

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050824\
 Data File : VD078888.D
 Acq On : 08 May 2024 14:48
 Operator : RP/MD
 Sample : P2252-23 4X
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 09 04:43:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 19:40:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	98814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	189790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	174337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	81449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	48211	43.956	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.920%
35) Dibromofluoromethane	7.804	113	57067	40.952	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.900%
50) Toluene-d8	10.269	98	191371	35.785	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	71.560%
62) 4-Bromofluorobenzene	12.575	95	56820	37.125	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.240%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	3.934	96	27165	23.251	ug/l	96
16) Acetone	4.016	43	24212	148.036	ug/l	95
20) Methylene Chloride	4.793	84	67509	48.224	ug/l	93
24) 1,1-Dichloroethane	6.104	63	39425	18.883	ug/l	99
25) 2-Butanone	7.081	43	25692	112.010	ug/l	93
26) 2,2-Dichloropropane	7.075	77	49687	28.204	ug/l	91
28) Bromochloromethane	7.422	49	27201	34.628	ug/l	95
30) Chloroform	7.598	83	29492	12.658	ug/l	96
31) Cyclohexane	7.881	56	1856	1.140	ug/l #	30
32) 1,1,1-Trichloroethane	7.793	97	68199	34.706	ug/l	99
36) 1,1-Dichloropropene	7.875	75	7058	3.938	ug/l #	49
37) Ethyl Acetate	7.081	43	25692	43.336	ug/l #	64
38) Carbon Tetrachloride	7.993	117	25034	12.133	ug/l	88
43) Isopropyl Acetate	8.434	43	26377	24.324	ug/l #	1
45) 1,2-Dichloropropane	9.304	63	56723	44.064	ug/l	97
48) Methyl methacrylate	9.304	41	24336	47.877	ug/l #	20
52) Toluene	10.334	92	55838	15.145	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	62850	36.936	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	62190	30.260	ug/l	97
55) 1,1,2-Trichloroethane	10.728	97	47436	44.625	ug/l	94
59) 2-Hexanone	10.922	43	8685	21.123	ug/l	97
60) Dibromochloromethane	11.075	129	46214	32.076	ug/l	96
61) 1,2-Dibromoethane	11.181	107	21771	22.084	ug/l	95
64) Tetrachloroethene	10.810	164	28233	23.743	ug/l	97
65) Chlorobenzene	11.604	112	175569	43.881	ug/l	98
67) Ethyl Benzene	11.681	91	48961	7.481	ug/l	91
68) m/p-Xylenes	11.792	106	82623	31.181	ug/l	97
69) o-Xylene	12.122	106	81376	33.591	ug/l	99
70) Styrene	12.133	104	151674	35.607	ug/l	98
71) Bromoform	12.292	173	16244	21.443	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	34467	33.507	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	39483	58.268	ug/l #	100
78) n-propylbenzene	12.945	91	178966	26.898	ug/l #	52
79) 2-Chlorotoluene	12.945	91	178966	48.191	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	29332	84.577	ug/l #	19
82) 4-Chlorotoluene	12.945	91	178966	45.189	ug/l	100

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Quant Time: May 09 04:43:29 2024
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Quant Title : SW846 8260
QLast Update : Wed May 08 19:40:18 2024
Response via : Initial Calibration

