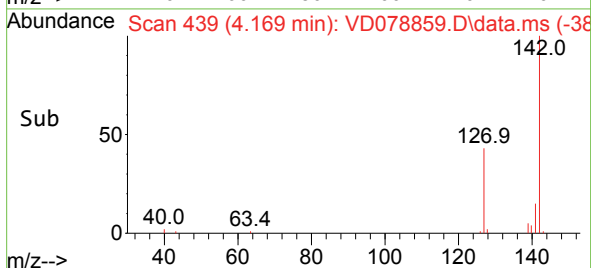
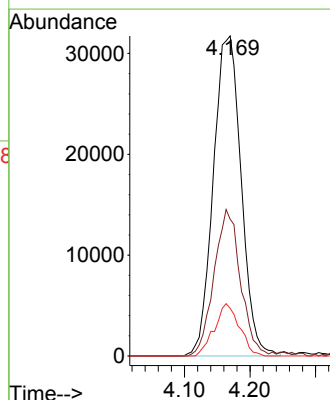
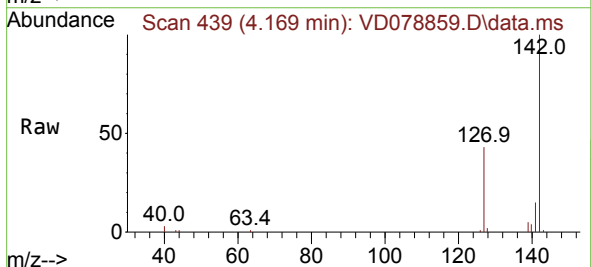
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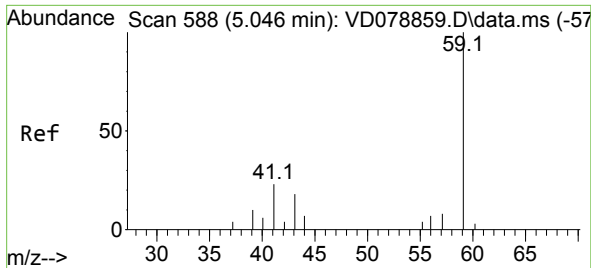
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Ion Ratio Lower Upper
101 100
85 42.4 35.8 53.6
151 71.9 59.4 89.2



#10
Methyl Iodide
Concen: 53.996 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

Tgt Ion:142 Resp: 93470
Ion Ratio Lower Upper
142 100
127 43.6 33.5 50.3
141 14.7 11.7 17.5





#11

Tert butyl alcohol

Concen: 283.934 ug/l

RT: 5.046 min Scan# 588

Delta R.T. 0.000 min

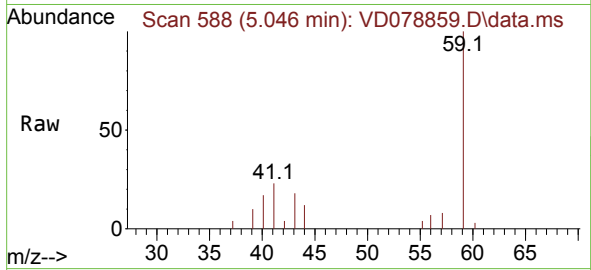
Lab File: VD078859.D

Acq: 01 May 2024 13:11

Instrument :

MSVOA_D

ClientSampleId :

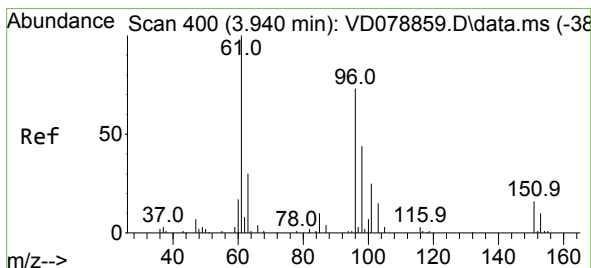
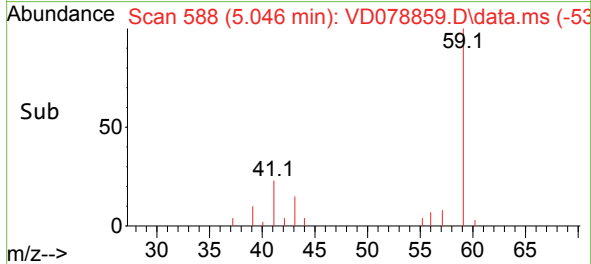
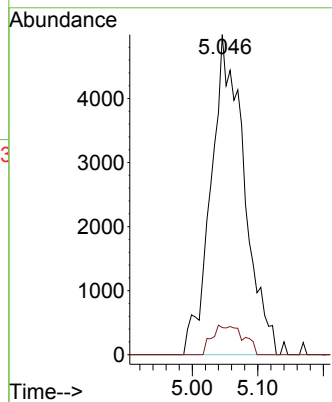


Tgt Ion: 59 Resp: 17511

Ion Ratio Lower Upper

59 100

57 4.2 7.4 11.0#



#12

1,1-Dichloroethene

Concen: 51.485 ug/l

RT: 3.940 min Scan# 400

Delta R.T. 0.000 min

Lab File: VD078859.D

Acq: 01 May 2024 13:11

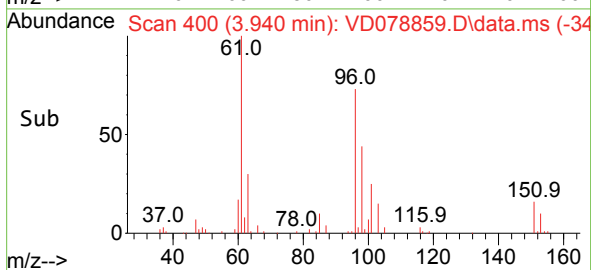
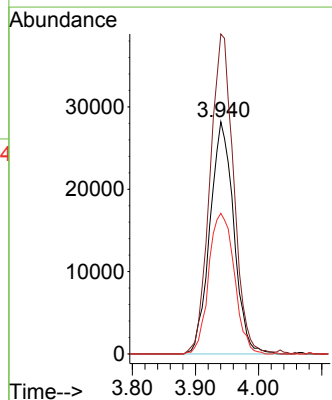
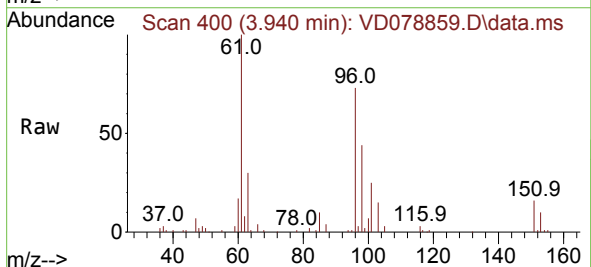
Tgt Ion: 96 Resp: 73840

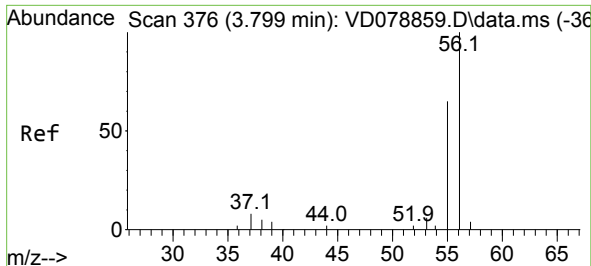
Ion Ratio Lower Upper

96 100

61 137.8 101.4 152.0

98 60.6 43.4 65.0





#13

Acrolein

Concen: 265.517 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078859.D

Acq: 01 May 2024 13:11

Instrument :

MSVOA_D

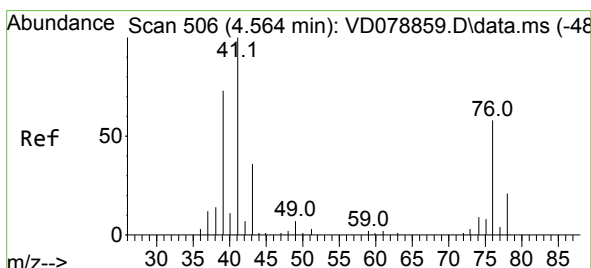
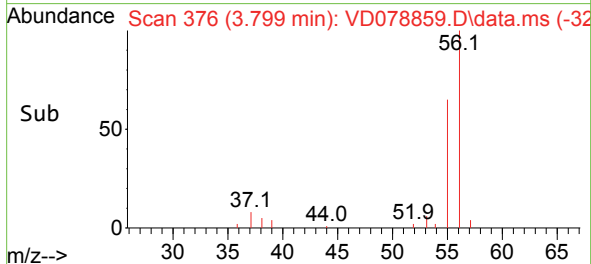
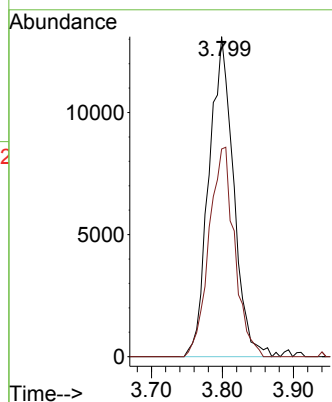
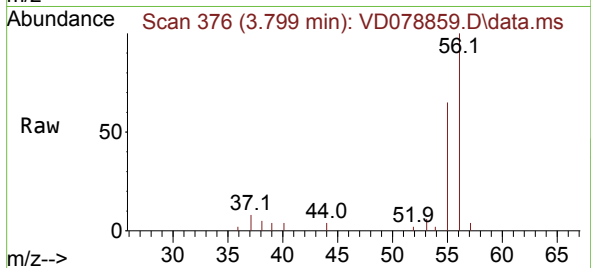
ClientSampleId :

Tgt Ion: 56 Resp: 31627

Ion Ratio Lower Upper

56 100

55 67.6 54.9 82.3



#14

Allyl chloride

Concen: 55.097 ug/l

RT: 4.564 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD078859.D

Acq: 01 May 2024 13:11

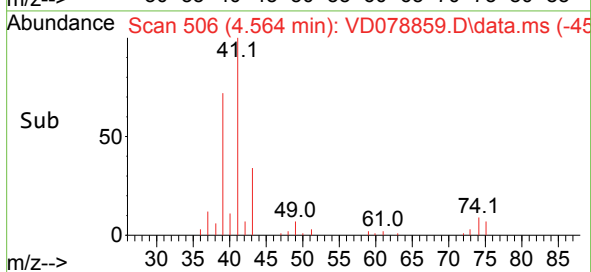
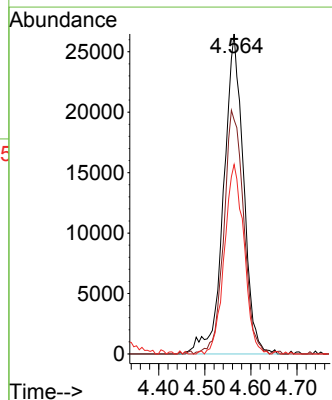
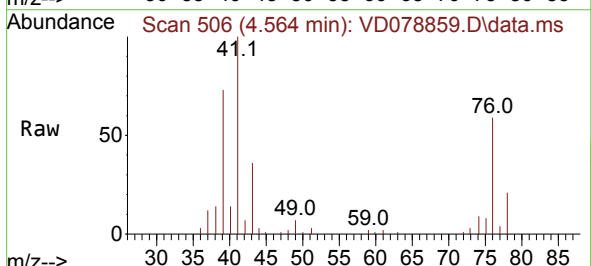
Tgt Ion: 41 Resp: 79322

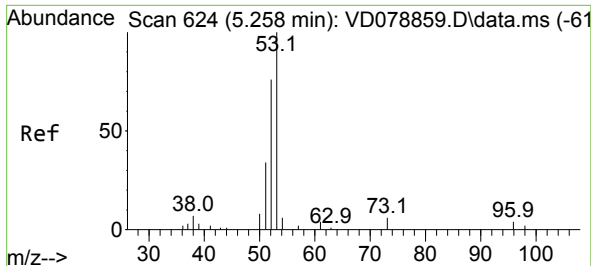
Ion Ratio Lower Upper

41 100

39 75.6 57.8 86.6

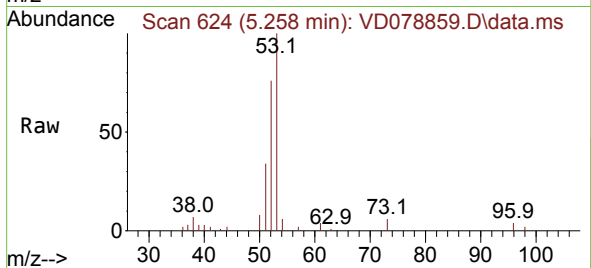
76 58.1 44.8 67.2



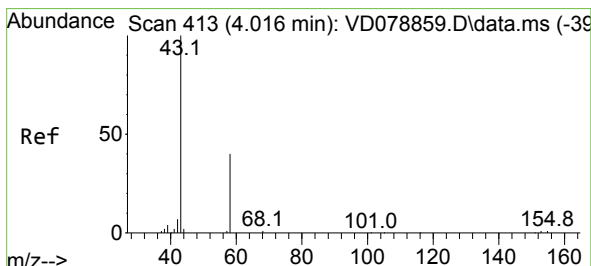
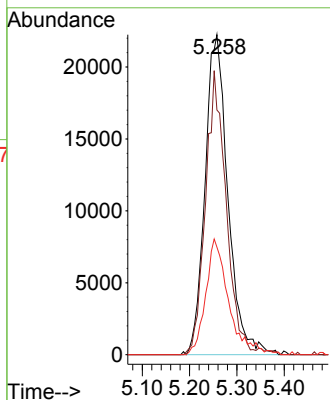
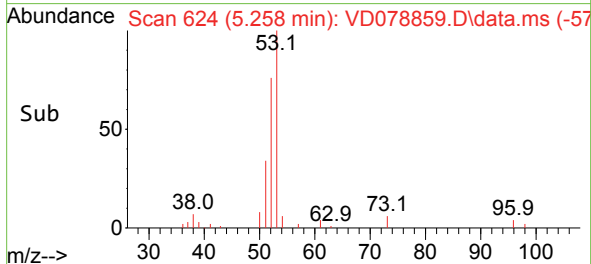


#15
Acrylonitrile
Concen: 285.712 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

Instrument :
MSVOA_D
ClientSampleId :

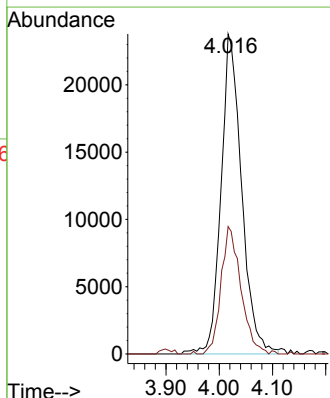
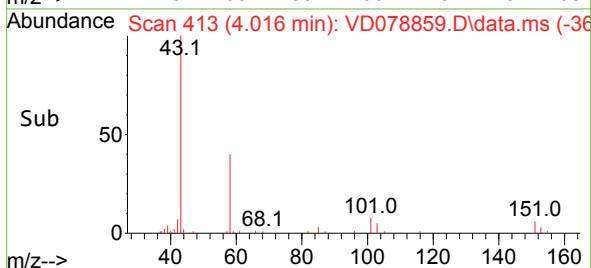
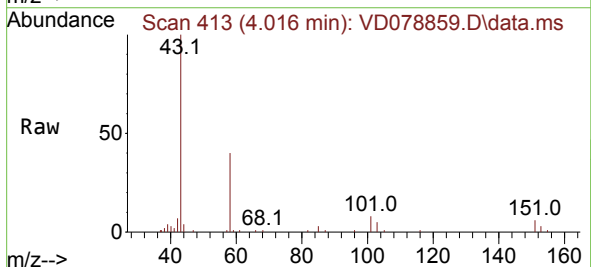


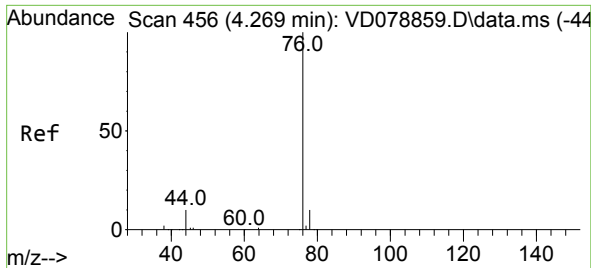
Tgt Ion	Ratio	Lower	Upper
53	100		
52	79.9	61.9	92.9
51	36.3	29.0	43.4



#16
Acetone
Concen: 318.498 ug/l
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.8	28.2	42.4

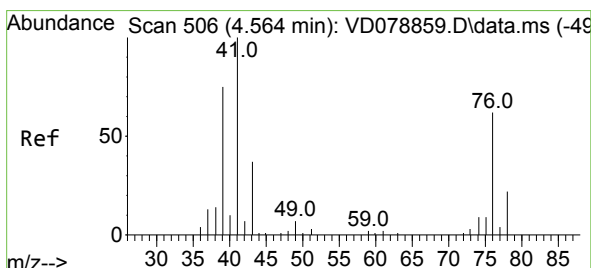
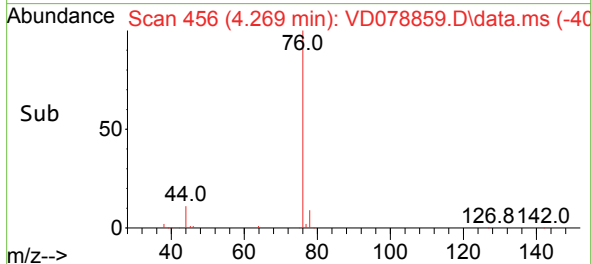
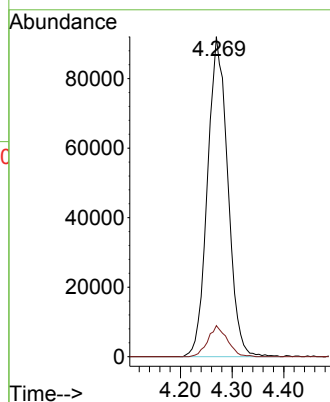
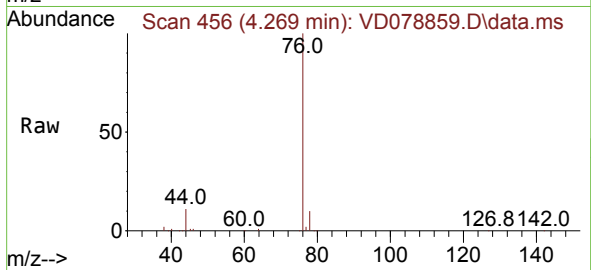




#17
Carbon Disulfide
Concen: 52.891 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

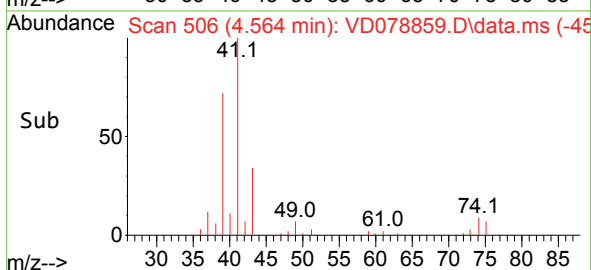
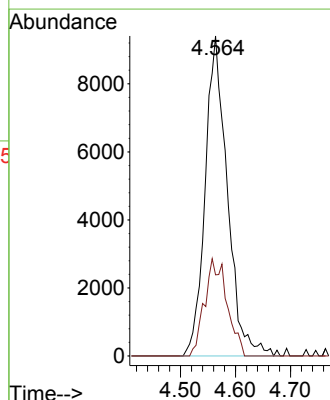
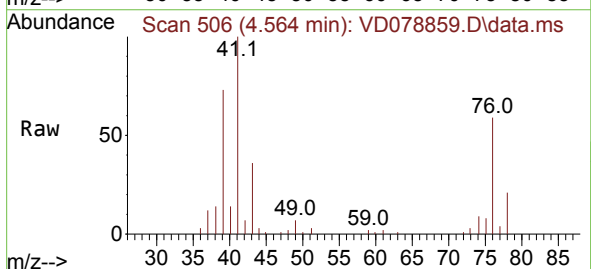
Instrument :
MSVOA_D
ClientSampleId :

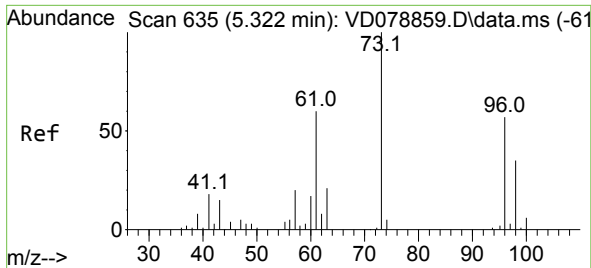
Tgt Ion: 76 Resp: 250853
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9



#18
Methyl Acetate
Concen: 53.087 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

Tgt Ion: 43 Resp: 26422
Ion Ratio Lower Upper
43 100
74 30.5 25.3 37.9





#19

Methyl tert-butyl Ether

Concen: 58.061 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD078859.D

Acq: 01 May 2024 13:11

Instrument :

MSVOA_D

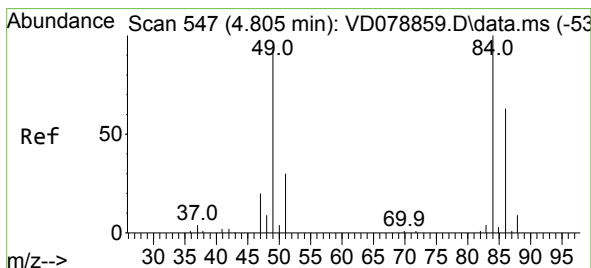
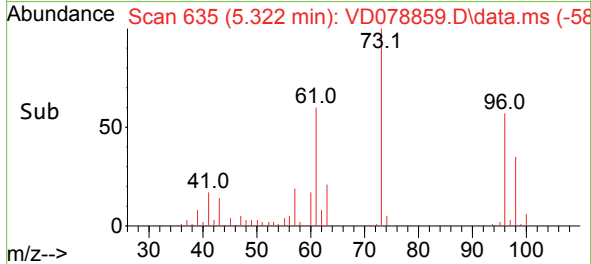
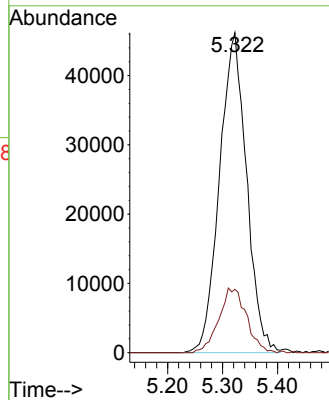
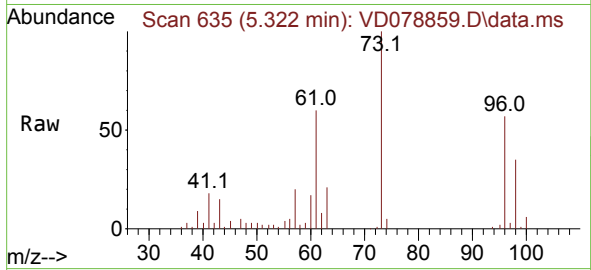
ClientSampleId :

Tgt Ion: 73 Resp: 157592

Ion Ratio Lower Upper

73 100

57 19.8 16.4 24.6



#20

Methylene Chloride

Concen: 51.044 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD078859.D

Acq: 01 May 2024 13:11

Tgt Ion: 84 Resp: 94804

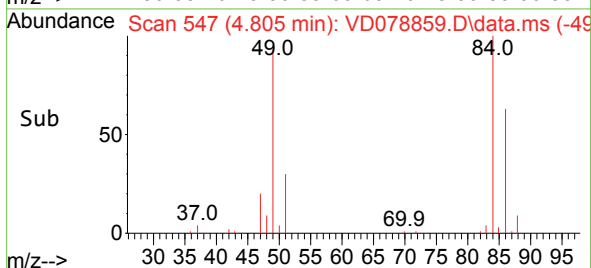
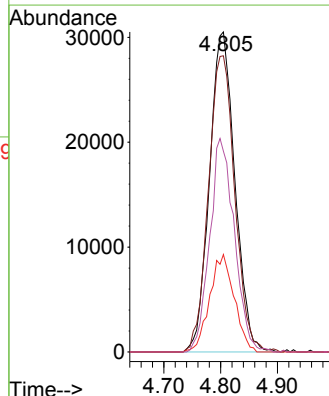
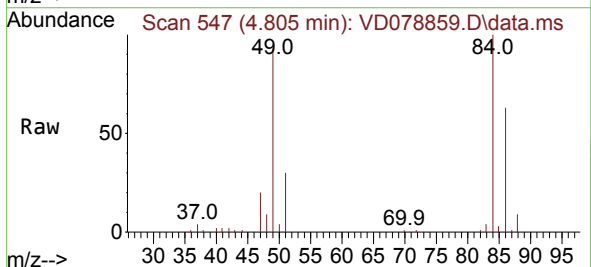
Ion Ratio Lower Upper

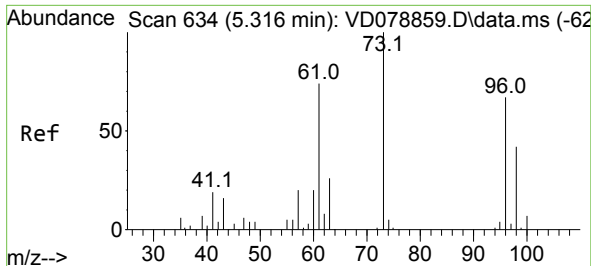
84 100

49 92.5 75.6 113.4

51 30.5 23.4 35.0

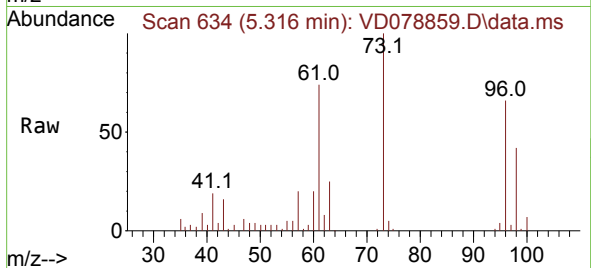
86 62.8 47.8 71.6



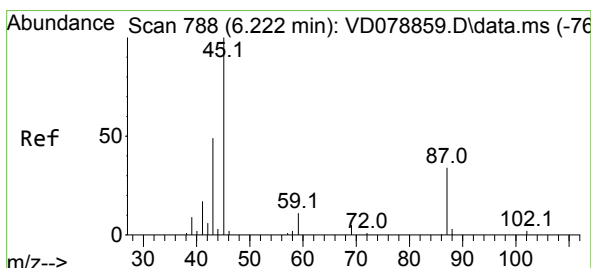
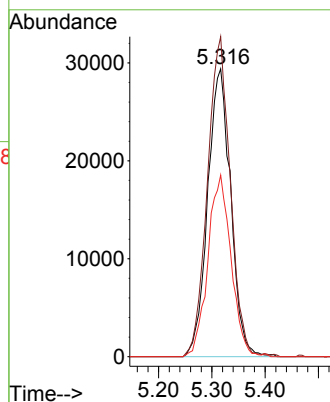
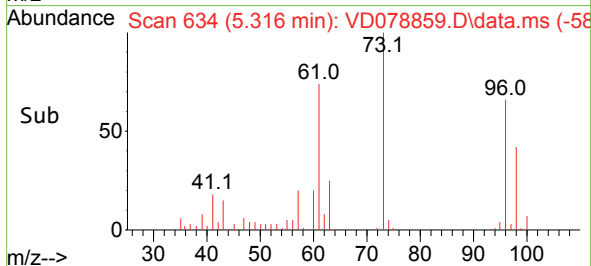


#21
trans-1,2-Dichloroethene
Concen: 54.842 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

Instrument :
MSVOA_D
ClientSampleId :

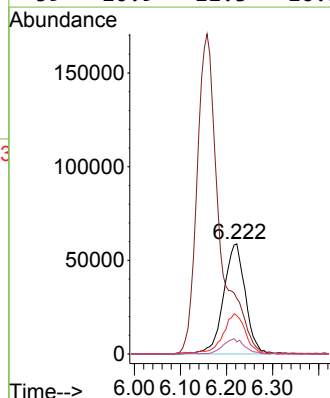
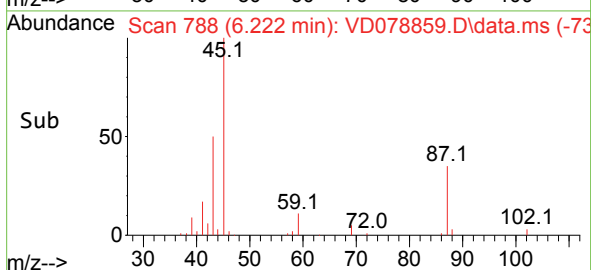
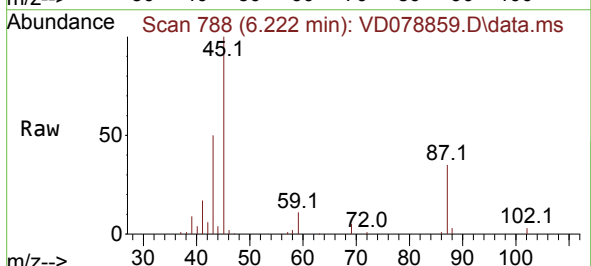


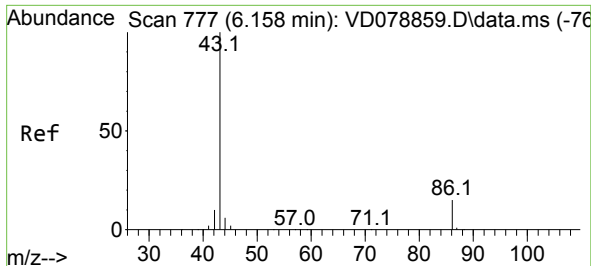
Tgt Ion: 96 Resp: 88197
Ion Ratio Lower Upper
96 100
61 111.2 96.1 144.1
98 63.1 48.9 73.3



#22
Diisopropyl ether
Concen: 60.247 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

Tgt Ion: 45 Resp: 191795
Ion Ratio Lower Upper
45 100
43 49.0 44.3 66.5
87 34.7 28.3 42.5
59 10.9 11.3 16.9

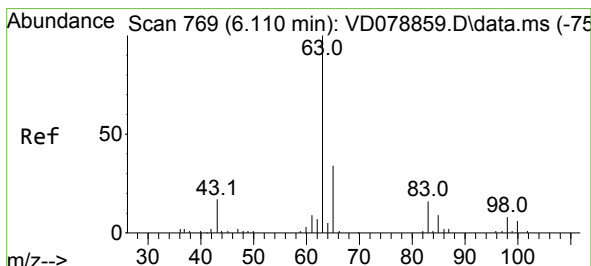
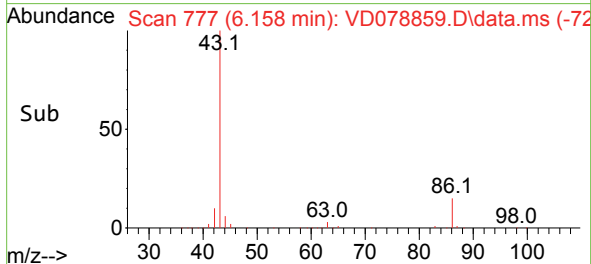
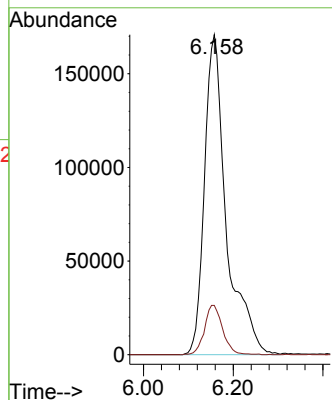
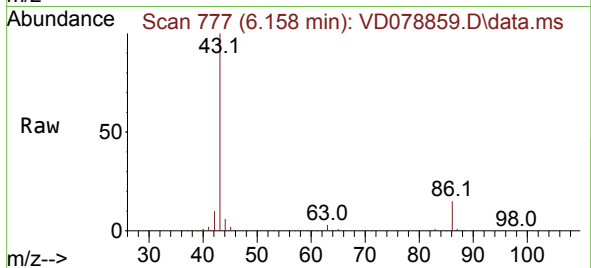




#23
 Vinyl Acetate
 Concen: 301.619 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD078859.D
 Acq: 01 May 2024 13:11

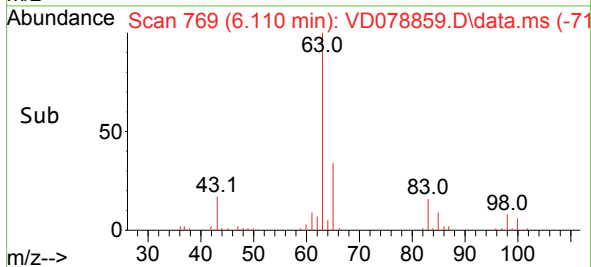
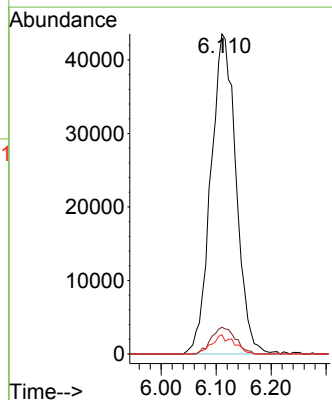
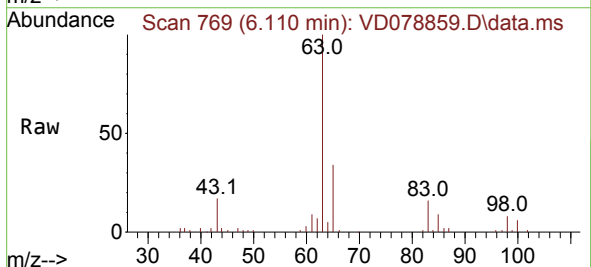
Instrument :
 MSVOA_D
 ClientSampleId :

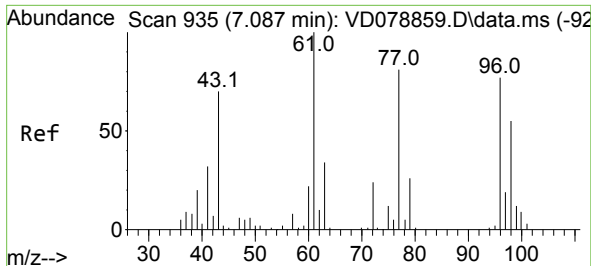
Tgt Ion: 43 Resp: 578876
 Ion Ratio Lower Upper
 43 100
 86 15.4 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 53.965 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD078859.D
 Acq: 01 May 2024 13:11

Tgt Ion: 63 Resp: 138310
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.0 11.9
 100 6.0 2.7 8.1

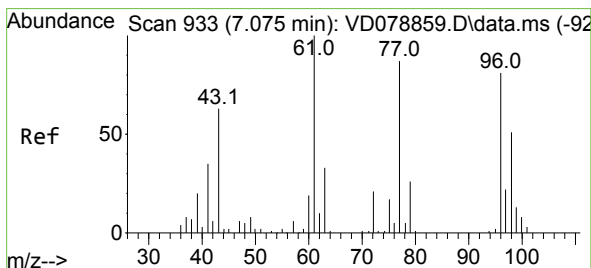
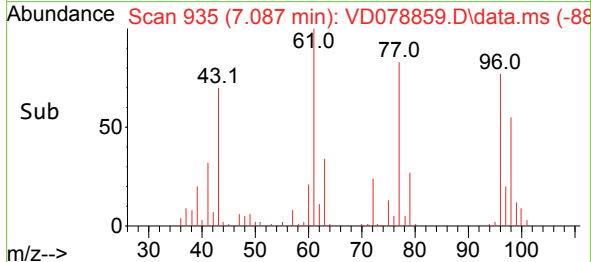
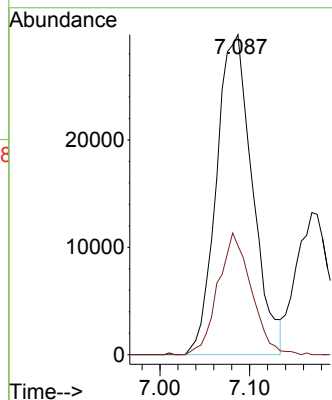
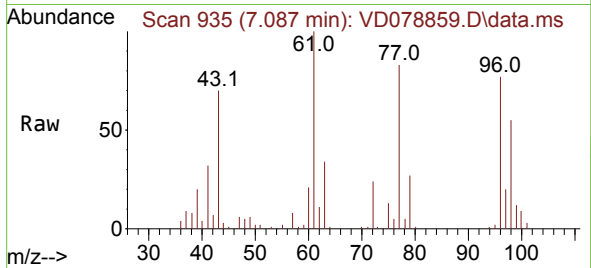




#25
2-Butanone
Concen: 295.062 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

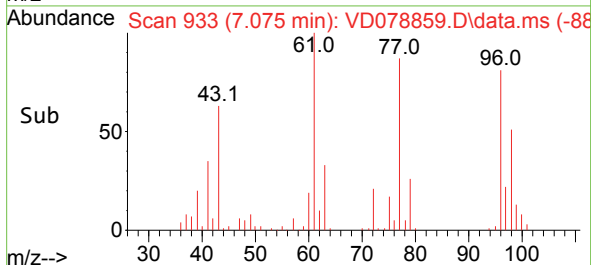
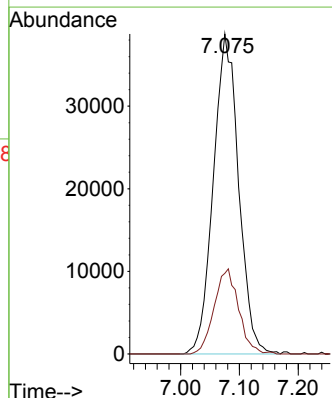
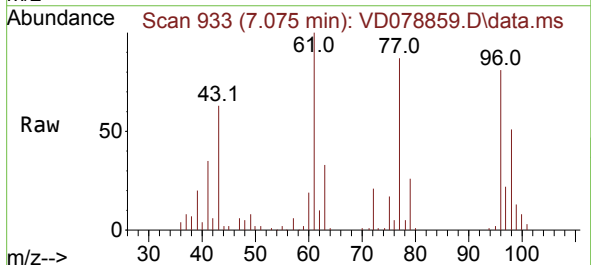
Instrument :
MSVOA_D
ClientSampleId :

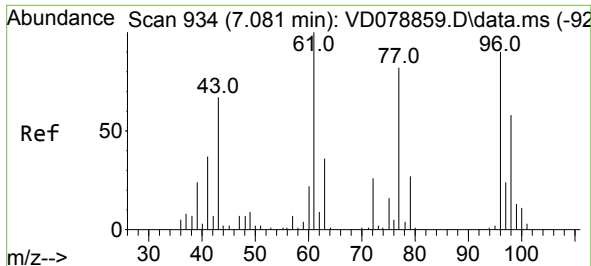
Tgt Ion: 43 Resp: 83080
Ion Ratio Lower Upper
43 100
72 34.1 25.0 37.6



#26
2,2-Dichloropropane
Concen: 53.479 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

Tgt Ion: 77 Resp: 115653
Ion Ratio Lower Upper
77 100
97 25.8 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 55.094 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078859.D

Acq: 01 May 2024 13:11

Instrument :

MSVOA_D

ClientSampleId :

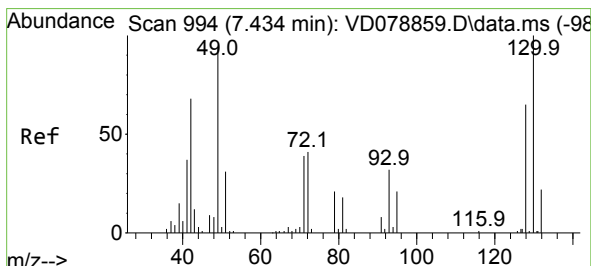
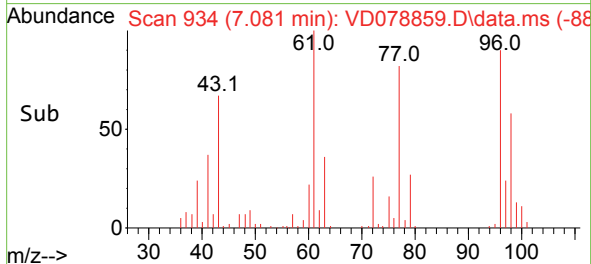
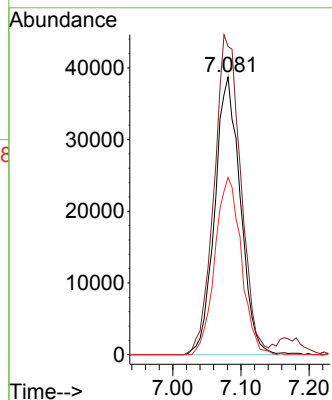
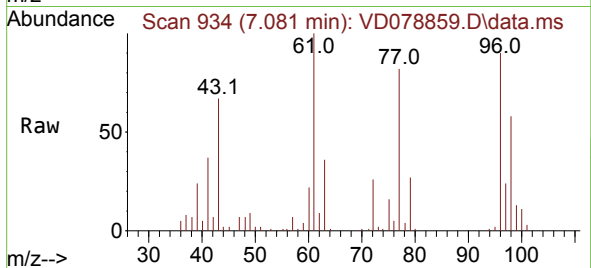
Tgt Ion: 96 Resp: 101204

Ion Ratio Lower Upper

96 100

61 120.1 0.0 245.0

98 65.5 0.0 126.6



#28

Bromochloromethane

Concen: 56.766 ug/l

RT: 7.434 min Scan# 994

Delta R.T. 0.000 min

Lab File: VD078859.D

Acq: 01 May 2024 13:11

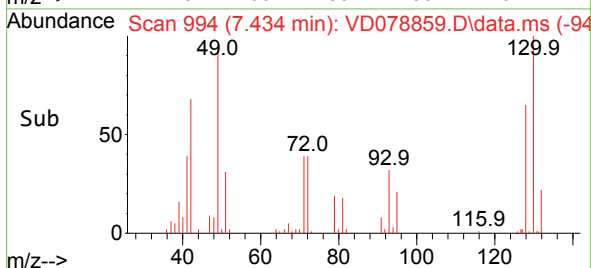
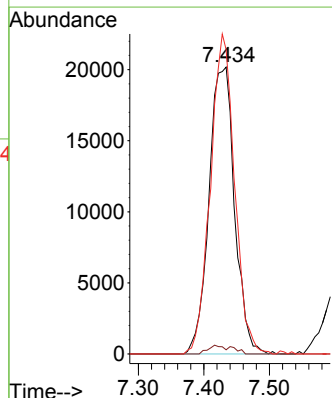
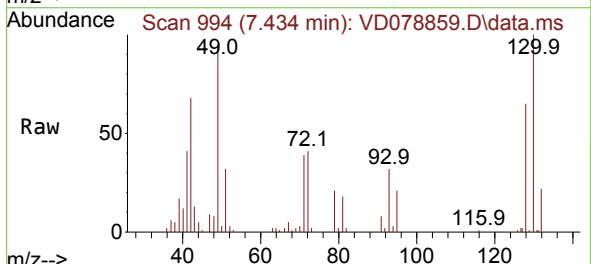
Tgt Ion: 49 Resp: 54738

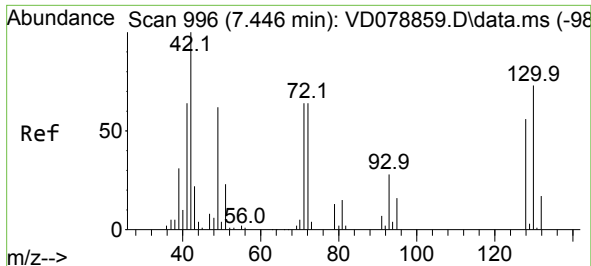
Ion Ratio Lower Upper

49 100

129 1.8 0.0 6.2

130 105.2 77.1 115.7





#29

Tetrahydrofuran

Concen: 296.175 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

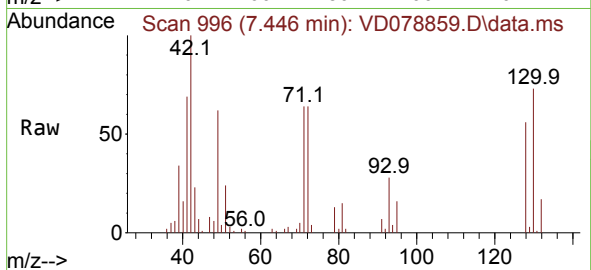
Lab File: VD078859.D

Acq: 01 May 2024 13:11

Instrument :

MSVOA_D

ClientSampleId :



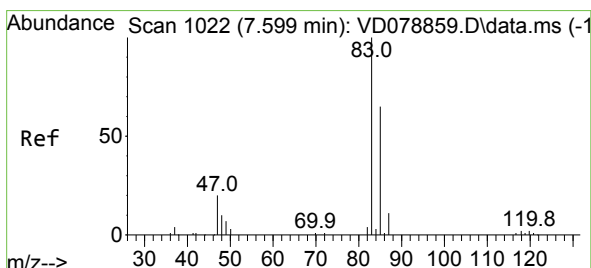
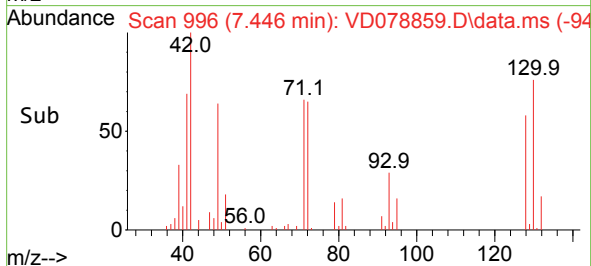
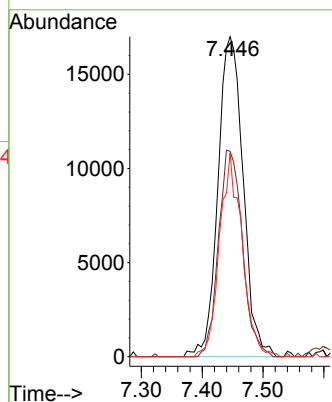
Tgt Ion: 42 Resp: 48797

Ion Ratio Lower Upper

42 100

72 61.4 43.8 65.6

71 56.7 42.0 63.0



#30

Chloroform

Concen: 54.230 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078859.D

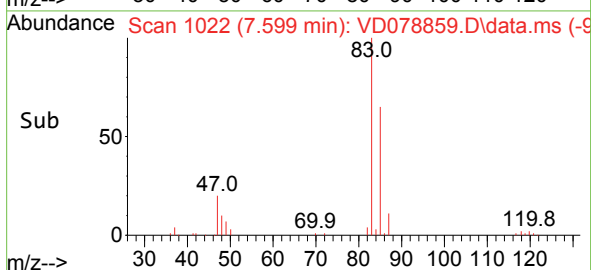
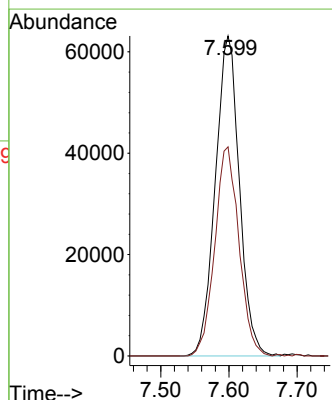
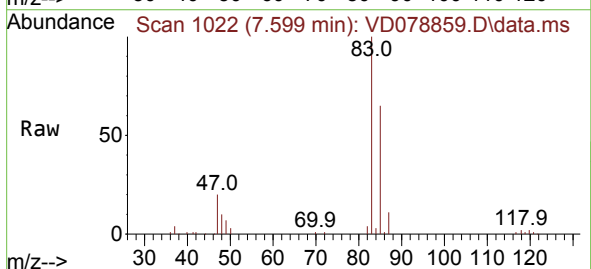
Acq: 01 May 2024 13:11

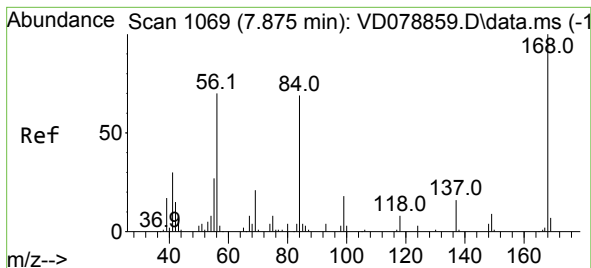
Tgt Ion: 83 Resp: 155100

Ion Ratio Lower Upper

83 100

85 65.3 51.2 76.8





#31

Cyclohexane

Concen: 47.410 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD078859.D

Acq: 01 May 2024 13:11

Instrument :

MSVOA_D

ClientSampleId :