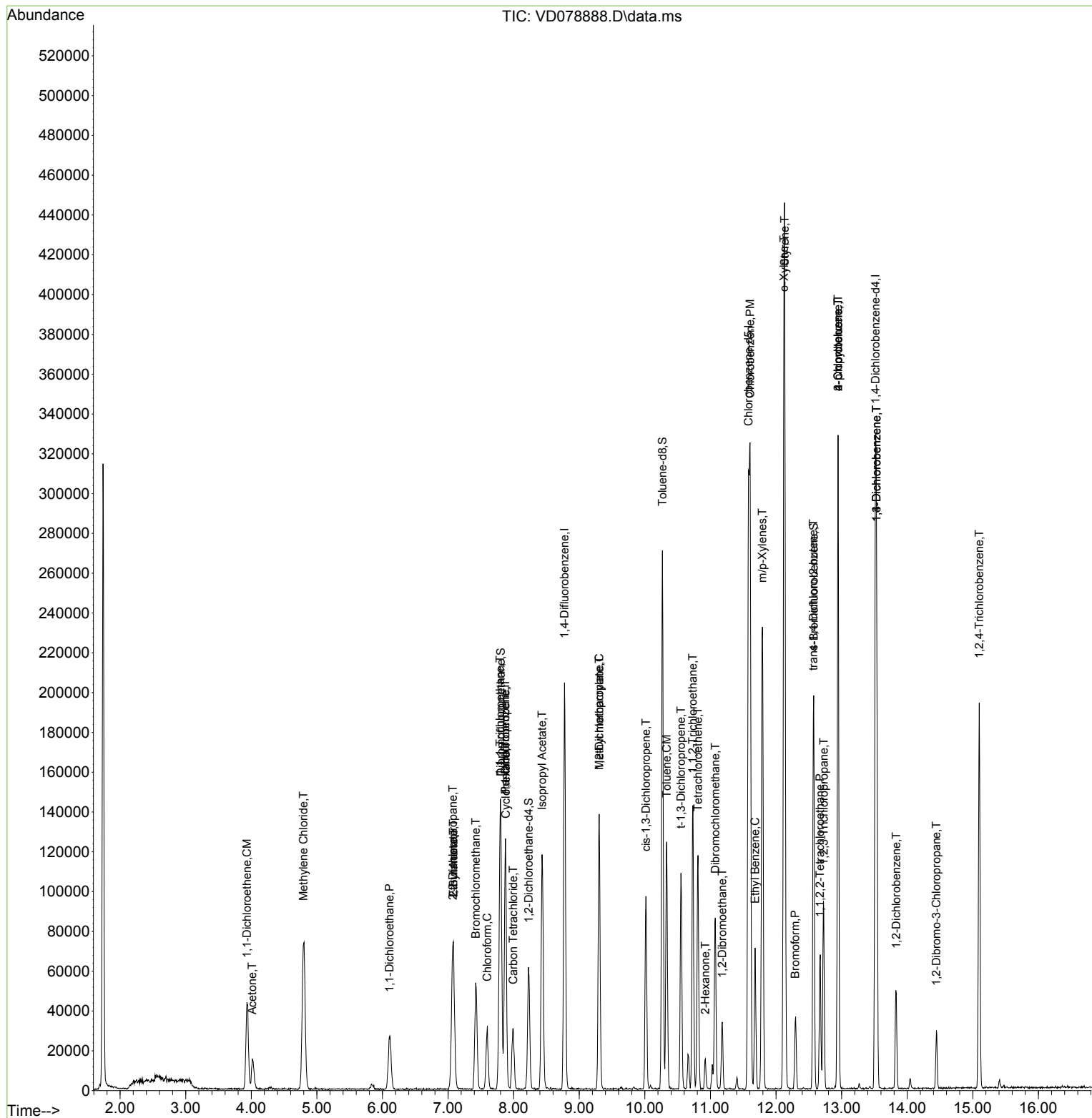
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	13.533	146	83458	28.252	ug/l	99
88) 1,4-Dichlorobenzene	13.533	146	83458	28.540	ug/l	98
91) 1,2-Dichlorobenzene	13.833	146	22656	8.961	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7133	50.934	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	63229	45.019	ug/l	98