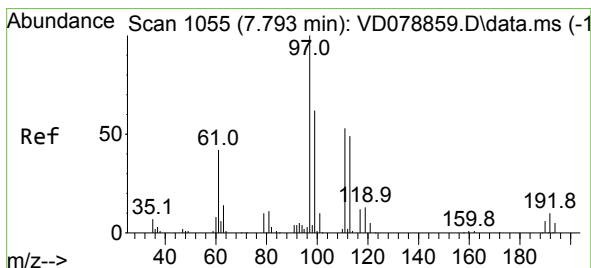
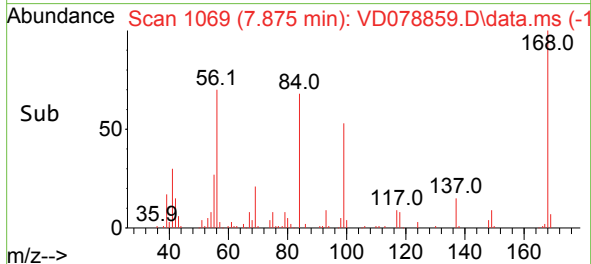
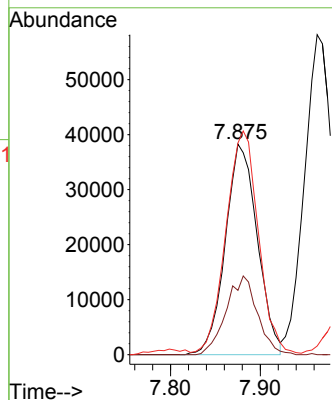
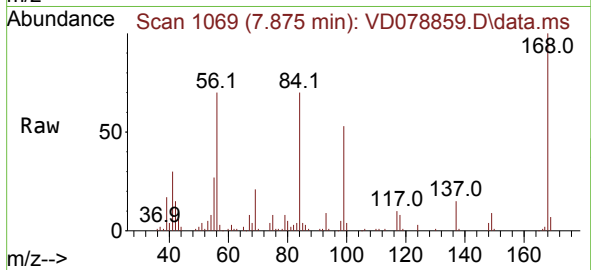
Tgt Ion: 56 Resp: 94768

Ion Ratio Lower Upper

56 100

69 30.5 26.6 40.0

84 99.0 79.4 119.2



#32

1,1,1-Trichloroethane

Concen: 52.370 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078859.D

Acq: 01 May 2024 13:11

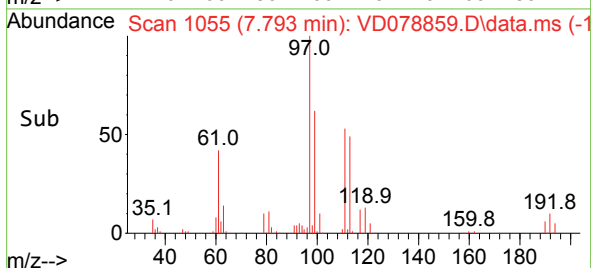
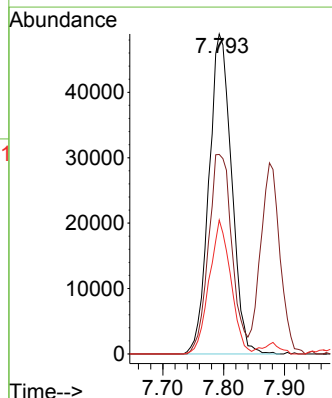
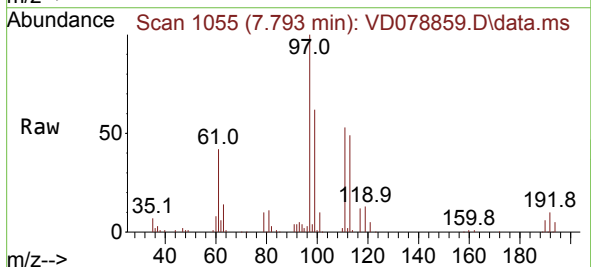
Tgt Ion: 97 Resp: 126329

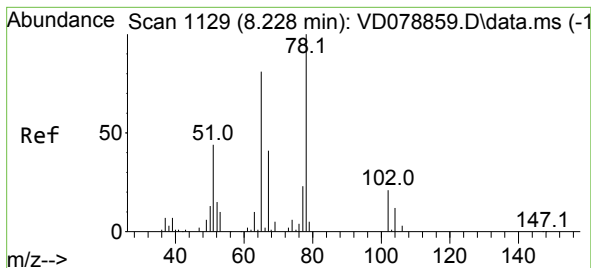
Ion Ratio Lower Upper

97 100

99 64.8 50.8 76.2

61 40.0 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 57.690 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD078859.D

Acq: 01 May 2024 13:11

Instrument :

MSVOA_D

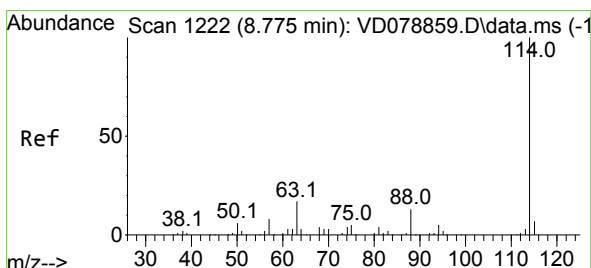
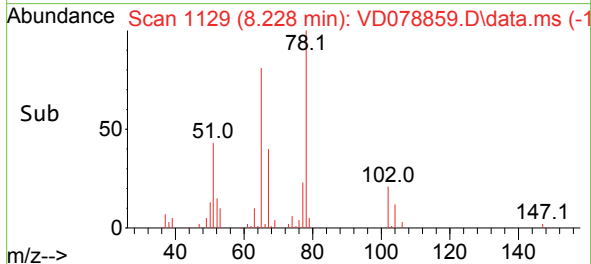
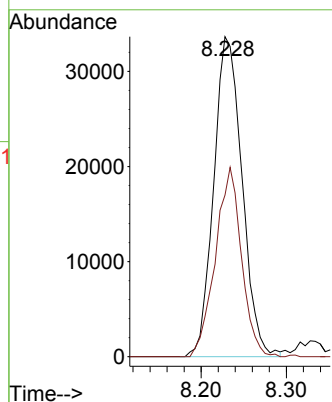
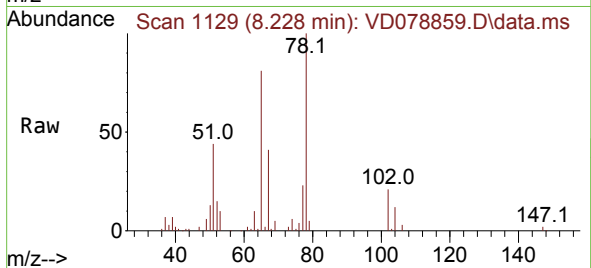
ClientSampleId :

Tgt Ion: 65 Resp: 77672

Ion Ratio Lower Upper

65 100

67 54.6 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078859.D

Acq: 01 May 2024 13:11

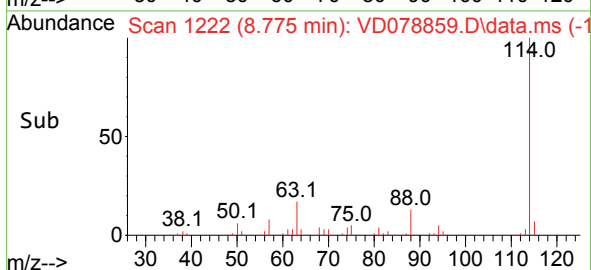
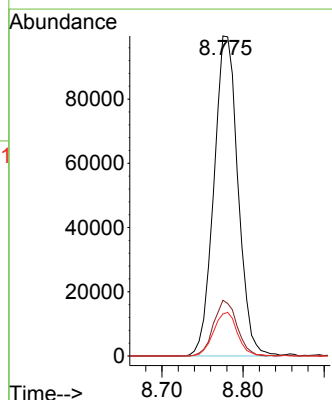
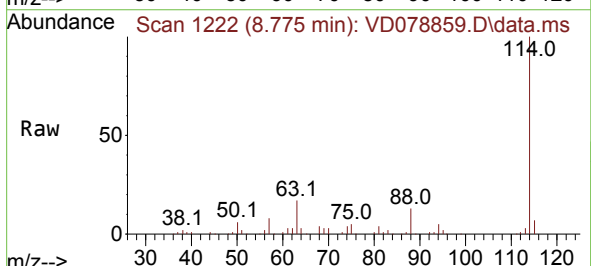
Tgt Ion: 114 Resp: 205981

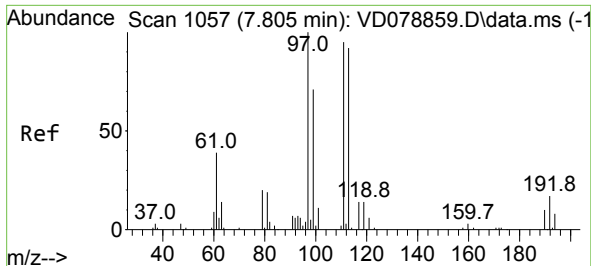
Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.4

88 13.2 0.0 24.6

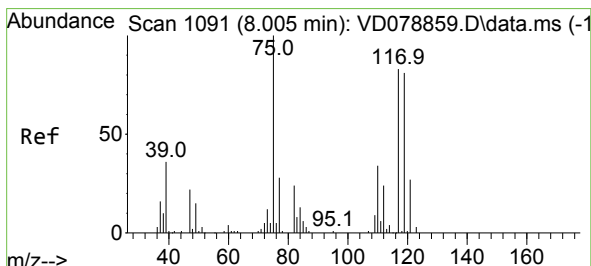
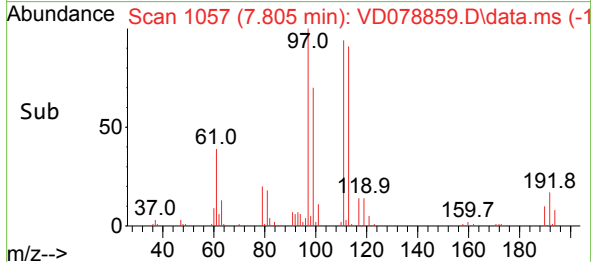
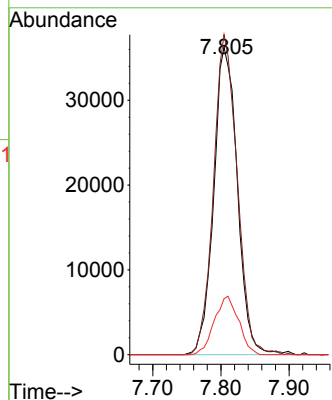
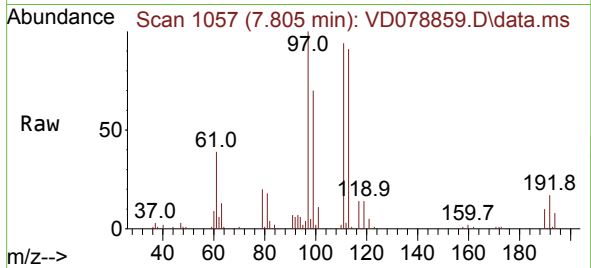




#35
Dibromofluoromethane
Concen: 57.799 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

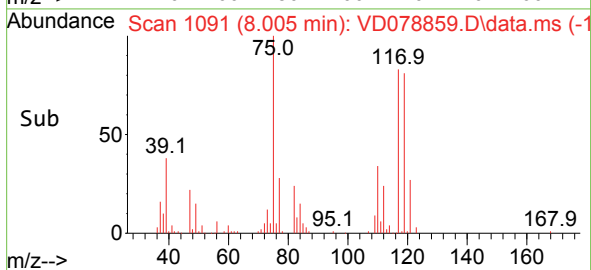
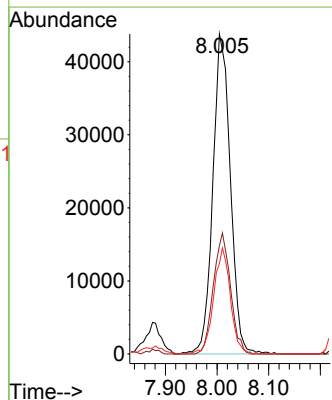
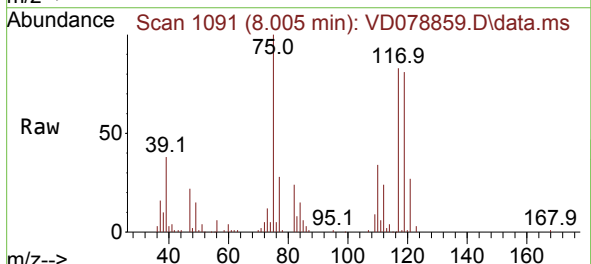
Instrument :
MSVOA_D
ClientSampleId :

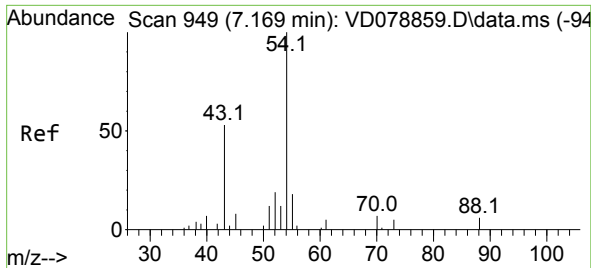
Tgt Ion:113 Resp: 87414
Ion Ratio Lower Upper
113 100
111 104.5 81.9 122.9
192 19.5 15.4 23.0



#36
1,1-Dichloropropene
Concen: 53.101 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

Tgt Ion: 75 Resp: 103298
Ion Ratio Lower Upper
75 100
110 37.0 19.1 57.1
77 31.5 25.4 38.2





#37

Ethyl Acetate

Concen: 53.283 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD078859.D

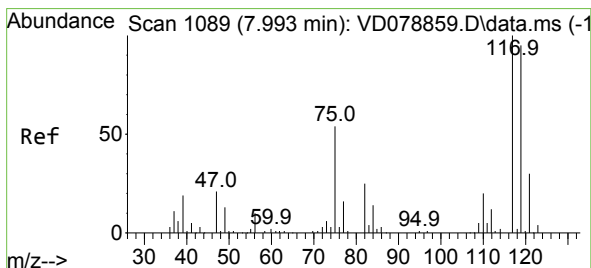
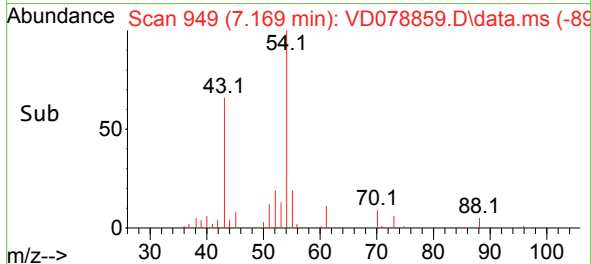
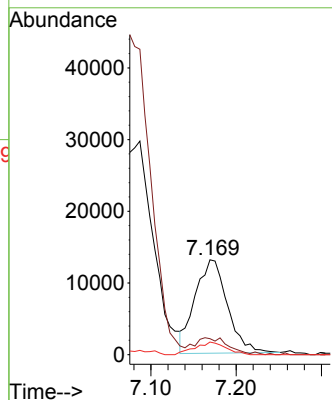
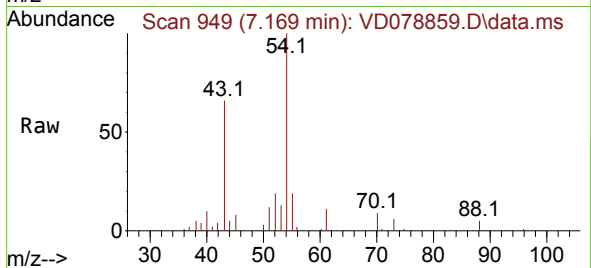
Acq: 01 May 2024 13:11

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	43	Resp:	34284
Ion	Ratio	Lower	Upper
43	100		
61	19.4	14.6	21.8
70	12.9	9.4	14.0



#38

Carbon Tetrachloride

Concen: 51.272 ug/l

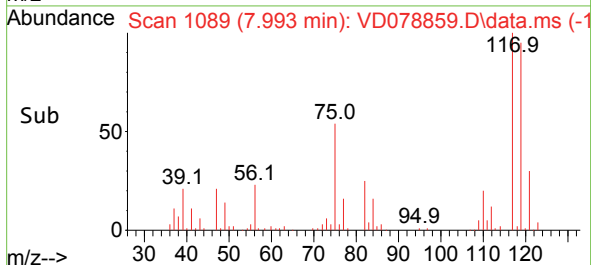
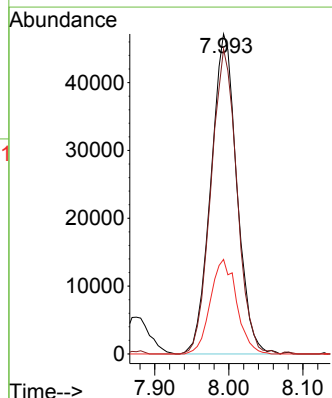
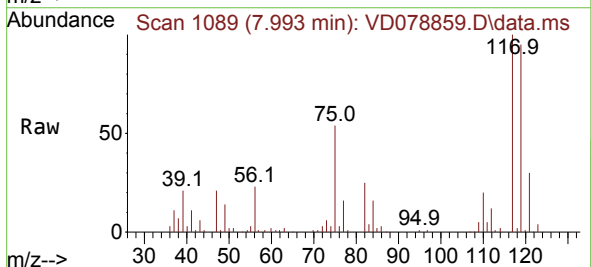
RT: 7.993 min Scan# 1089

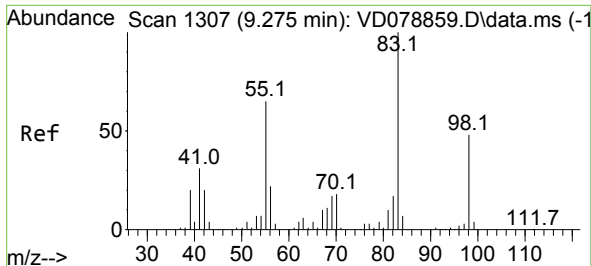
Delta R.T. 0.000 min

Lab File: VD078859.D

Acq: 01 May 2024 13:11

Tgt Ion:	117	Resp:	114809
Ion	Ratio	Lower	Upper
117	100		
119	95.3	79.2	118.8
121	29.6	26.8	40.2





#39

Methylcyclohexane

Concen: 50.046 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078859.D

Acq: 01 May 2024 13:11

Instrument :

MSVOA_D

ClientSampleId :

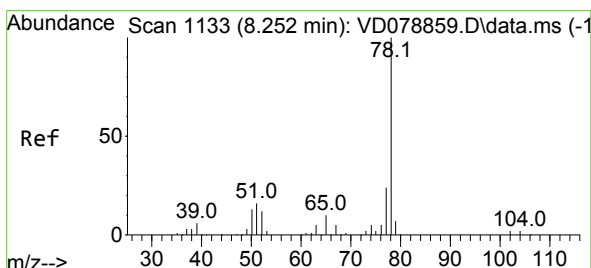
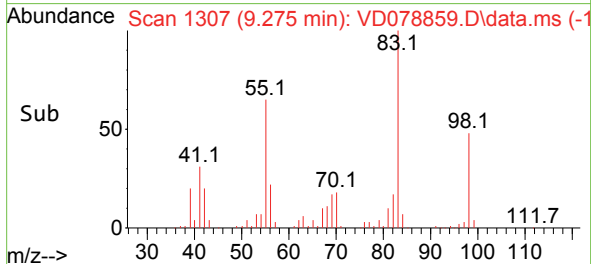
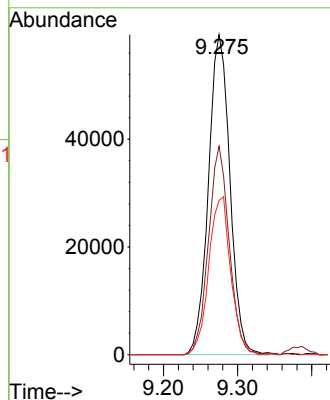
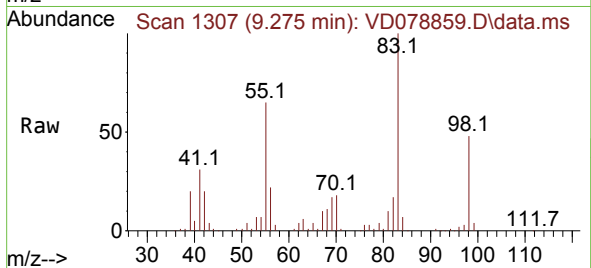
Tgt Ion: 83 Resp: 119959

Ion Ratio Lower Upper

83 100

55 65.1 51.7 77.5

98 48.2 41.4 62.0



#40

Benzene

Concen: 54.049 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078859.D

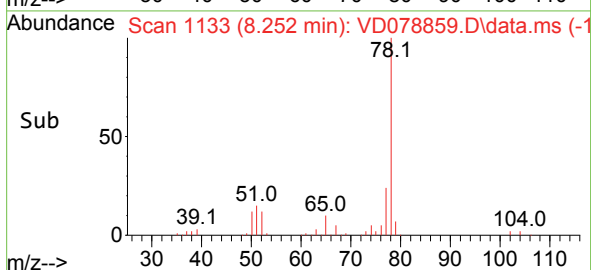
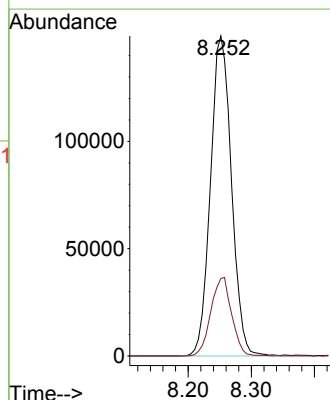
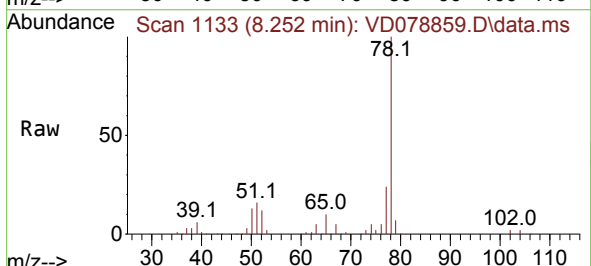
Acq: 01 May 2024 13:11

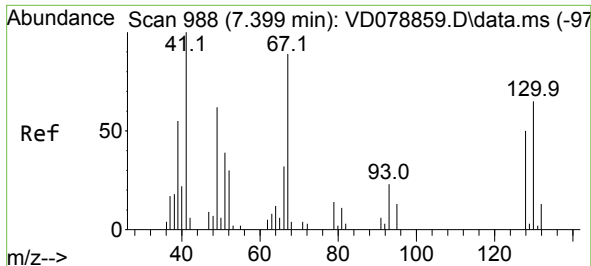
Tgt Ion: 78 Resp: 344323

Ion Ratio Lower Upper

78 100

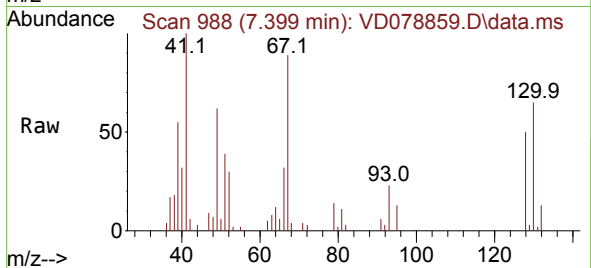
77 24.3 20.4 30.6



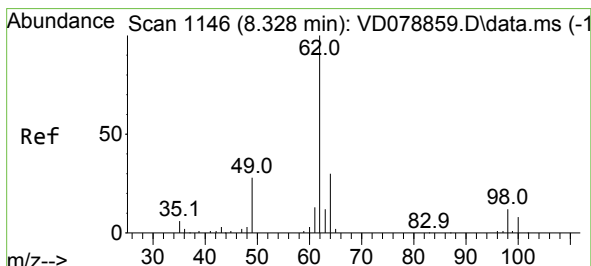
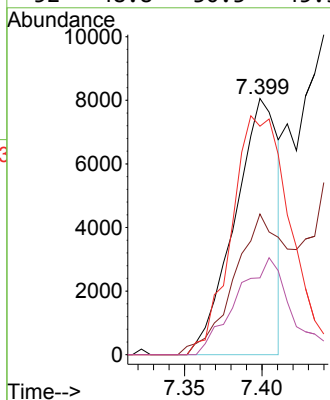
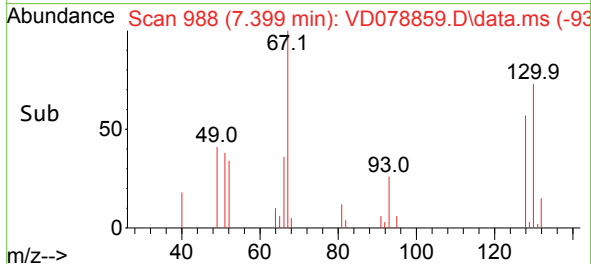


#41
Methacrylonitrile
Concen: 49.355 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

Instrument :
MSVOA_D
ClientSampleId :

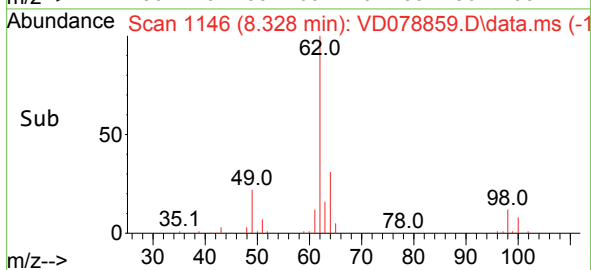
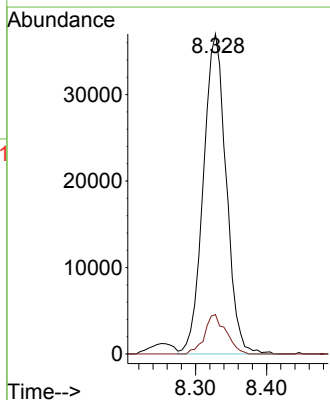
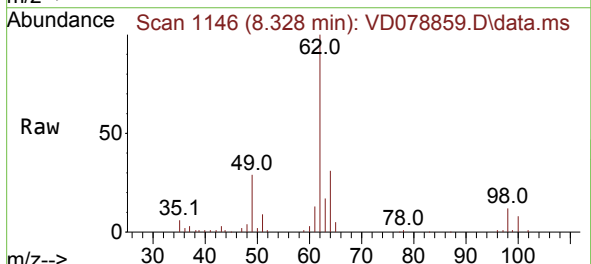


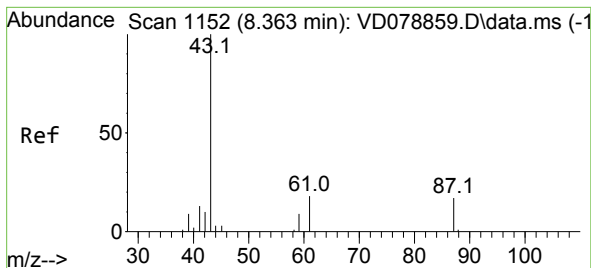
Tgt Ion: 41 Resp: 15682
Ion Ratio Lower Upper
41 100
39 70.0 39.8 59.6#
67 126.7 83.5 125.3#
52 48.8 30.3 45.5#



#42
1,2-Dichloroethane
Concen: 55.046 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

Tgt Ion: 62 Resp: 82788
Ion Ratio Lower Upper
62 100
98 11.6 0.0 23.8





#43

Isopropyl Acetate

Concen: 58.394 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD078859.D

Acq: 01 May 2024 13:11

Instrument :

MSVOA_D

ClientSampleId :

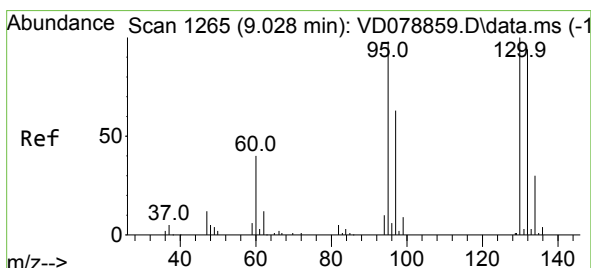
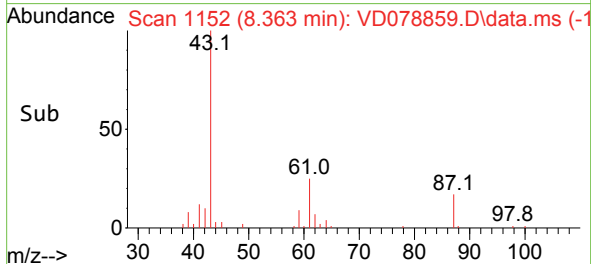
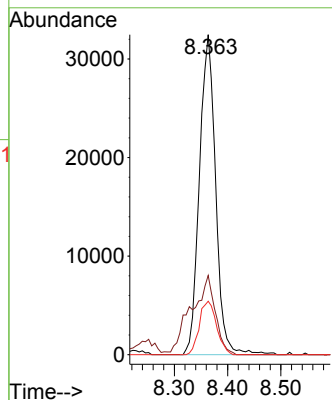
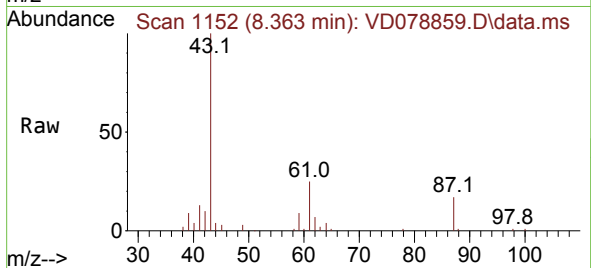
Tgt Ion: 43 Resp: 68726

Ion Ratio Lower Upper

43 100

61 36.6 30.1 45.1

87 17.7 14.4 21.6



#44

Trichloroethene

Concen: 53.196 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD078859.D

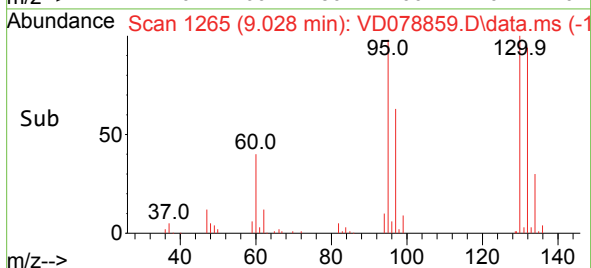
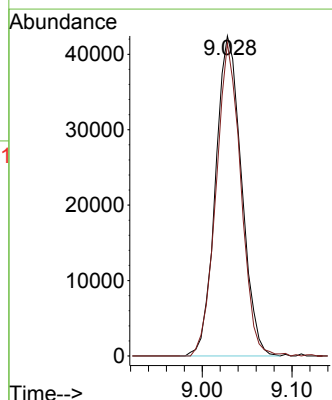
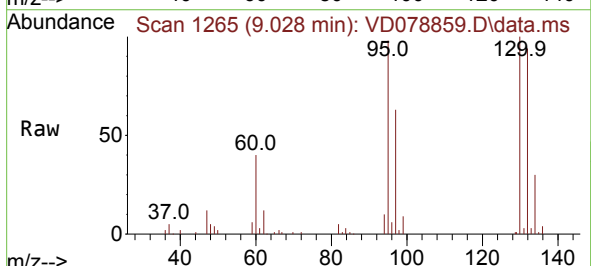
Acq: 01 May 2024 13:11

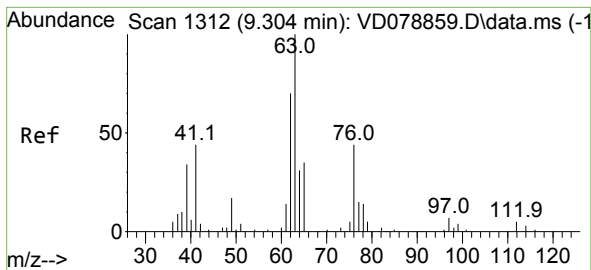
Tgt Ion:130 Resp: 85366

Ion Ratio Lower Upper

130 100

95 97.8 0.0 197.8





#45

1,2-Dichloropropane

Concen: 54.400 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078859.D

Acq: 01 May 2024 13:11

Instrument :

MSVOA_D

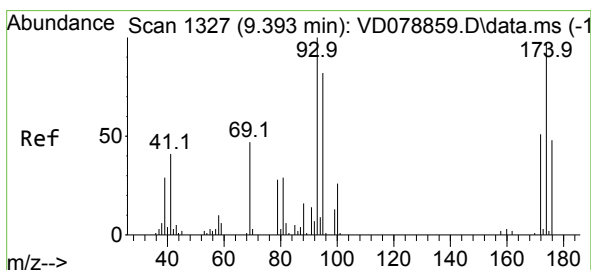
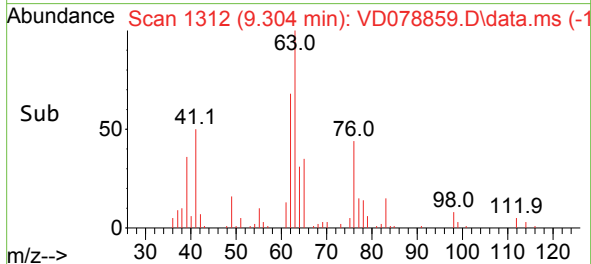
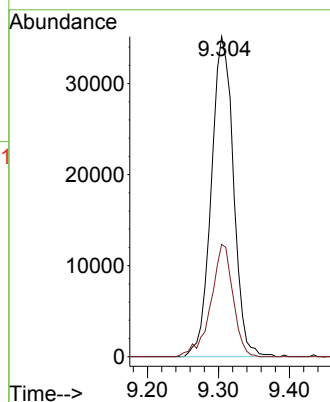
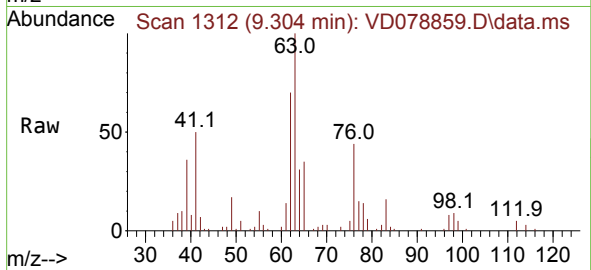
ClientSampleId :

Tgt Ion: 63 Resp: 76002

Ion Ratio Lower Upper

63 100

65 35.1 24.8 37.2



#46

Dibromomethane

Concen: 54.924 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078859.D

Acq: 01 May 2024 13:11

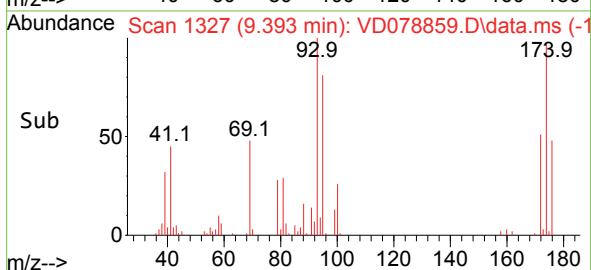
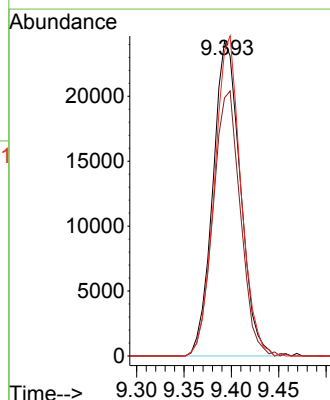
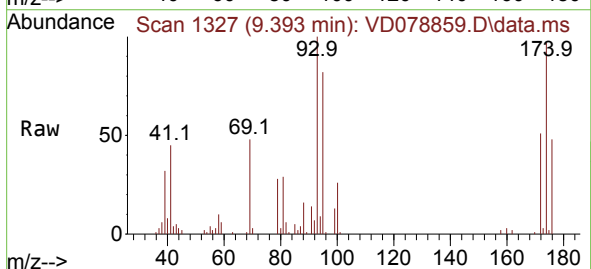
Tgt Ion: 93 Resp: 48852

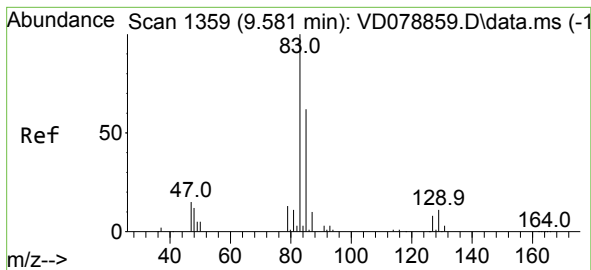
Ion Ratio Lower Upper

93 100

95 83.8 67.3 100.9

174 97.8 80.9 121.3





#47

Bromodichloromethane

Concen: 54.777 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. 0.000 min

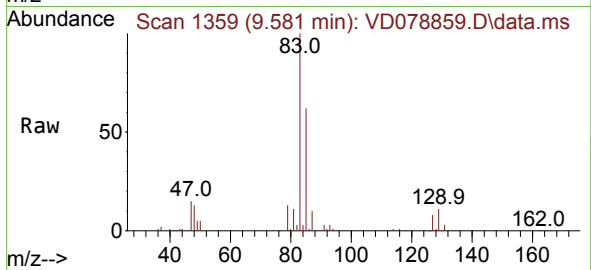
Lab File: VD078859.D

Acq: 01 May 2024 13:11

Instrument :

MSVOA_D

ClientSampleId :



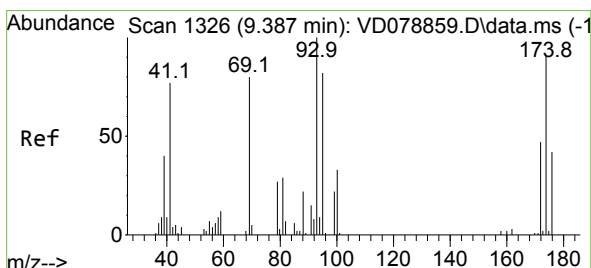
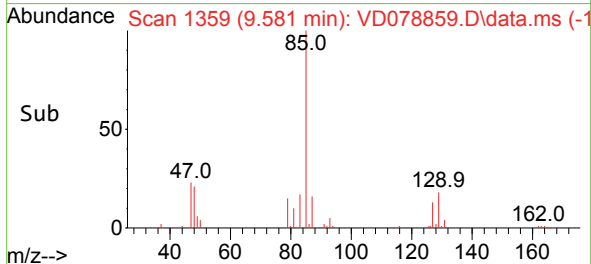
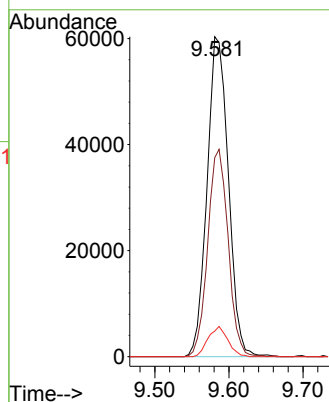
Tgt Ion: 83 Resp: 120641

Ion Ratio Lower Upper

83 100

85 62.2 54.0 81.0

127 8.0 7.1 10.7



#48

Methyl methacrylate

Concen: 58.463 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. 0.000 min

Lab File: VD078859.D

Acq: 01 May 2024 13:11

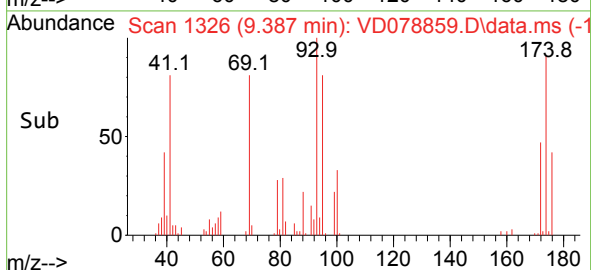
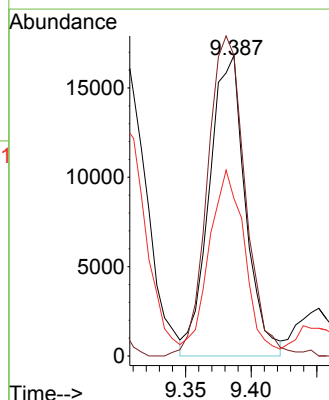
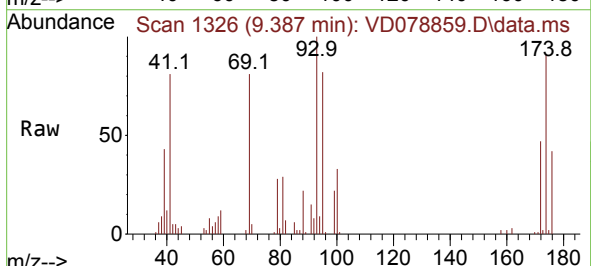
Tgt Ion: 41 Resp: 32252

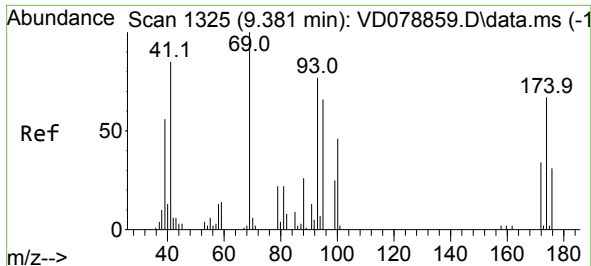
Ion Ratio Lower Upper

41 100

69 111.6 88.3 132.5

39 61.3 46.6 69.8





#49

1,4-Dioxane

Concen: 1257.280 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

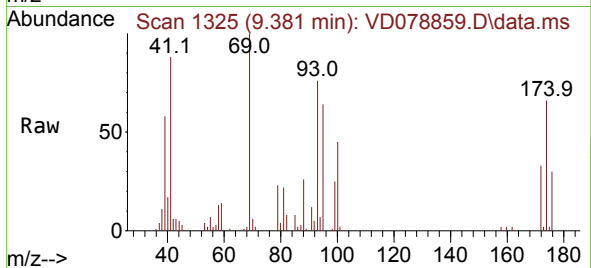
Lab File: VD078859.D

Acq: 01 May 2024 13:11

Instrument :

MSVOA_D

ClientSampleId :



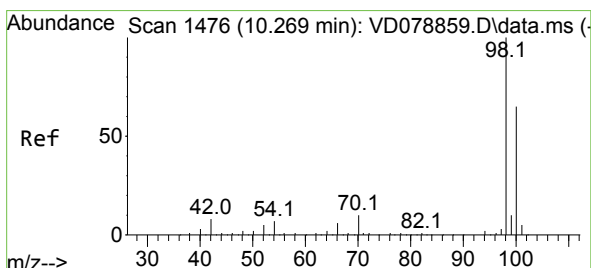
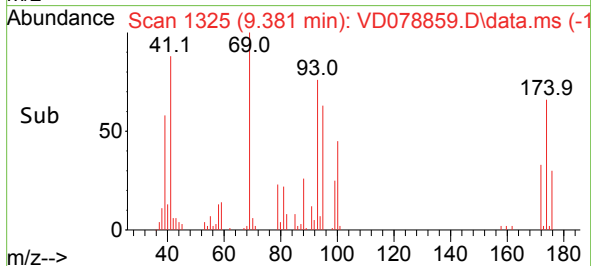
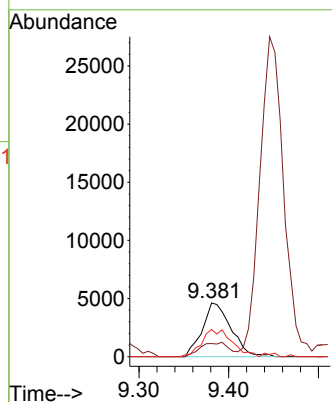
Tgt Ion: 88 Resp: 10205

Ion Ratio Lower Upper

88 100

43 27.0 23.2 34.8

58 53.3 51.0 76.6



#50

Toluene-d8

Concen: 58.378 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078859.D

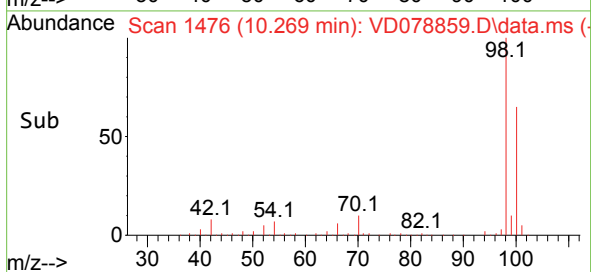
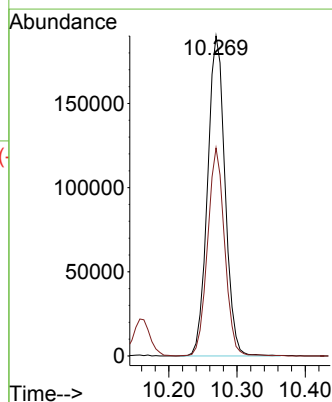
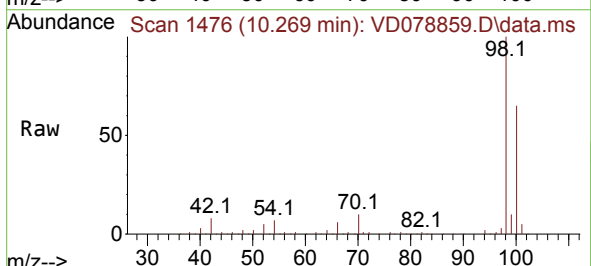
Acq: 01 May 2024 13:11

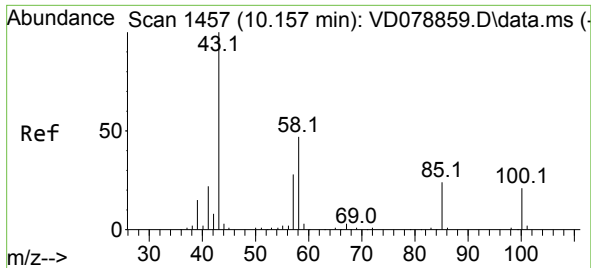
Tgt Ion: 98 Resp: 338827

Ion Ratio Lower Upper

98 100

100 63.5 50.5 75.7

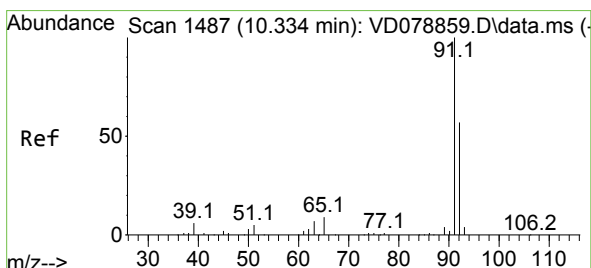
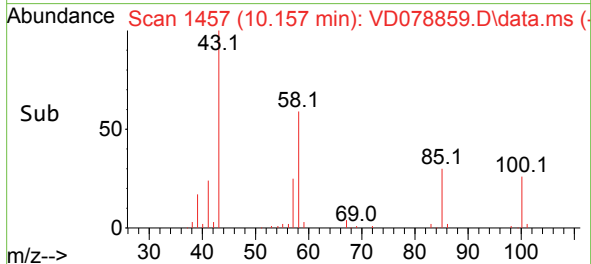
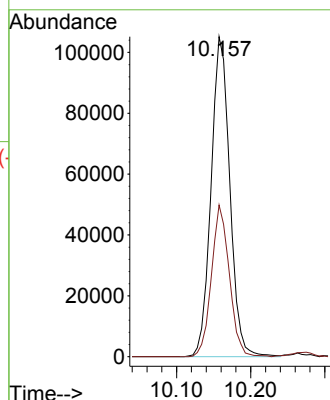
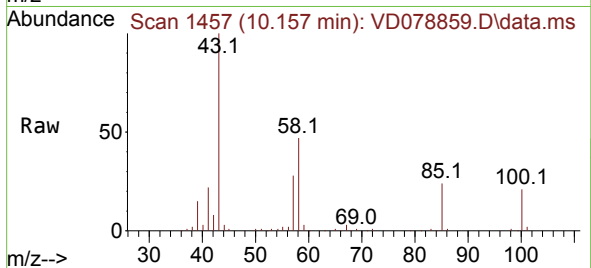




#51
4-Methyl-2-Pentanone
Concen: 293.123 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

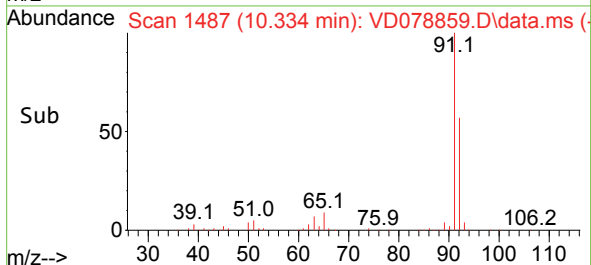
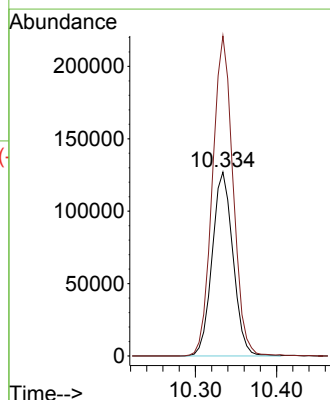
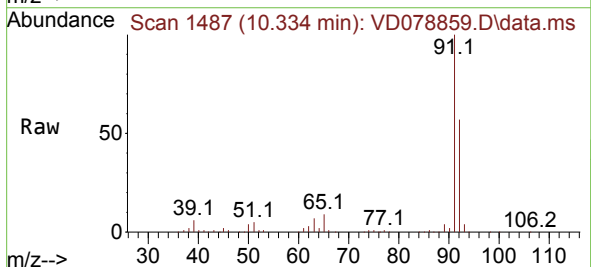
Instrument :
MSVOA_D
ClientSampleId :