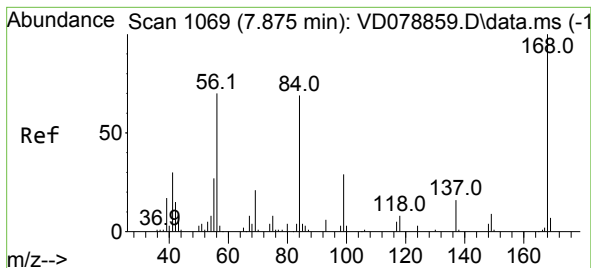
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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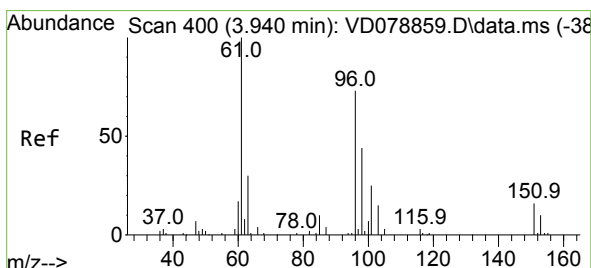
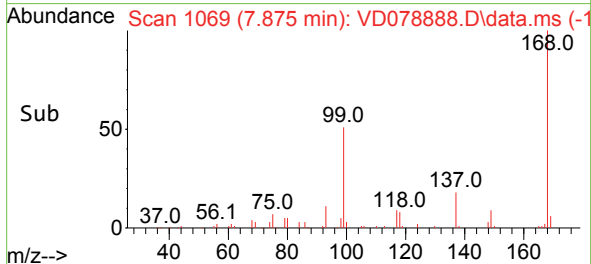
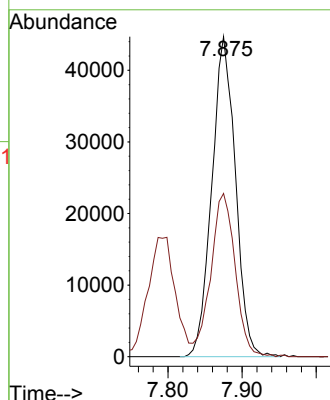
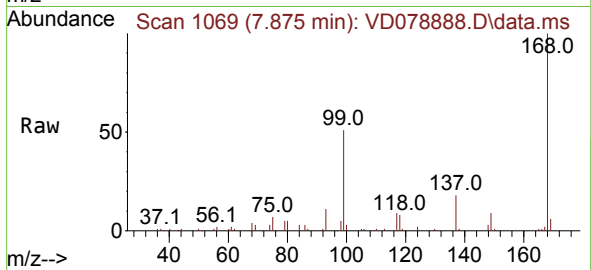




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078888.D
Acq: 08 May 2024 14:48

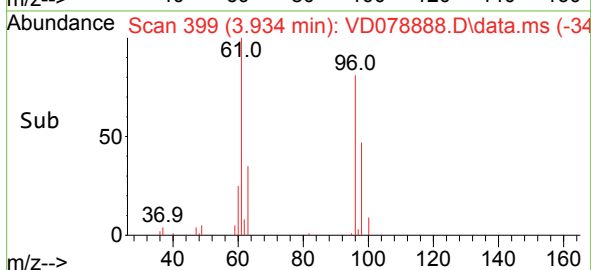
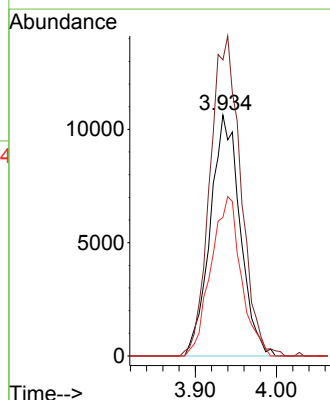
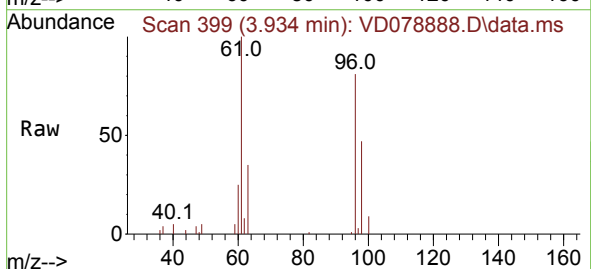
Instrument :
MSVOA_D
ClientSampleId :