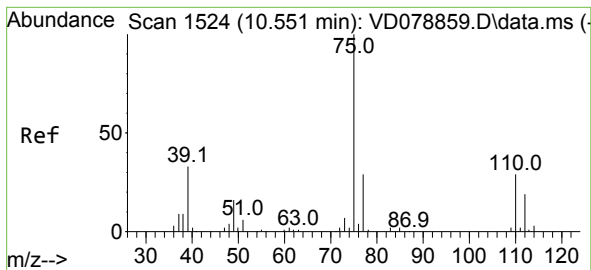
Tgt Ion: 43 Resp: 184738
Ion Ratio Lower Upper
43 100
58 45.2 36.4 54.6



#52
Toluene
Concen: 56.427 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

Tgt Ion: 92 Resp: 225792
Ion Ratio Lower Upper
92 100
91 173.1 136.6 205.0

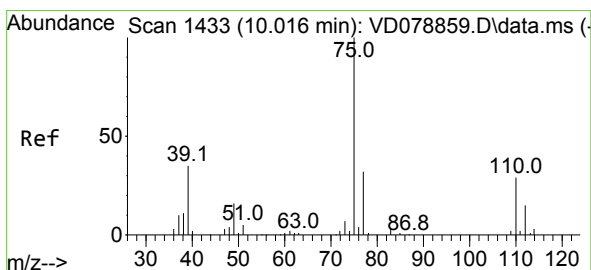
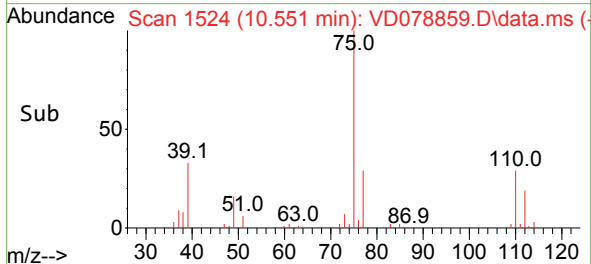
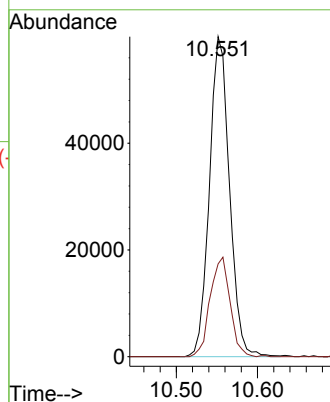
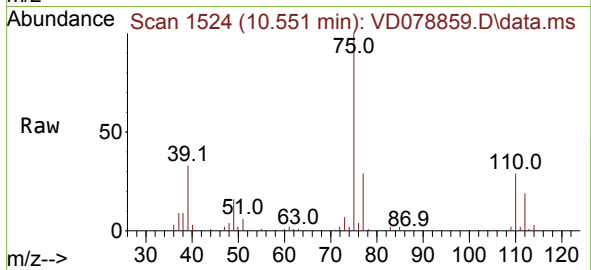




#53
 t-1,3-Dichloropropene
 Concen: 55.677 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD078859.D
 Acq: 01 May 2024 13:11

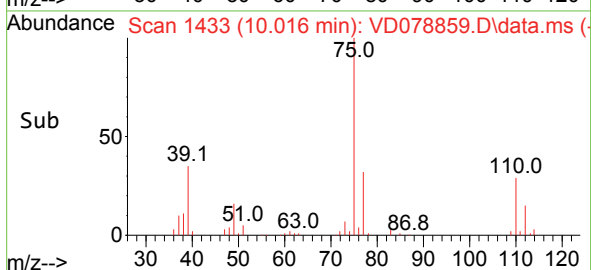
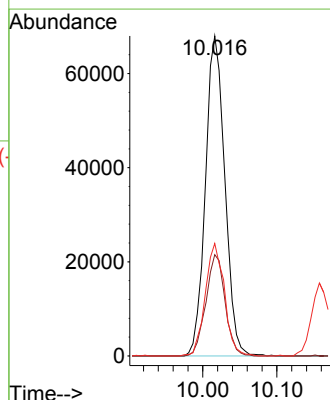
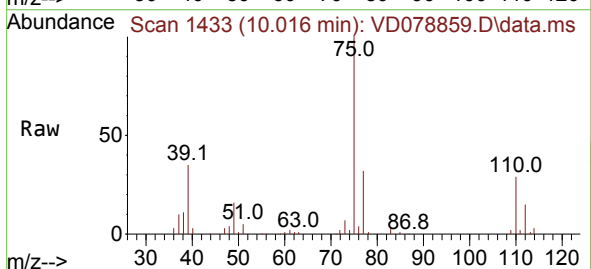
Instrument :
 MSVOA_D
 ClientSampleId :

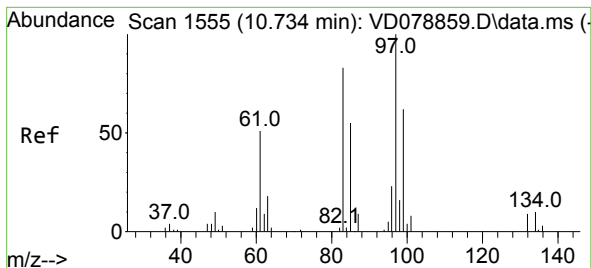
Tgt Ion: 75 Resp: 102820
 Ion Ratio Lower Upper
 75 100
 77 29.0 27.1 40.7



#54
 cis-1,3-Dichloropropene
 Concen: 55.507 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078859.D
 Acq: 01 May 2024 13:11

Tgt Ion: 75 Resp: 123808
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0
 39 35.1 26.7 40.1





#55

1,1,2-Trichloroethane

Concen: 54.676 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

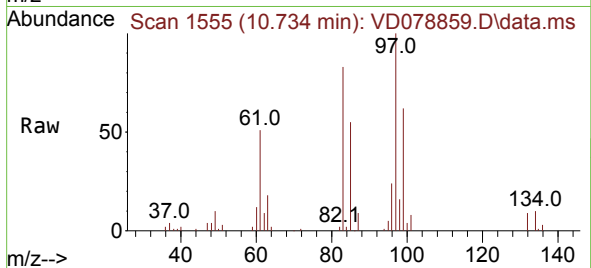
Lab File: VD078859.D

Acq: 01 May 2024 13:11

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 63079

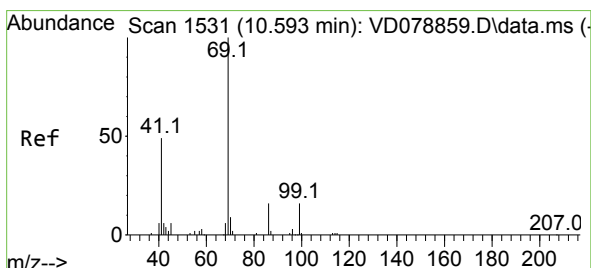
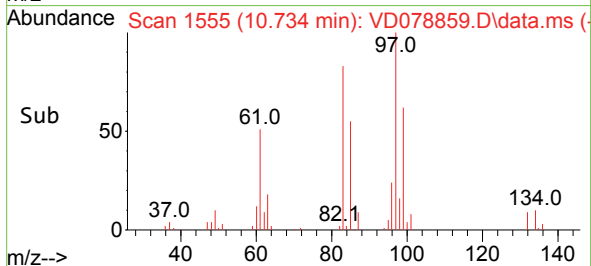
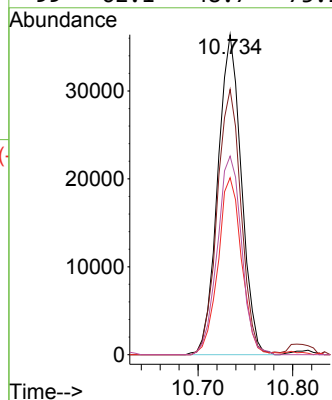
Ion Ratio Lower Upper

97 100

83 82.9 68.1 102.1

85 55.3 48.2 72.2

99 62.1 48.7 73.1



#56

Ethyl methacrylate

Concen: 59.813 ug/l

RT: 10.593 min Scan# 1531

Delta R.T. 0.000 min

Lab File: VD078859.D

Acq: 01 May 2024 13:11

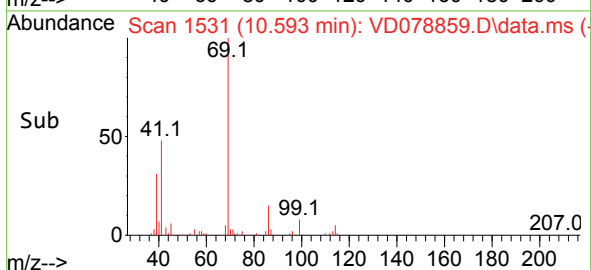
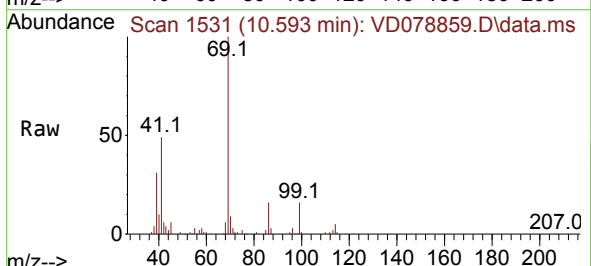
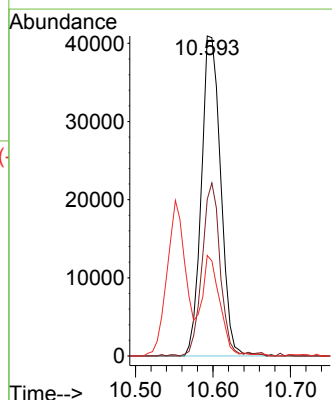
Tgt Ion: 69 Resp: 70902

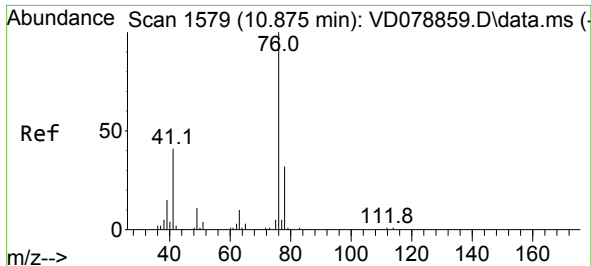
Ion Ratio Lower Upper

69 100

41 50.7 40.9 61.3

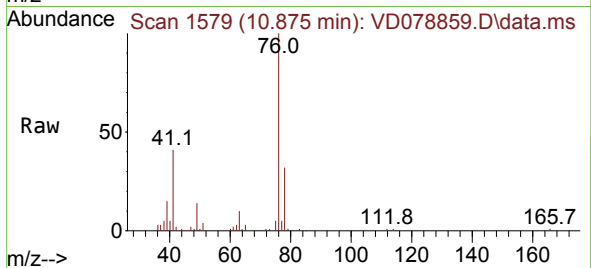
39 28.9 25.5 38.3



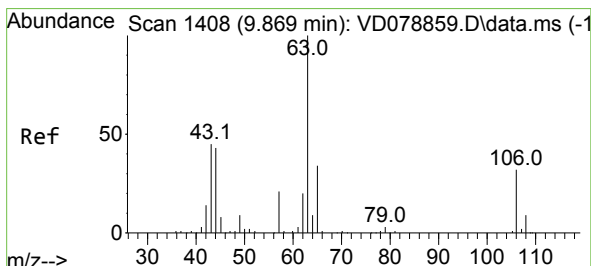
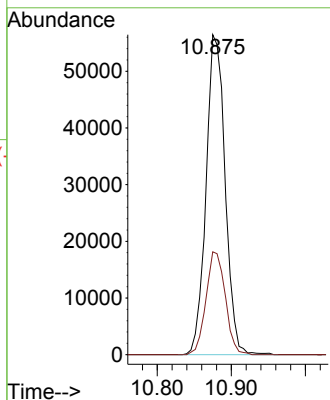
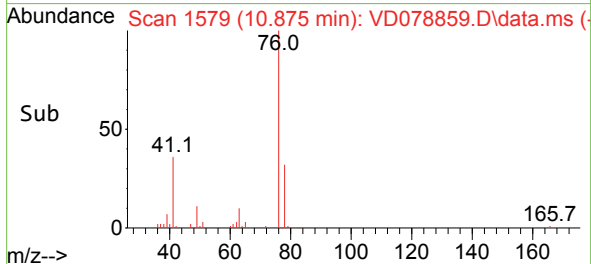


#57
1,3-Dichloropropane
Concen: 55.271 ug/l
RT: 10.875 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

Instrument :
MSVOA_D
ClientSampleId :

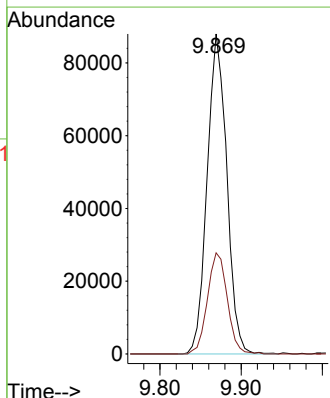
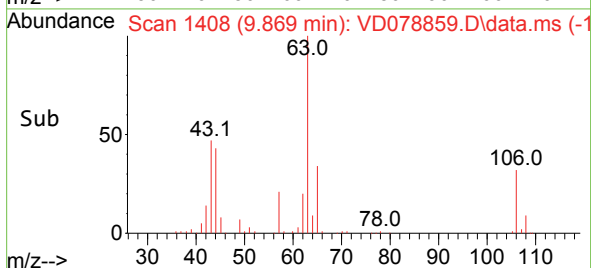
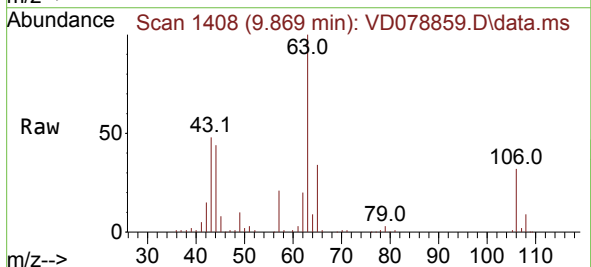


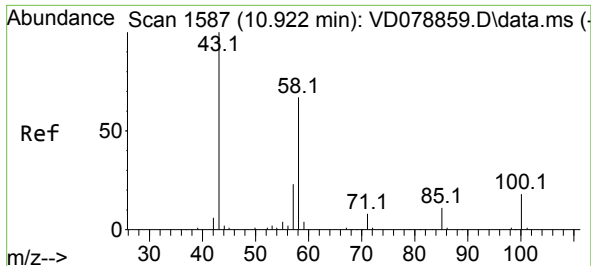
Tgt Ion: 76 Resp: 100835
Ion Ratio Lower Upper
76 100
78 32.5 26.8 40.2



#58
2-Chloroethyl Vinyl ether
Concen: 285.203 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

Tgt Ion: 63 Resp: 147623
Ion Ratio Lower Upper
63 100
106 32.0 25.2 37.8

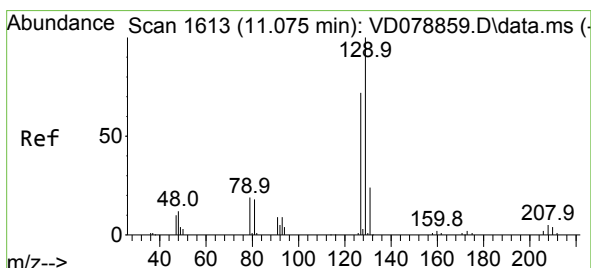
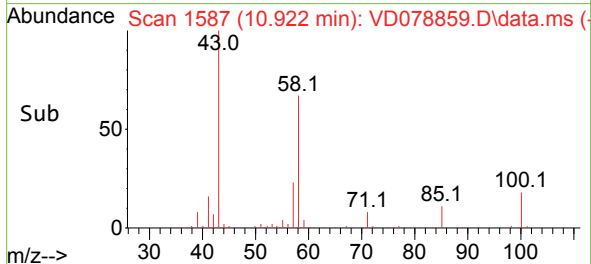
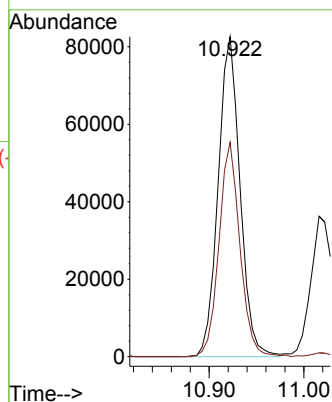
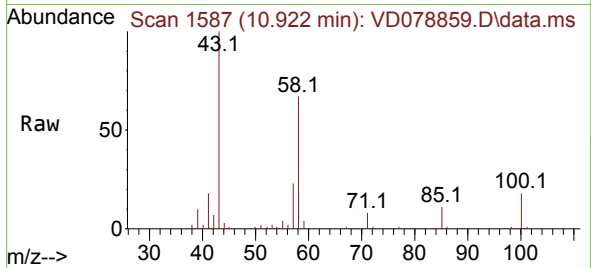




#59
2-Hexanone
Concen: 297.206 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

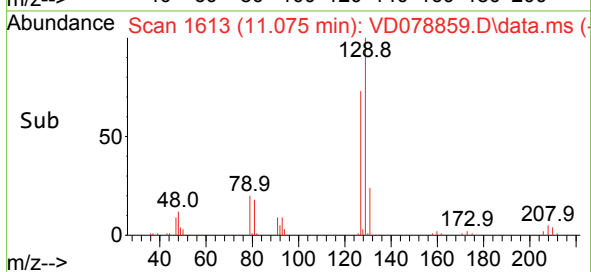
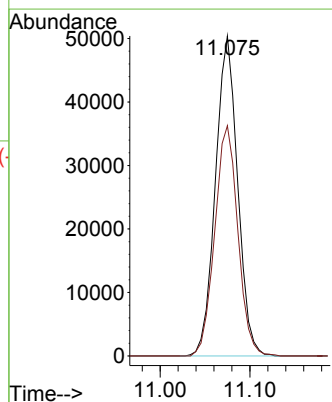
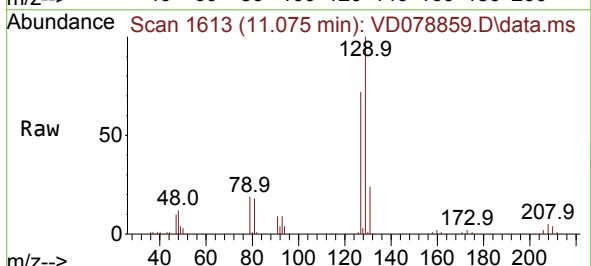
Instrument :
MSVOA_D
ClientSampleId :

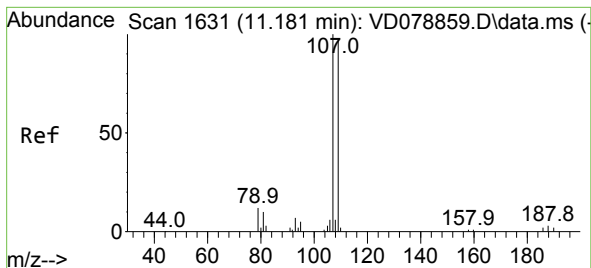
Tgt Ion: 43 Resp: 132627
Ion Ratio Lower Upper
43 100
58 64.1 31.5 94.5



#60
Dibromochloromethane
Concen: 55.320 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

Tgt Ion: 129 Resp: 86503
Ion Ratio Lower Upper
129 100
127 74.9 38.8 116.3

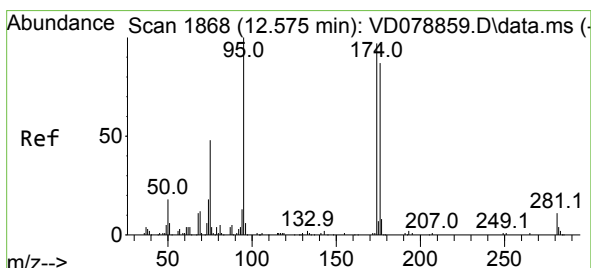
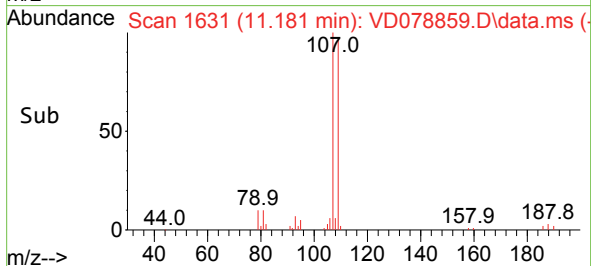
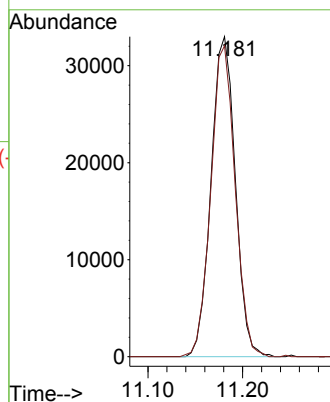
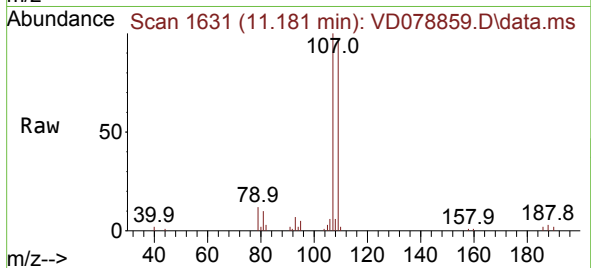




#61
1,2-Dibromoethane
Concen: 54.880 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

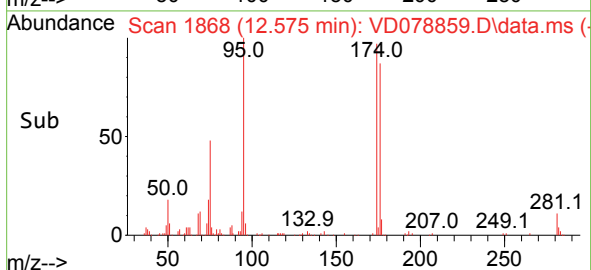
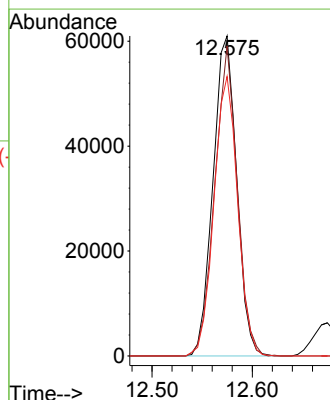
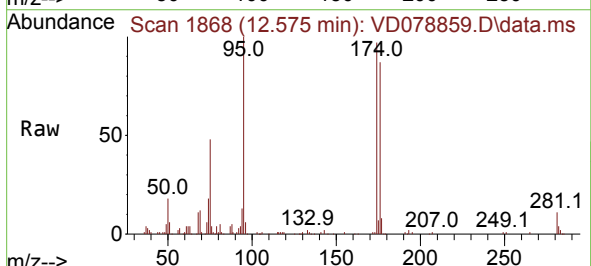
Instrument :
MSVOA_D
ClientSampleId :

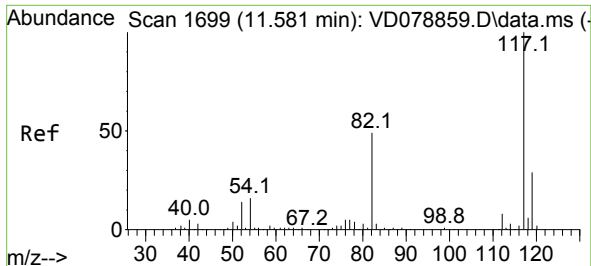
Tgt Ion:107 Resp: 58717
Ion Ratio Lower Upper
107 100
109 97.4 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 60.134 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

Tgt Ion: 95 Resp: 99888
Ion Ratio Lower Upper
95 100
174 92.5 0.0 195.2
176 87.4 0.0 188.2