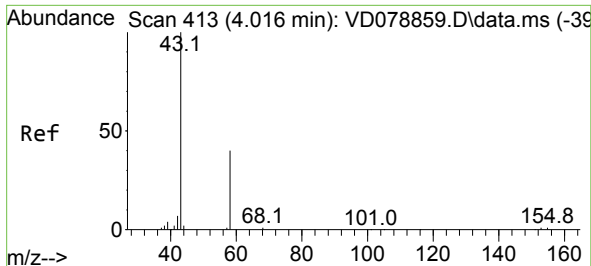
Tgt Ion:168 Resp: 98814
Ion Ratio Lower Upper
168 100
99 50.6 38.8 58.2



#12
1,1-Dichloroethene
Concen: 23.251 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD078888.D
Acq: 08 May 2024 14:48

Tgt Ion: 96 Resp: 27165
Ion Ratio Lower Upper
96 100
61 122.9 101.4 152.0
98 57.5 43.4 65.0

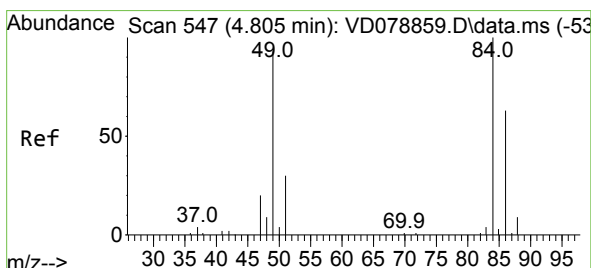
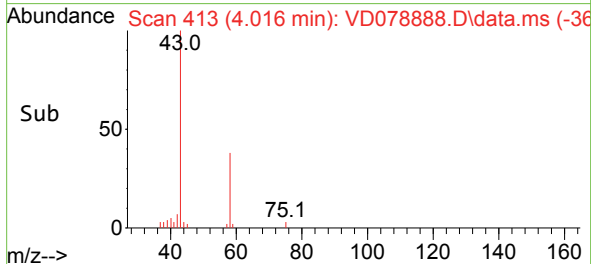
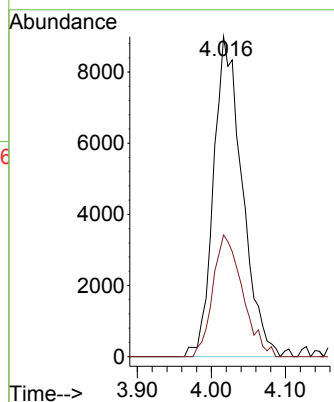
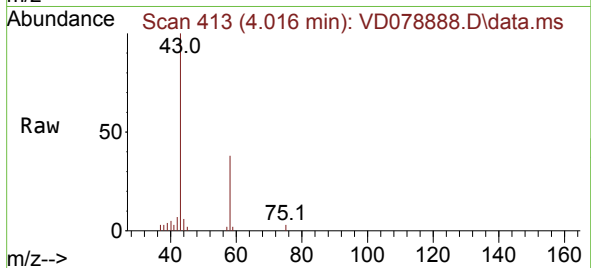




#16
Acetone
Concen: 148.036 ug/l
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD078888.D
Acq: 08 May 2024 14:48