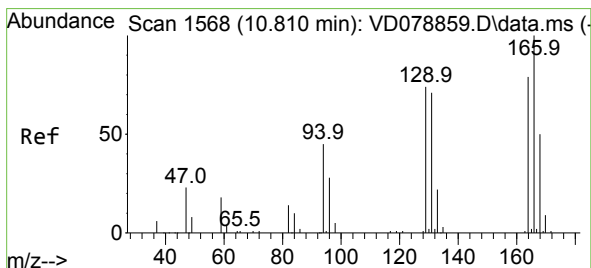
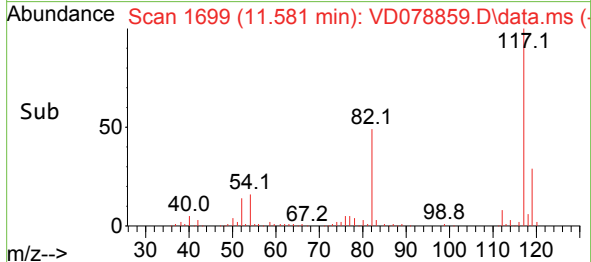
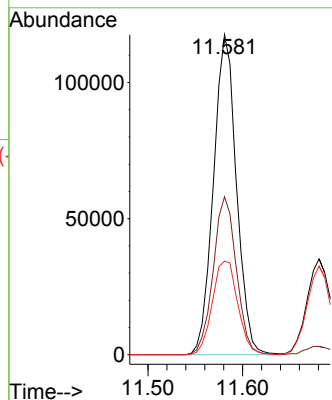
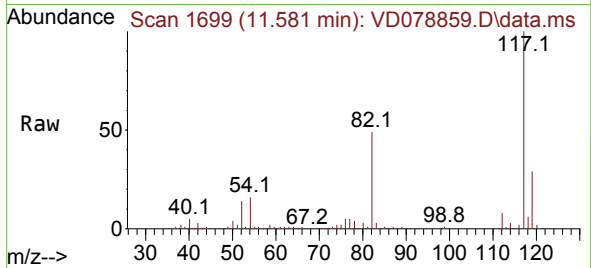




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

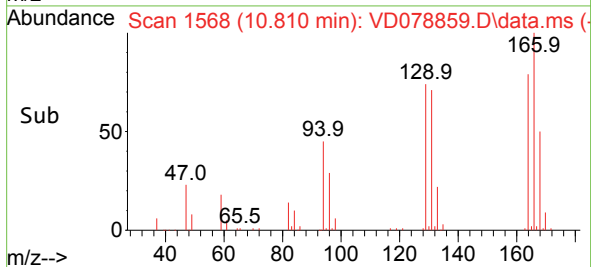
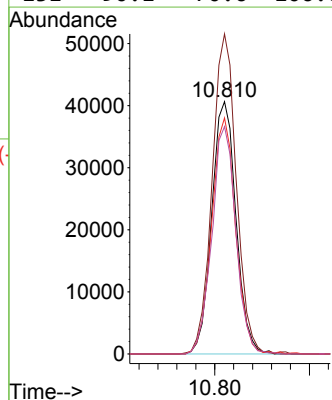
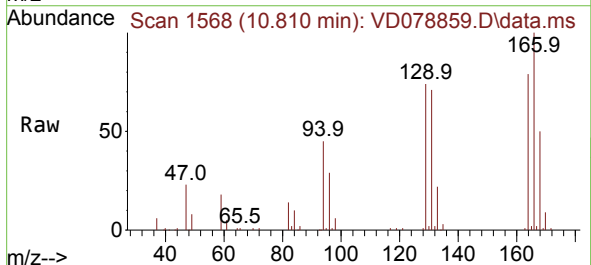
Instrument :
MSVOA_D
ClientSampleId :

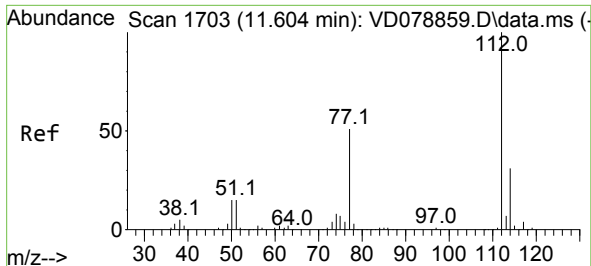
Tgt Ion:117 Resp: 198672
Ion Ratio Lower Upper
117 100
82 49.3 41.4 62.2
119 29.3 26.5 39.7



#64
Tetrachloroethene
Concen: 53.375 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

Tgt Ion:164 Resp: 72329
Ion Ratio Lower Upper
164 100
166 126.8 98.9 148.3
129 93.5 70.3 105.5
131 90.1 70.6 106.0

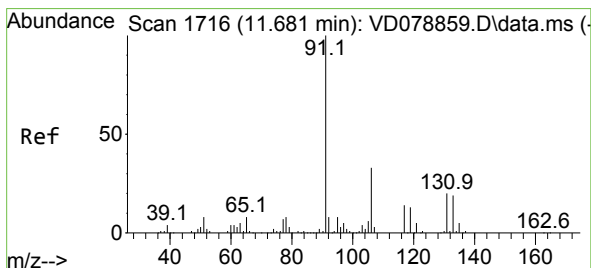
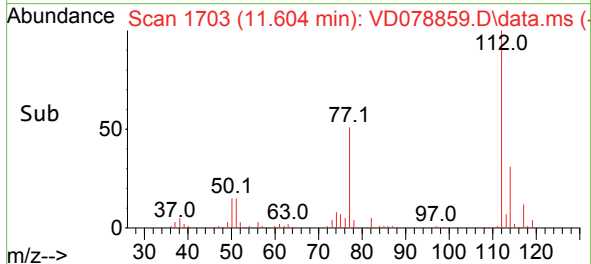
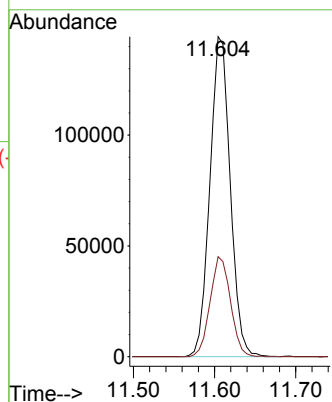
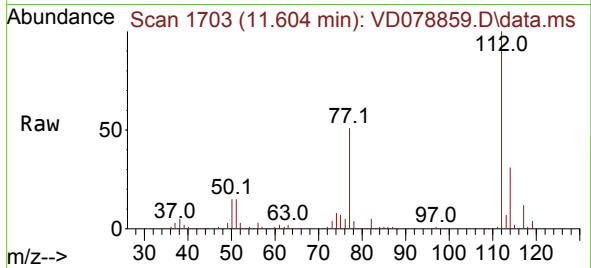




#65
Chlorobenzene
Concen: 55.101 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

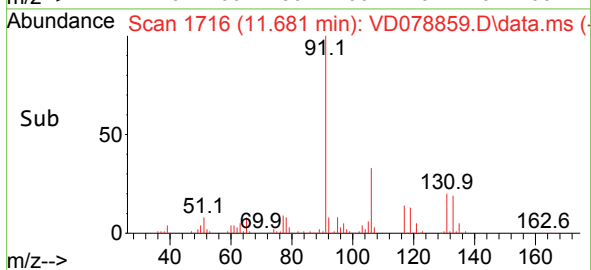
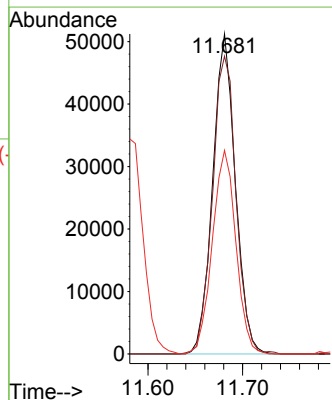
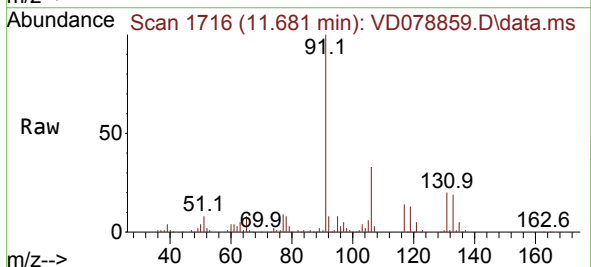
Instrument :
MSVOA_D
ClientSampleId :

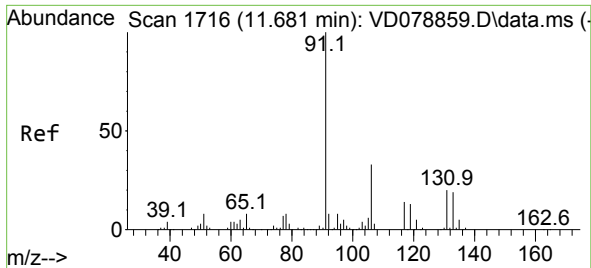
Tgt Ion:112 Resp: 251235
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.387 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

Tgt Ion:131 Resp: 85123
Ion Ratio Lower Upper
131 100
133 97.2 47.6 142.9
119 66.1 34.1 102.3

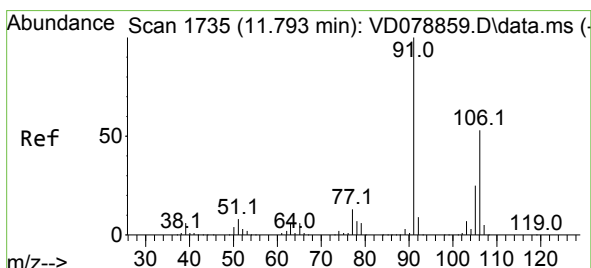
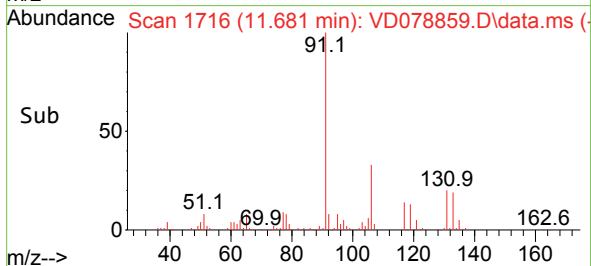
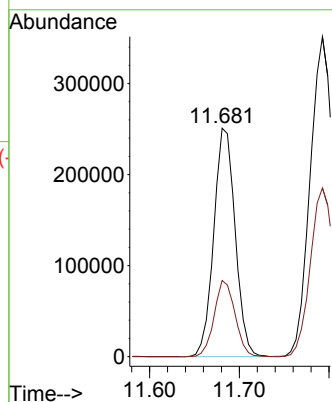
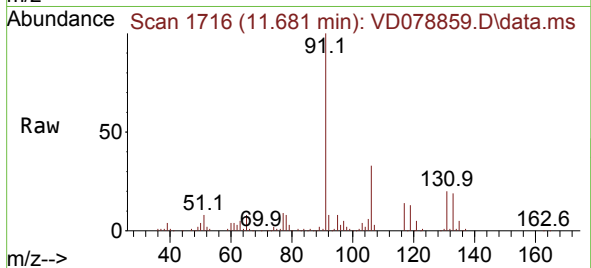




#67
Ethyl Benzene
Concen: 55.737 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

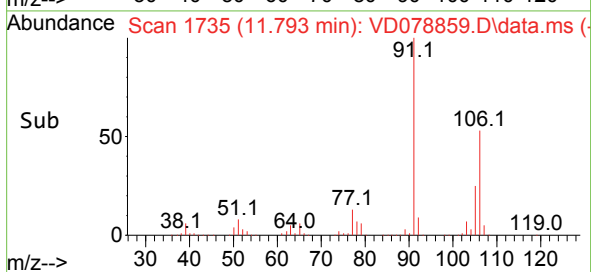
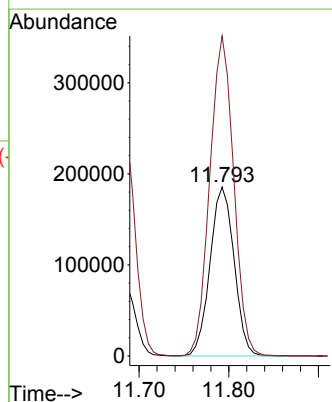
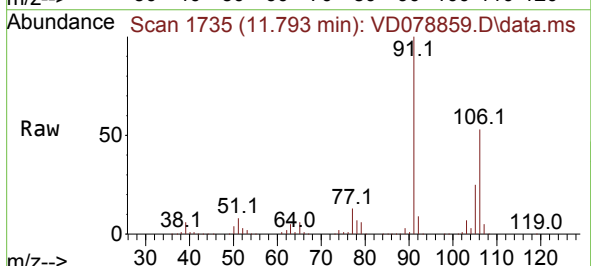
Instrument :
MSVOA_D
ClientSampleId :

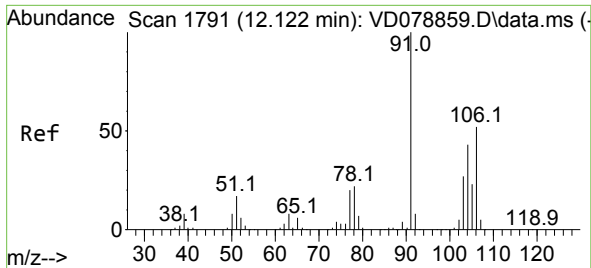
Tgt Ion: 91 Resp: 415687
Ion Ratio Lower Upper
91 100
106 33.4 24.5 36.7



#68
m/p-Xylenes
Concen: 114.260 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

Tgt Ion: 106 Resp: 345027
Ion Ratio Lower Upper
106 100
91 188.1 154.4 231.6

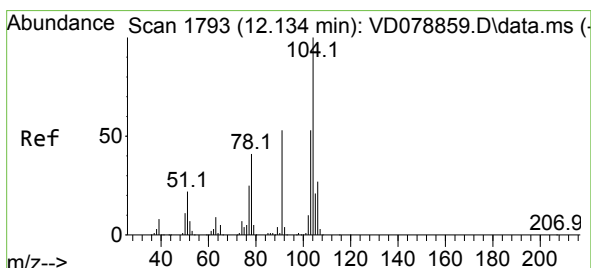
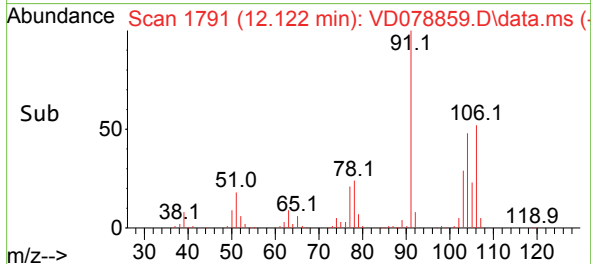
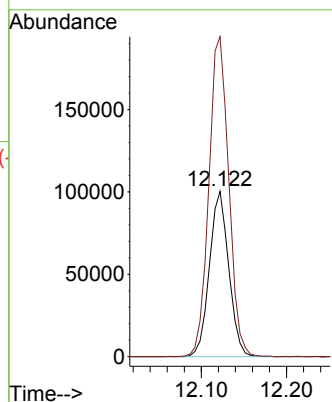
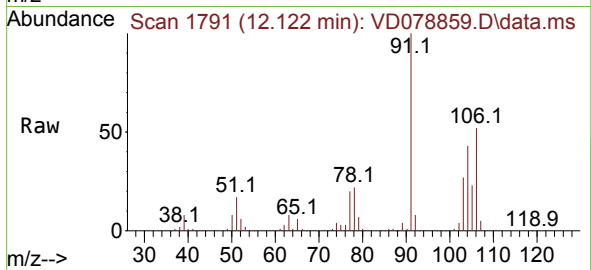




#69
o-Xylene
Concen: 57.158 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

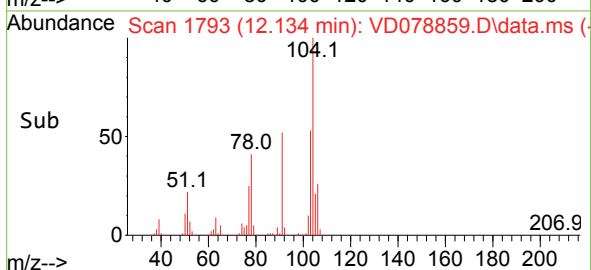
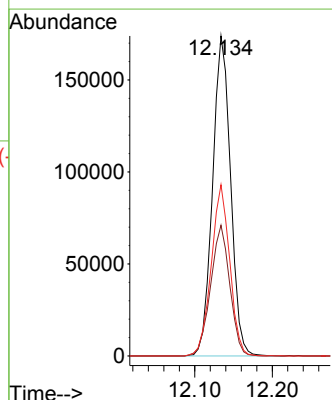
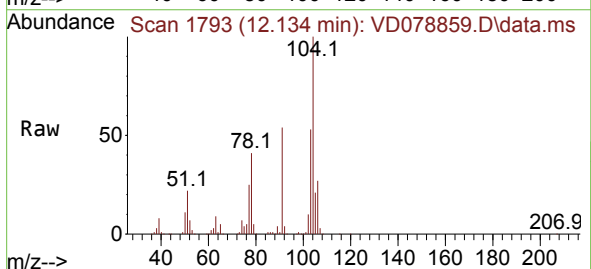
Instrument :
MSVOA_D
ClientSampleId :

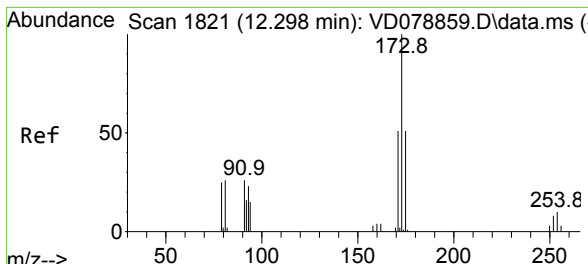
Tgt Ion:106 Resp: 157797
Ion Ratio Lower Upper
106 100
91 199.7 99.6 298.7



#70
Styrene
Concen: 57.814 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

Tgt Ion:104 Resp: 280640
Ion Ratio Lower Upper
104 100
78 43.5 34.6 52.0
103 54.8 44.2 66.2

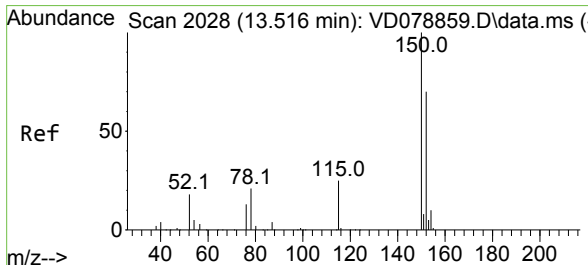
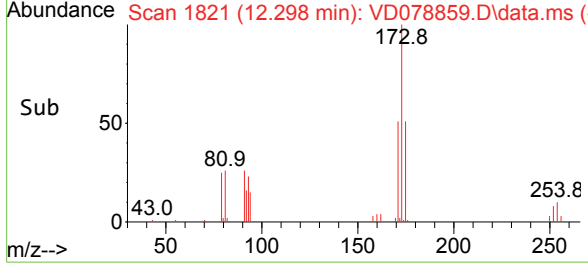
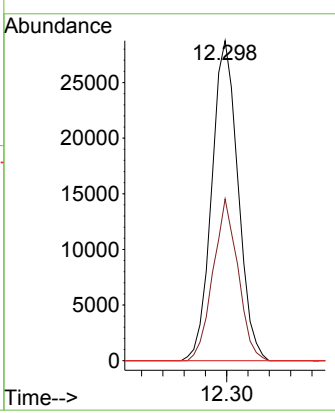
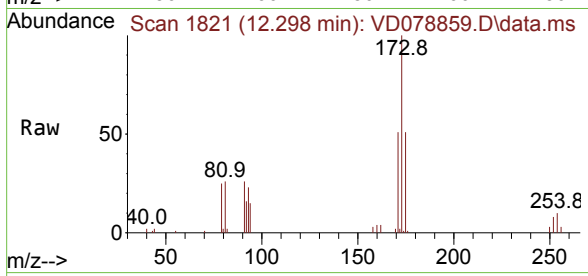




#71
 Bromoform
 Concen: 57.017 ug/l
 RT: 12.298 min Scan# 1821
 Delta R.T. 0.000 min
 Lab File: VD078859.D
 Acq: 01 May 2024 13:11

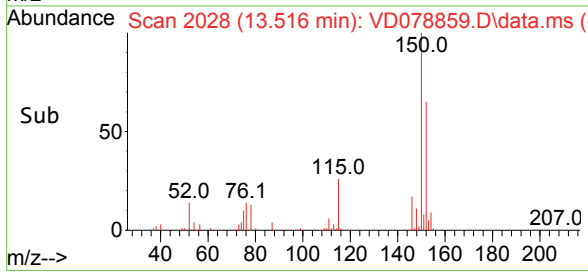
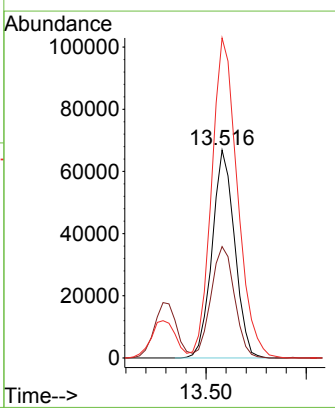
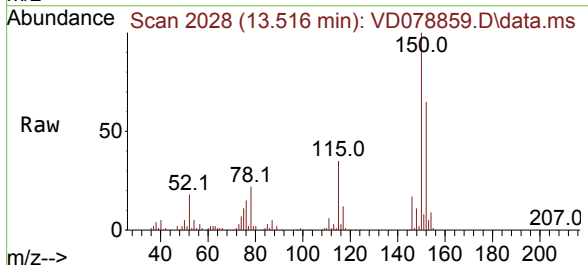
Instrument :
 MSVOA_D
 ClientSampleId :

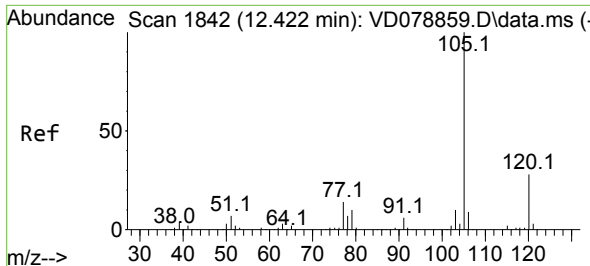
Tgt Ion:	173	Resp:	49221
Ion Ratio	Lower	Upper	
173	100		
175	48.0	25.8	77.4
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: VD078859.D
 Acq: 01 May 2024 13:11

Tgt Ion:	152	Resp:	104122
Ion Ratio	Lower	Upper	
152	100		
115	56.1	27.1	81.2
150	176.3	0.0	350.2

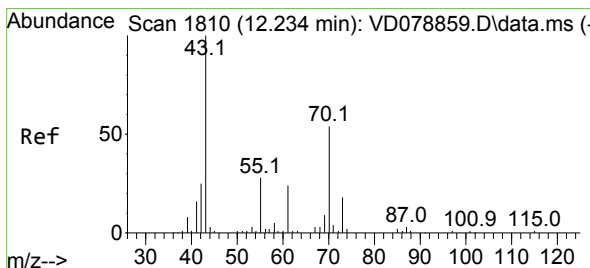
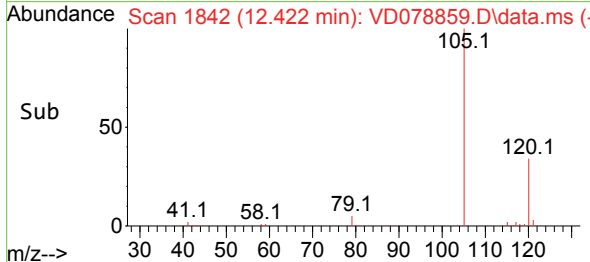
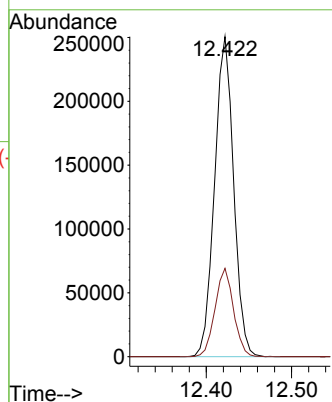
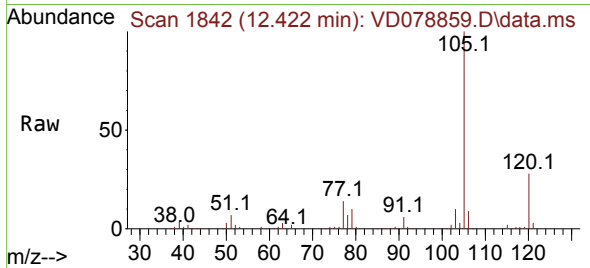




#73
Isopropylbenzene
Concen: 55.422 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

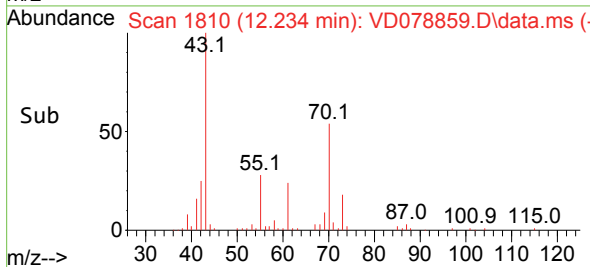
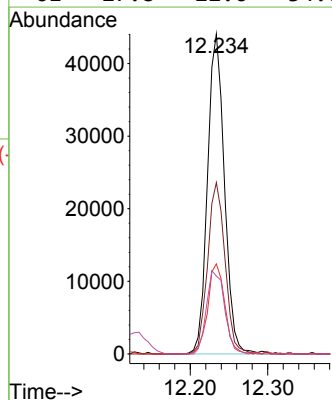
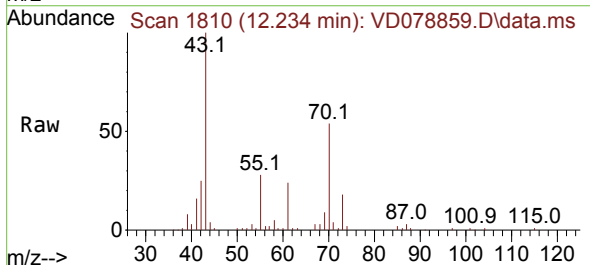
Instrument :
MSVOA_D
ClientSampleId :