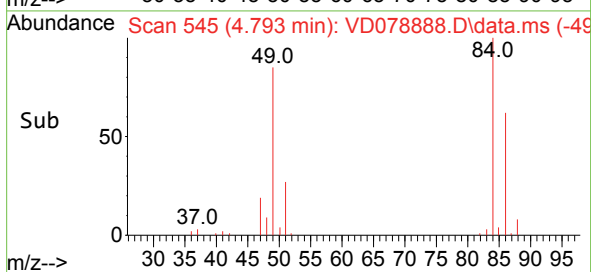
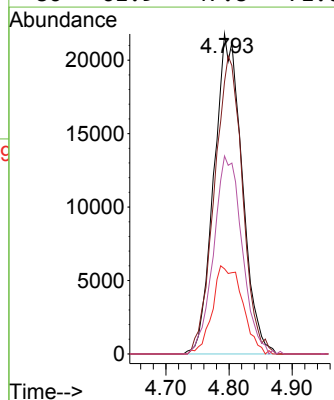
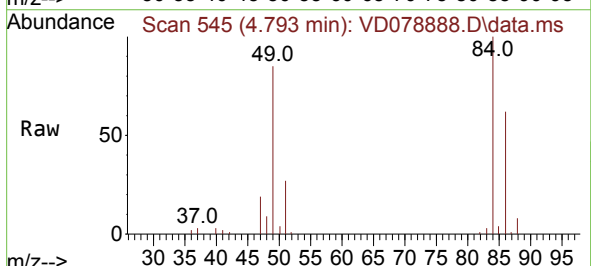
Instrument :
MSVOA_D
ClientSampleId :

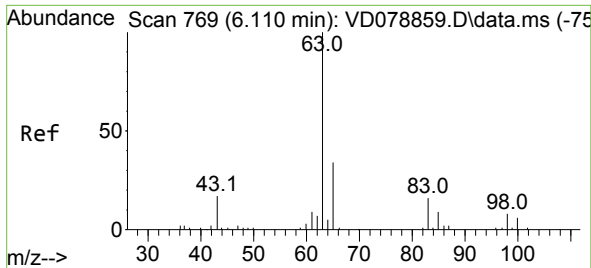
Tgt Ion: 43 Resp: 24212
Ion Ratio Lower Upper
43 100
58 38.1 28.2 42.4



#20
Methylene Chloride
Concen: 48.224 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.012 min
Lab File: VD078888.D
Acq: 08 May 2024 14:48

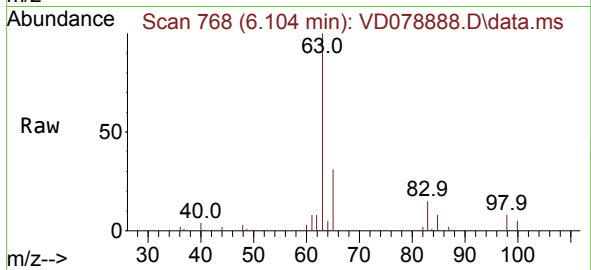
Tgt Ion: 84 Resp: 67509
Ion Ratio Lower Upper
84 100
49 85.1 75.6 113.4
51 26.6 23.4 35.0
86 61.9 47.8 71.6



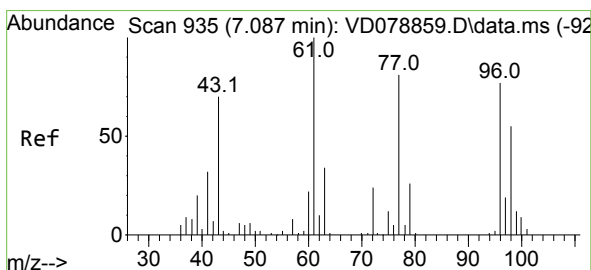
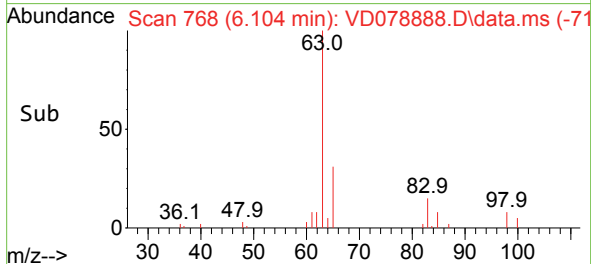
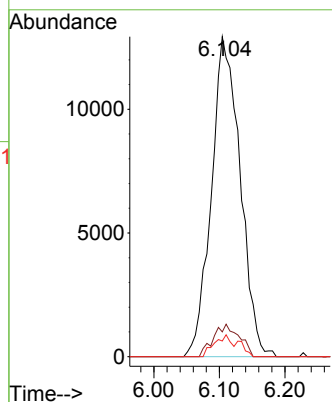


#24
1,1-Dichloroethane
Concen: 18.883 ug/l
RT: 6.104 min Scan# 71
Delta R.T. -0.006 min
Lab File: VD078888.D
Acq: 08 May 2024 14:48

Instrument :
MSVOA_D
ClientSampleId :

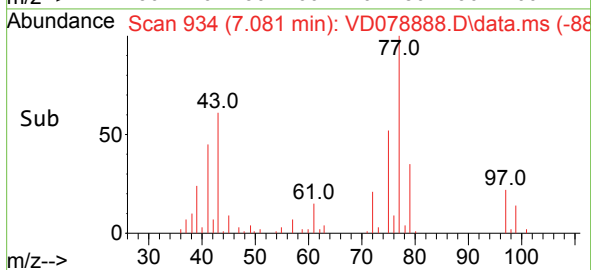
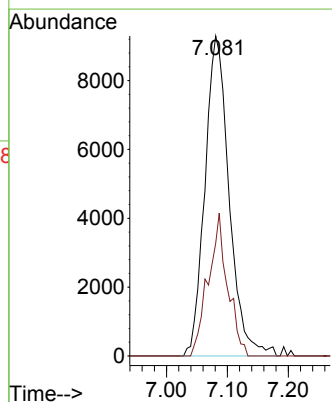
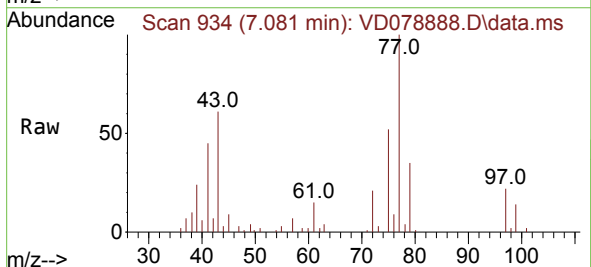


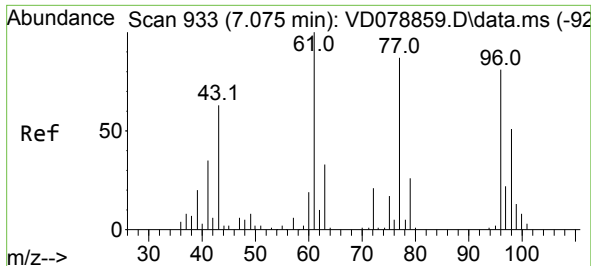
Tgt Ion: 63 Resp: 39425
Ion Ratio Lower Upper
63 100
98 7.7 4.0 11.9
100 4.9 2.7 8.1



#25
2-Butanone
Concen: 112.010 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.006 min
Lab File: VD078888.D
Acq: 08 May 2024 14:48

Tgt Ion: 43 Resp: 25692
Ion Ratio Lower Upper
43 100
72 35.3 25.0 37.6





#26

2,2-Dichloropropane

Concen: 28.204 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078888.D

Acq: 08 May 2024 14:48

Instrument :