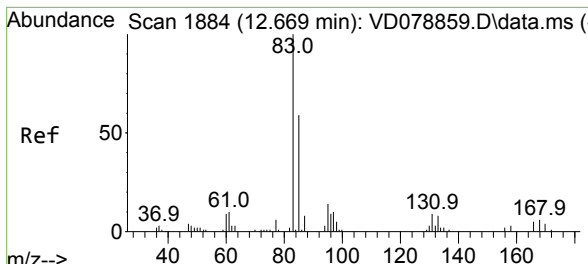
Tgt Ion:105 Resp: 388986
Ion Ratio Lower Upper
105 100
120 26.8 13.7 41.0



#74
N-ethyl acetate
Concen: 57.356 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

Tgt Ion: 43 Resp: 66962
Ion Ratio Lower Upper
43 100
70 54.8 42.1 63.1
55 28.7 22.6 33.8
61 27.8 22.6 34.0

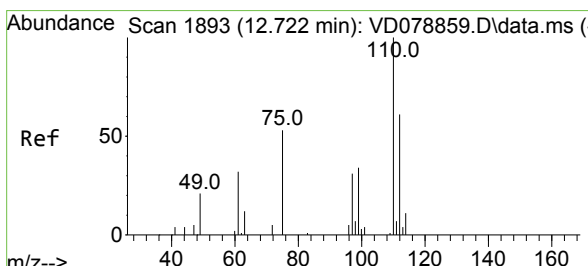
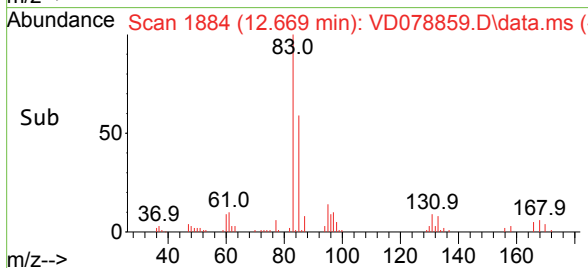
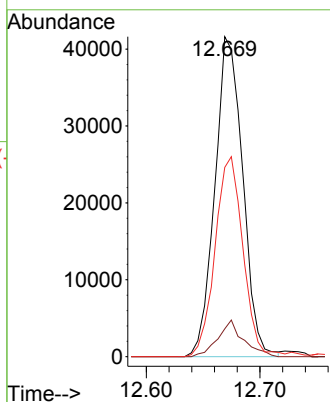
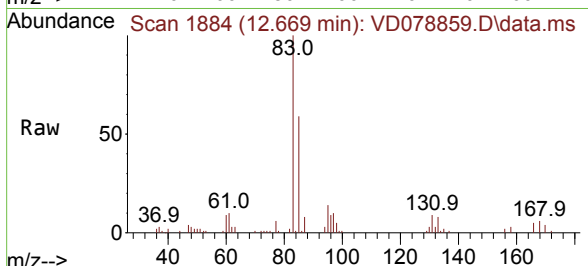




#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.875 ug/l
 RT: 12.669 min Scan# 1884
 Delta R.T. 0.000 min
 Lab File: VD078859.D
 Acq: 01 May 2024 13:11

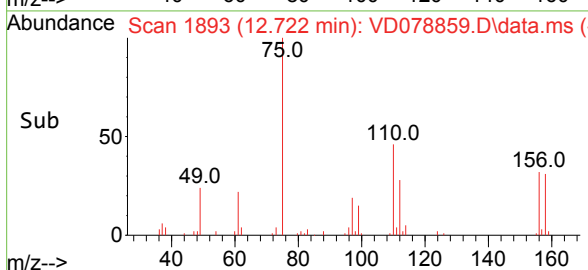
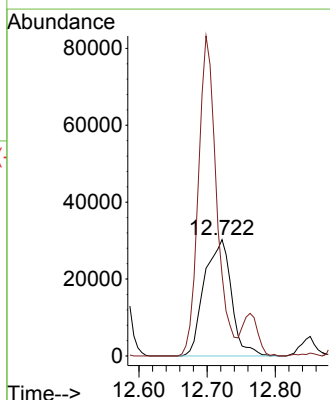
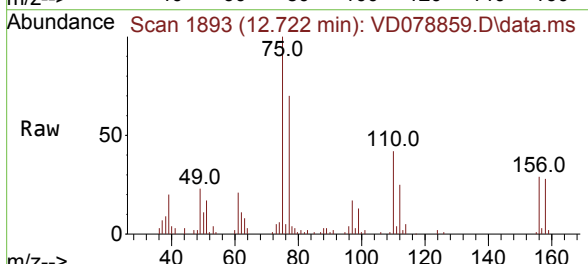
Instrument :
 MSVOA_D
 ClientSampleId :

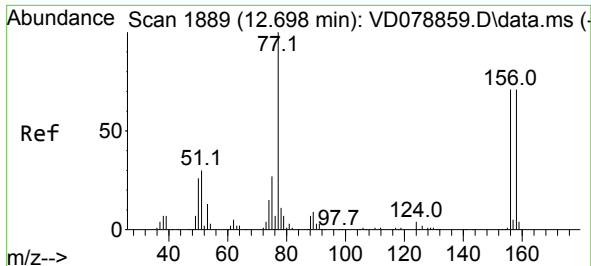
Tgt Ion:	83	Resp:	70846
Ion Ratio	Lower	Upper	
83	100		
131	10.4	4.9	14.7
85	63.2	32.2	96.6



#76
 1,2,3-Trichloropropane
 Concen: 96.390 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD078859.D
 Acq: 01 May 2024 13:11

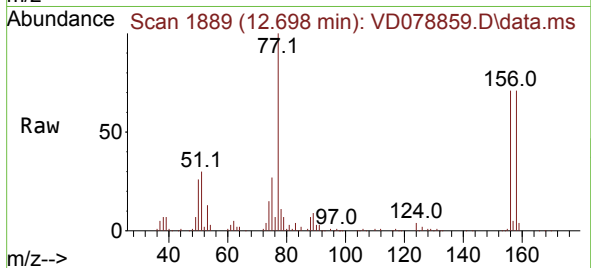
Tgt Ion:	75	Resp:	83571
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



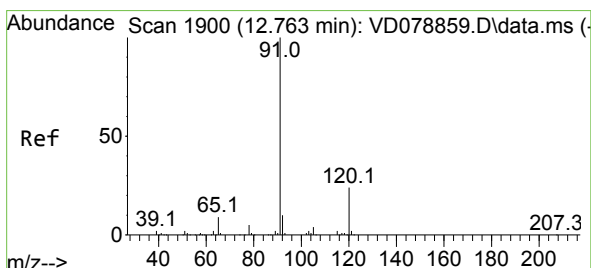
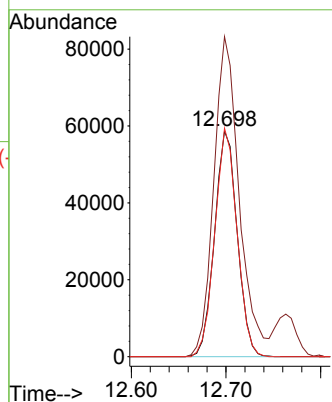
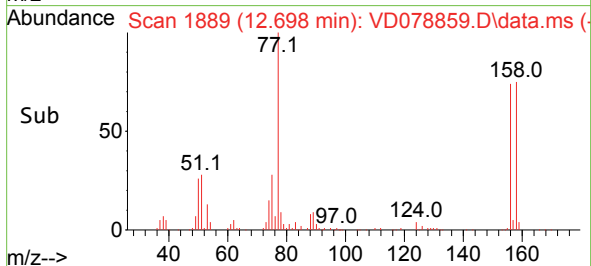


#77
Bromobenzene
Concen: 54.093 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

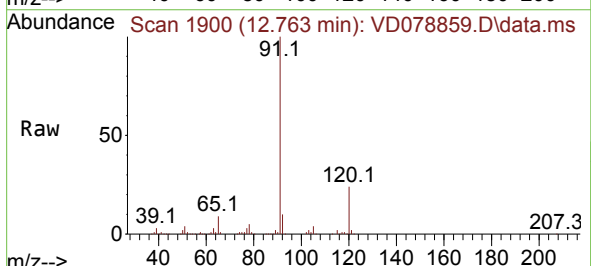
Instrument :
MSVOA_D
ClientSampleId :



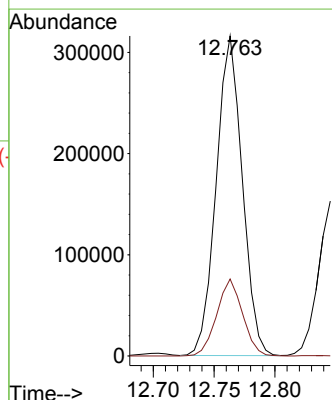
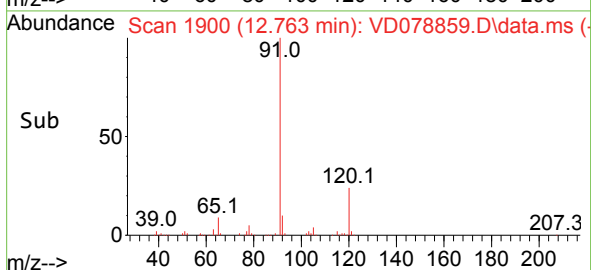
Tgt Ion:156 Resp: 97541
Ion Ratio Lower Upper
156 100
77 159.8 79.1 237.3
158 99.3 47.0 141.0

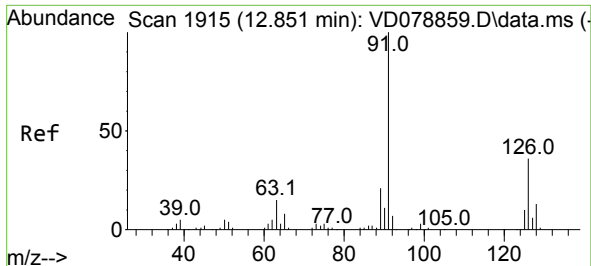


#78
n-propylbenzene
Concen: 55.315 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11



Tgt Ion: 91 Resp: 470495
Ion Ratio Lower Upper
91 100
120 23.9 11.7 35.1

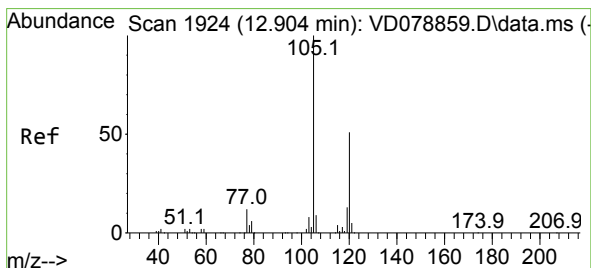
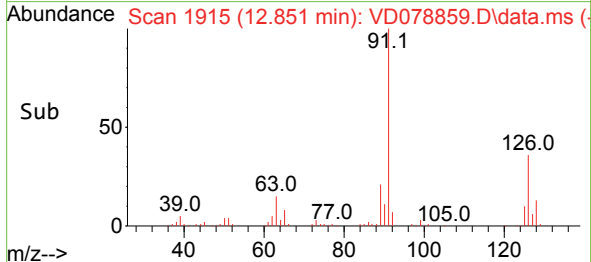
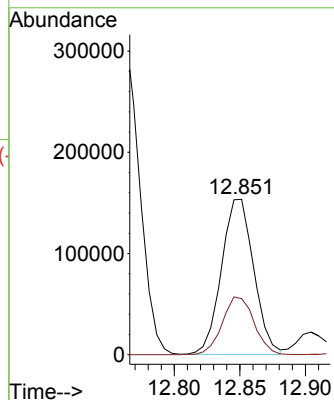
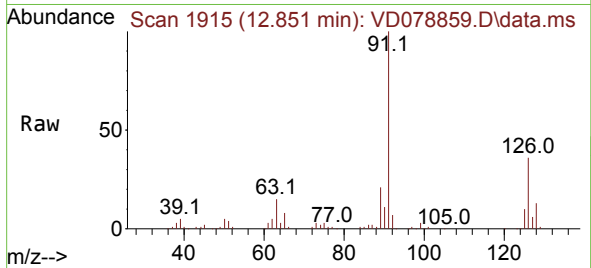




#79
2-Chlorotoluene
Concen: 55.340 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

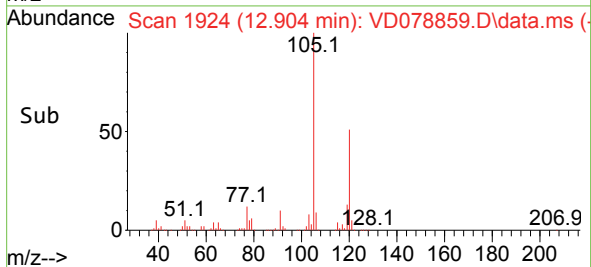
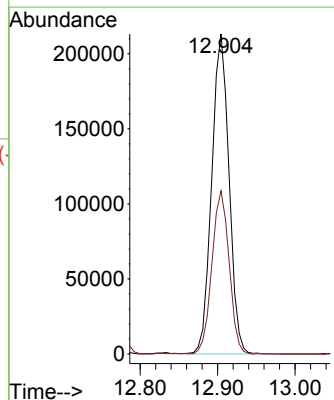
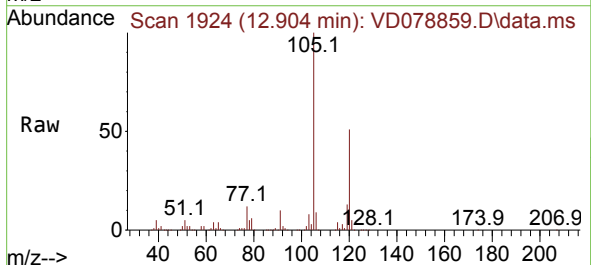
Instrument :
MSVOA_D
ClientSampleId :

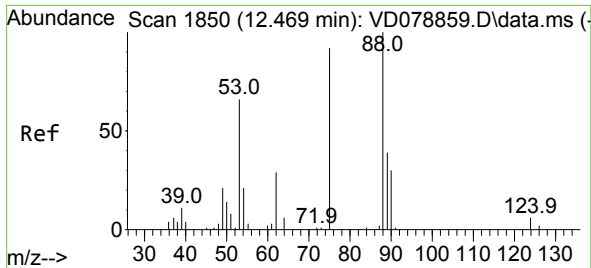
Tgt Ion: 91 Resp: 262726
Ion Ratio Lower Upper
91 100
126 36.7 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 56.671 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

Tgt Ion: 105 Resp: 330286
Ion Ratio Lower Upper
105 100
120 50.6 25.9 77.7

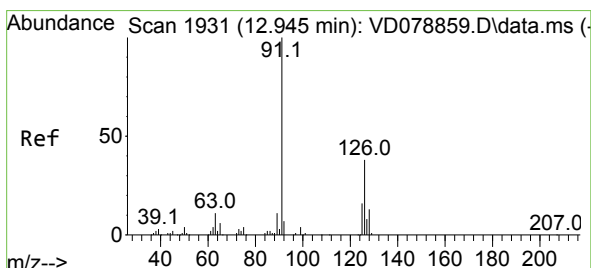
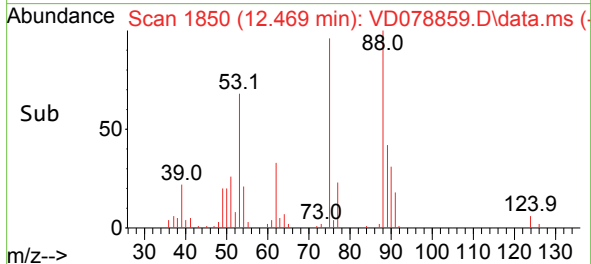
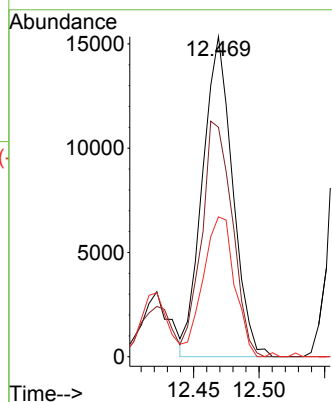
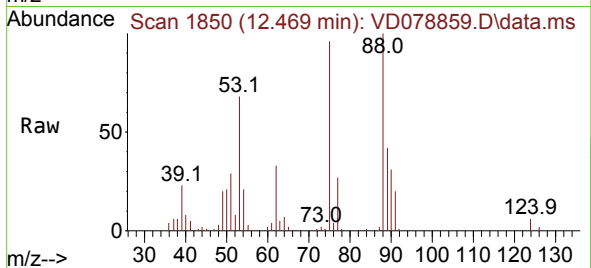




#81
trans-1,4-Dichloro-2-butene
Concen: 55.173 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

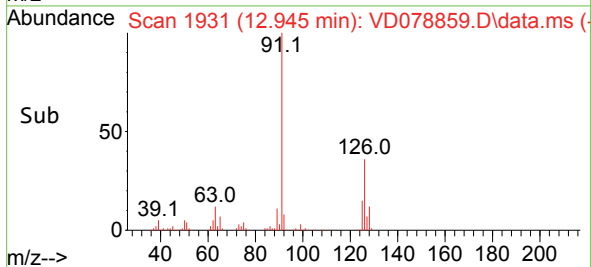
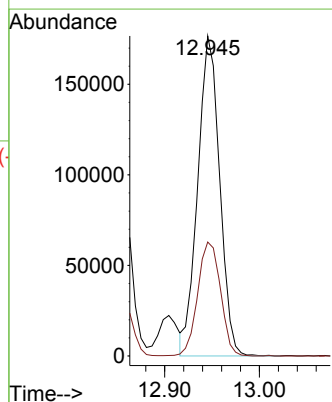
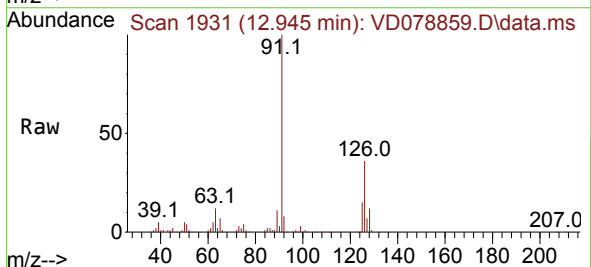
Instrument :
MSVOA_D
ClientSampleId :

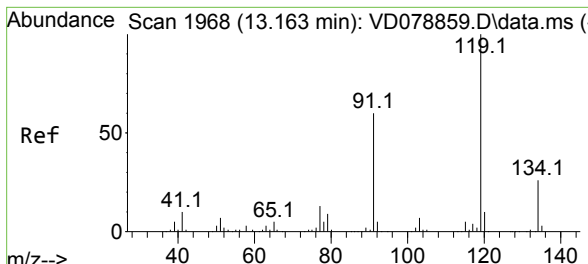
Tgt Ion	Ratio	Lower	Upper
75	100		
53	75.1	61.0	91.6
89	45.9	35.4	53.0



#82
4-Chlorotoluene
Concen: 56.207 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.0	18.9	56.5

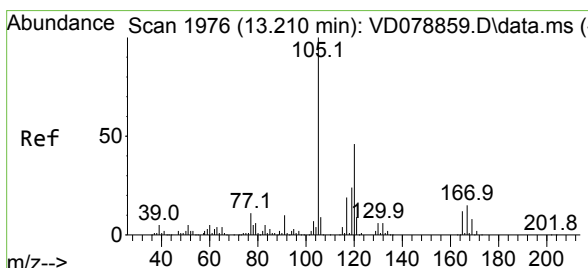
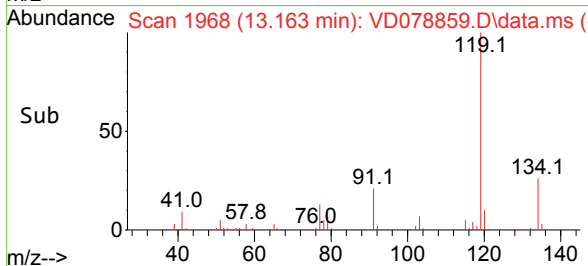
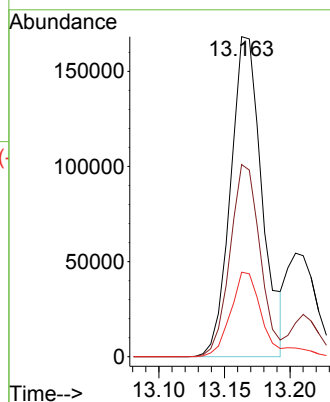
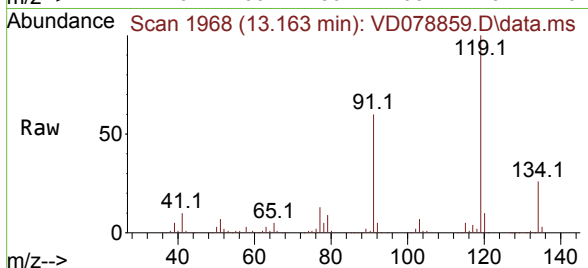




#83
 tert-Butylbenzene
 Concen: 56.095 ug/l
 RT: 13.163 min Scan# 1968
 Delta R.T. 0.000 min
 Lab File: VD078859.D
 Acq: 01 May 2024 13:11

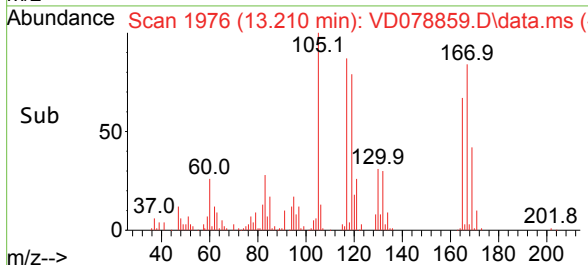
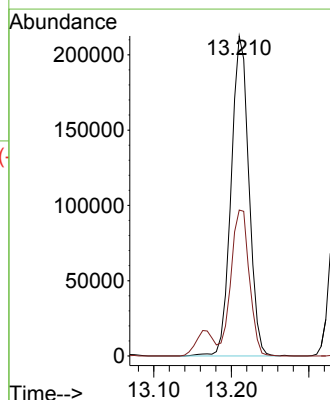
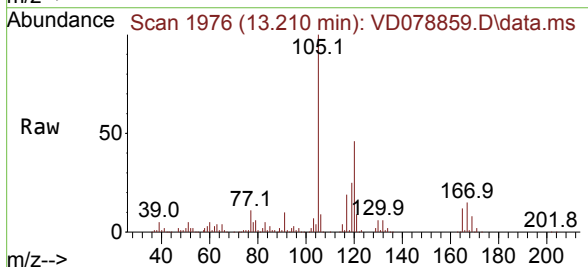
Instrument :
 MSVOA_D
 ClientSampleId :

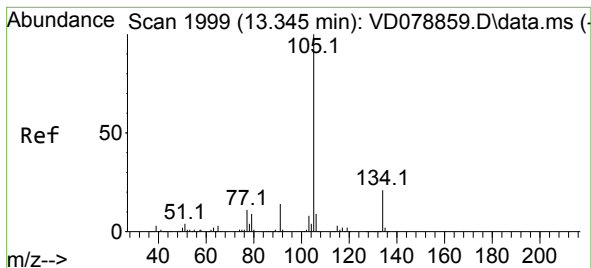
Tgt Ion:119 Resp: 281401
 Ion Ratio Lower Upper
 119 100
 91 57.5 28.9 86.7
 134 27.3 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 56.697 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD078859.D
 Acq: 01 May 2024 13:11

Tgt Ion:105 Resp: 338228
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.1 69.2





#85

sec-Butylbenzene

Concen: 53.709 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078859.D

Acq: 01 May 2024 13:11

Instrument :

MSVOA_D

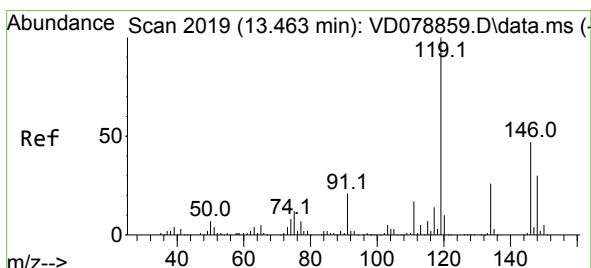
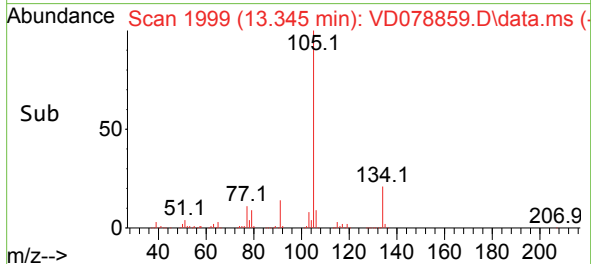
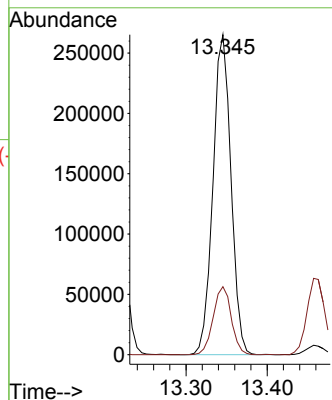
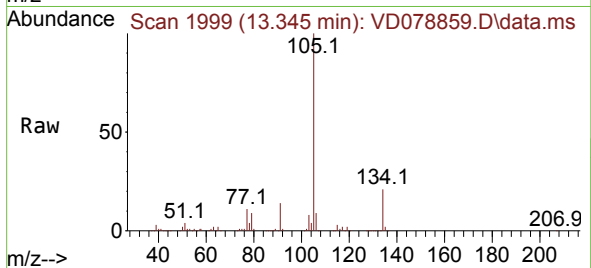
ClientSampleId :

Tgt Ion:105 Resp: 409143

Ion Ratio Lower Upper

105 100

134 21.3 10.4 31.2



#86

p-Isopropyltoluene

Concen: 54.688 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD078859.D

Acq: 01 May 2024 13:11

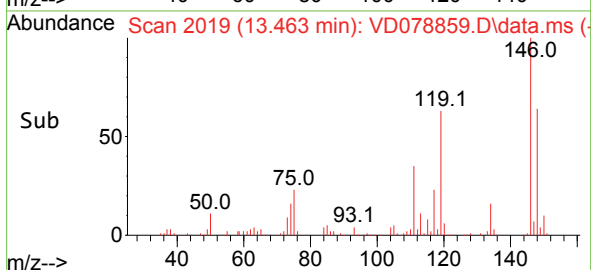
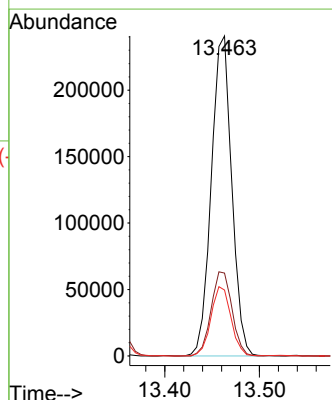
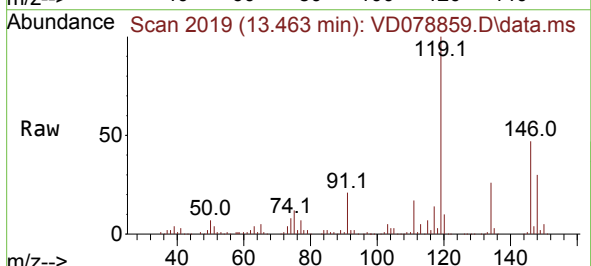
Tgt Ion:119 Resp: 361037

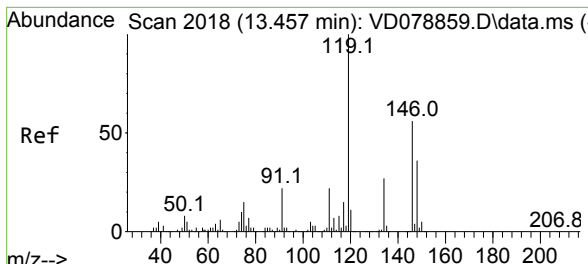
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

91 21.3 10.4 31.2

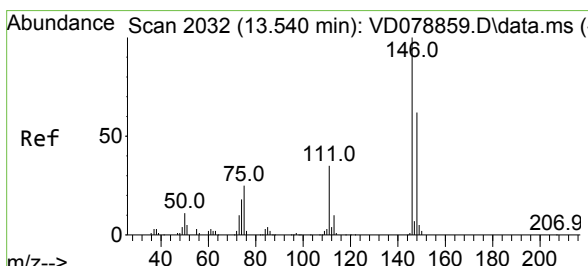
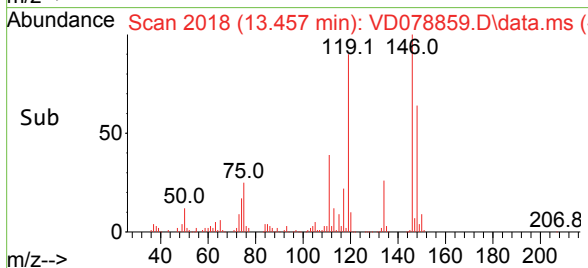
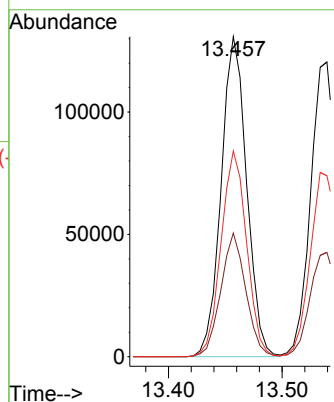
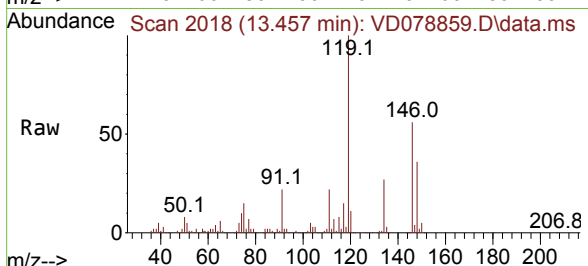




#87
 1,3-Dichlorobenzene
 Concen: 54.013 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078859.D
 Acq: 01 May 2024 13:11

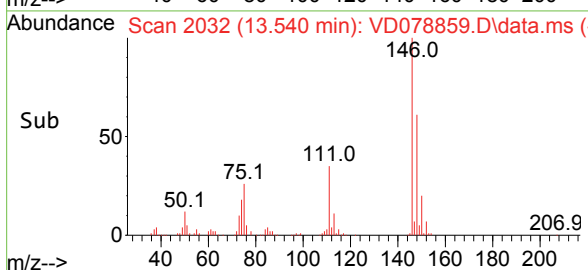
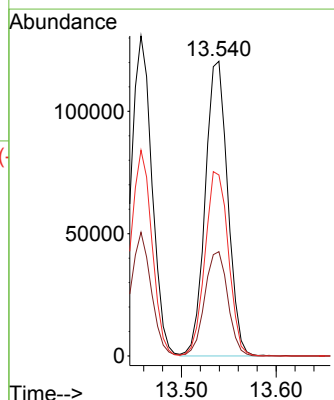
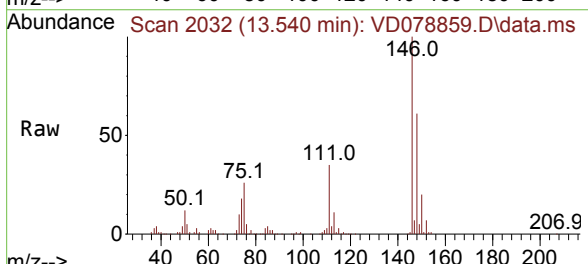
Instrument :
 MSVOA_D
 ClientSampleId :

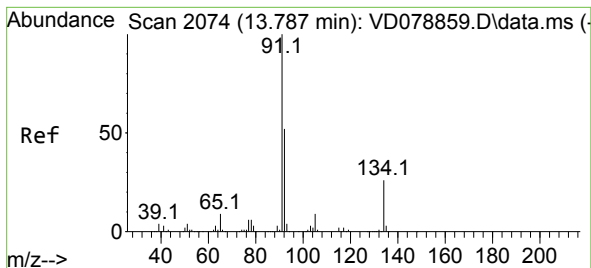
Tgt Ion:146	Resp: 203975
Ion Ratio	Lower Upper
146	100
111	37.9 18.2 54.6
148	64.3 31.1 93.5



#88
 1,4-Dichlorobenzene
 Concen: 53.252 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD078859.D
 Acq: 01 May 2024 13:11

Tgt Ion:146	Resp: 199069
Ion Ratio	Lower Upper
146	100
111	36.4 17.8 53.3
148	65.1 32.4 97.0





#89

n-Butylbenzene

Concen: 54.643 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078859.D

Acq: 01 May 2024 13:11

Instrument :

MSVOA_D

ClientSampleId :

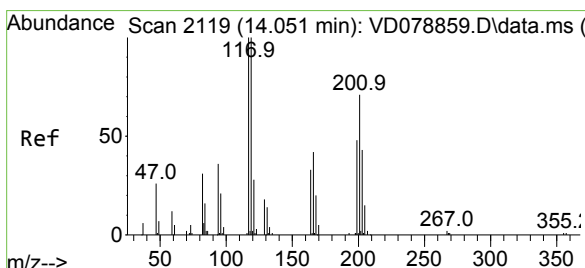
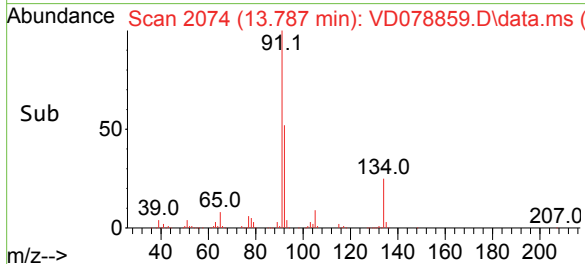
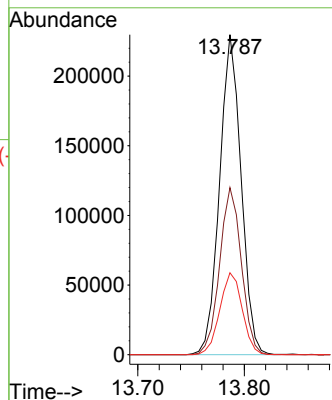
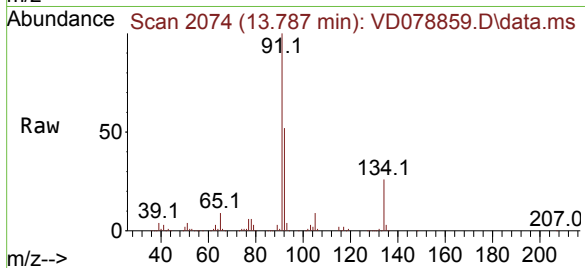
Tgt Ion: 91 Resp: 321603

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.0

134 26.7 13.0 38.9



#90

Hexachloroethane

Concen: 51.511 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078859.D

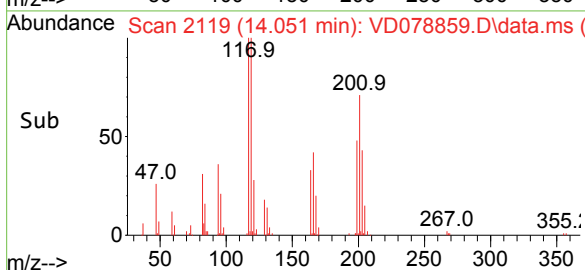
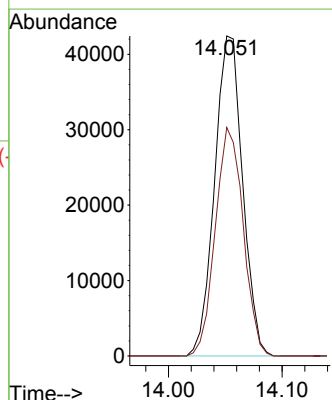
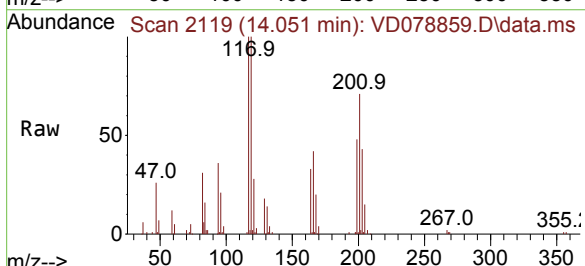
Acq: 01 May 2024 13:11

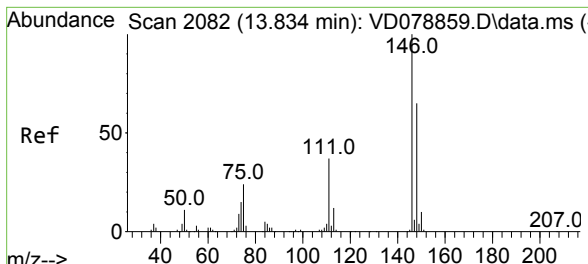
Tgt Ion: 117 Resp: 72755

Ion Ratio Lower Upper

117 100

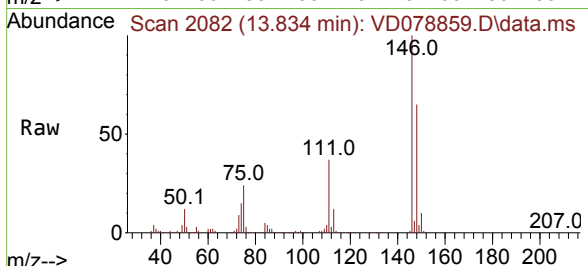
201 71.0 36.2 108.6



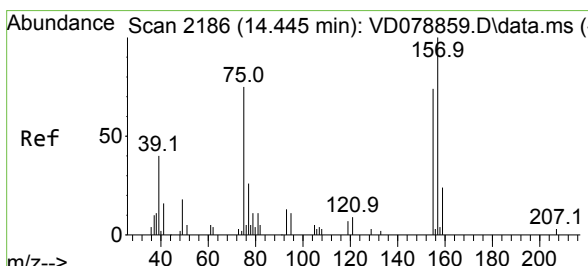
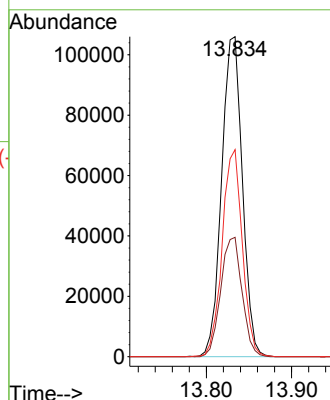
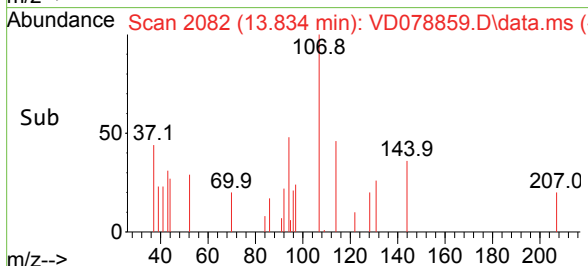


#91
1,2-Dichlorobenzene
Concen: 55.430 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11

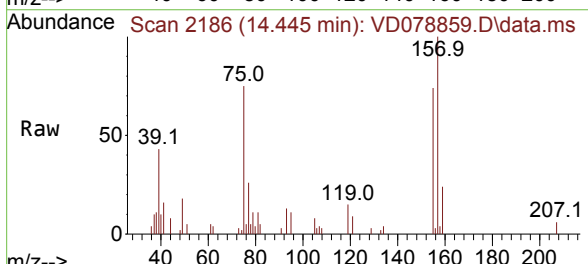
Instrument :
MSVOA_D
ClientSampleId :



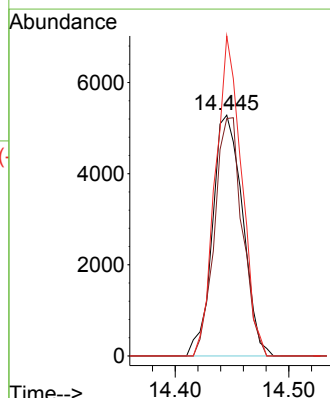
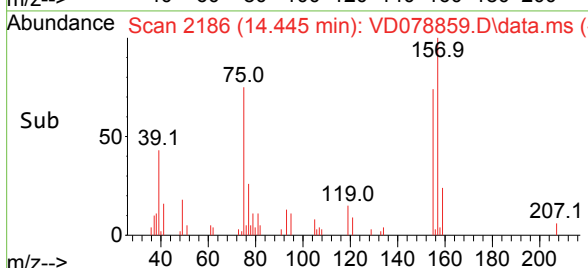
Tgt Ion:146 Resp: 179150
Ion Ratio Lower Upper
146 100
111 38.2 18.6 56.0
148 62.8 32.1 96.5

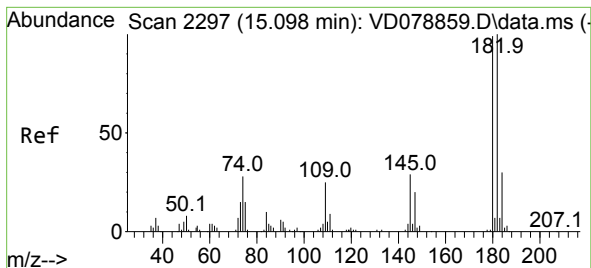


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.483 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078859.D
Acq: 01 May 2024 13:11



Tgt Ion: 75 Resp: 9754
Ion Ratio Lower Upper
75 100
155 91.4 49.8 149.3
157 115.1 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 55.749 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078859.D

Acq: 01 May 2024 13:11

Instrument :

MSVOA_D

ClientSampleId :

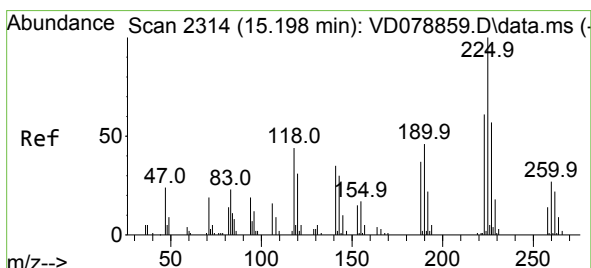
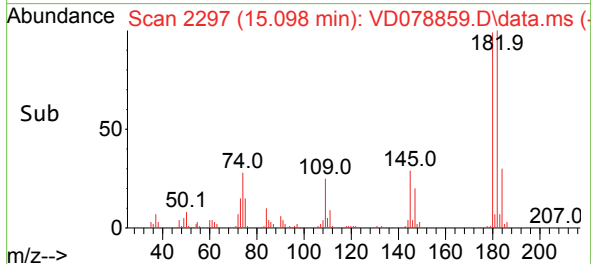
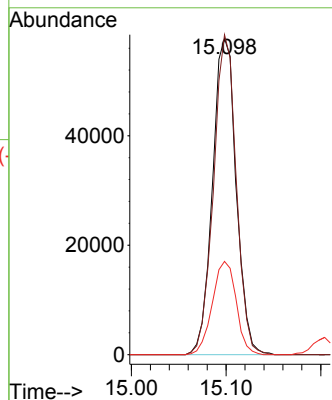
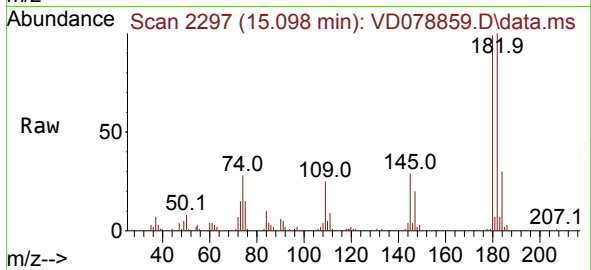
Tgt Ion:180 Resp: 100096

Ion Ratio Lower Upper

180 100

182 97.3 49.7 149.1

145 29.8 14.6 44.0



#94

Hexachlorobutadiene

Concen: 50.156 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. 0.000 min

Lab File: VD078859.D

Acq: 01 May 2024 13:11

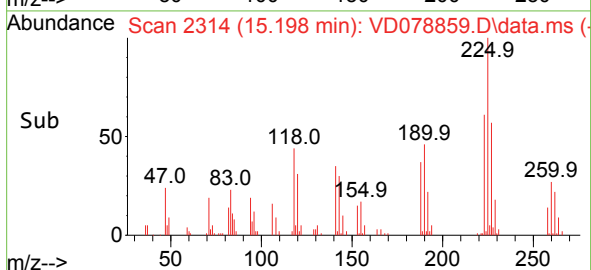
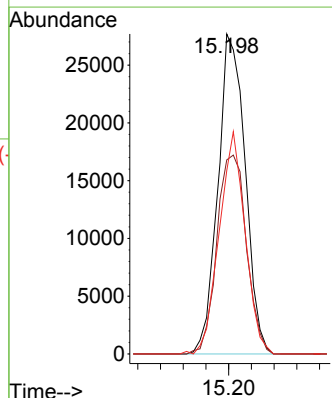
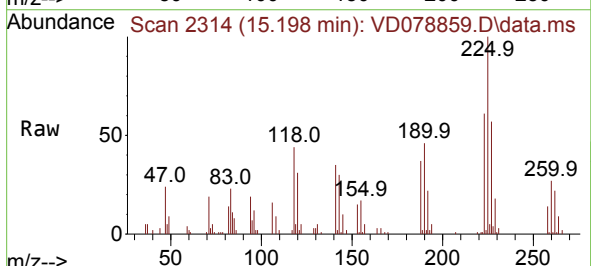
Tgt Ion:225 Resp: 46133

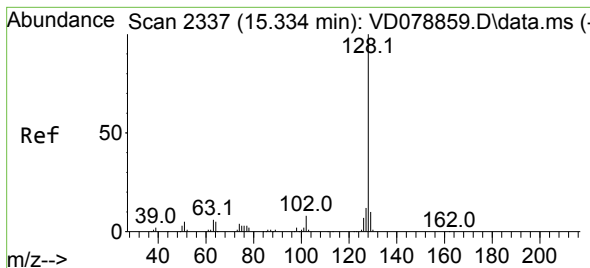
Ion Ratio Lower Upper

225 100

223 67.3 31.9 95.7

227 66.0 32.0 96.0





#95

Naphthalene

Concen: 57.261 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD078859.D

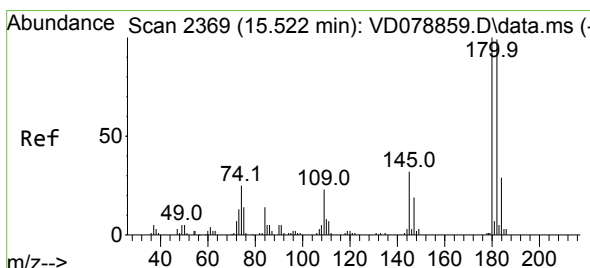
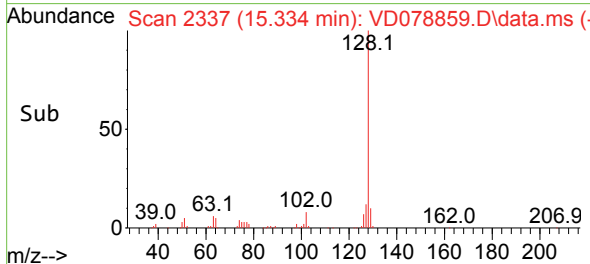
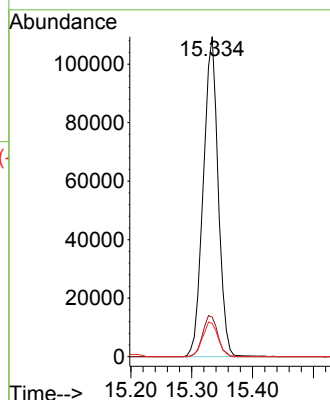
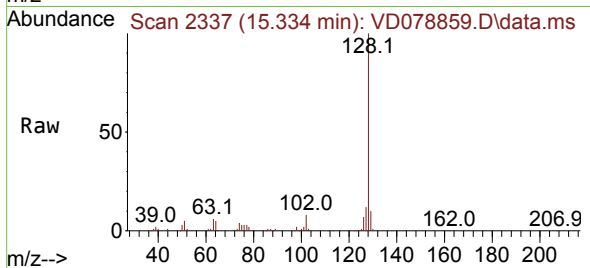
Acq: 01 May 2024 13:11

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	128	Resp:	185228
Ion Ratio	Lower	Upper	
128	100		
127	12.4	9.3	13.9
129	10.3	8.9	13.3



#96

1,2,3-Trichlorobenzene

Concen: 55.629 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078859.D

Acq: 01 May 2024 13:11

Tgt Ion:	180	Resp:	88485
Ion Ratio	Lower	Upper	
180	100		
182	96.9	46.7	140.1
145	31.4	14.4	43.4