MSVOA_D

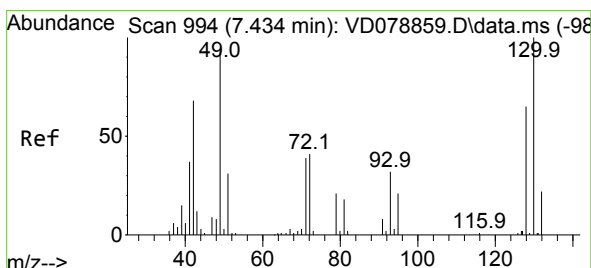
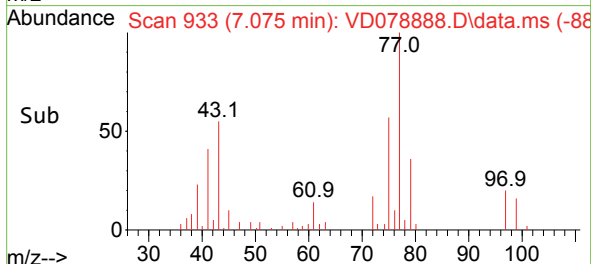
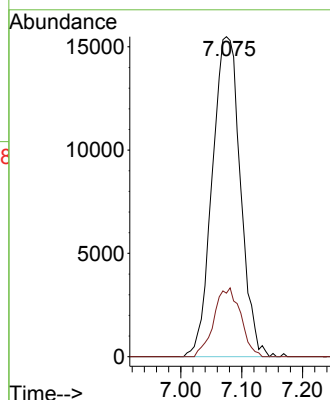
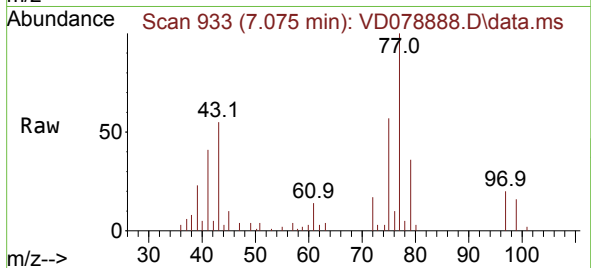
ClientSampleId :

Tgt Ion: 77 Resp: 49687

Ion Ratio Lower Upper

77 100

97 20.4 12.4 37.0



#28

Bromochloromethane

Concen: 34.628 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.012 min

Lab File: VD078888.D

Acq: 08 May 2024 14:48

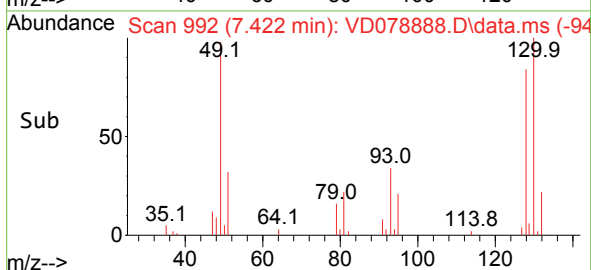
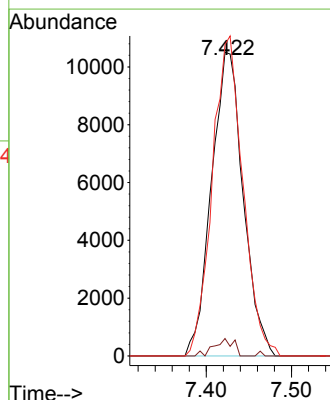
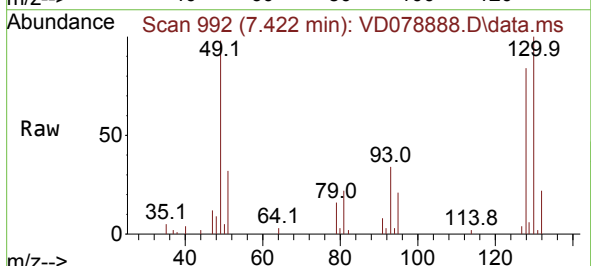
Tgt Ion: 49 Resp: 27201

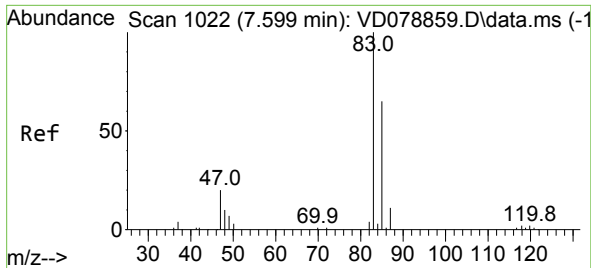
Ion Ratio Lower Upper

49 100

129 3.5 0.0 6.2

130 101.4 77.1 115.7

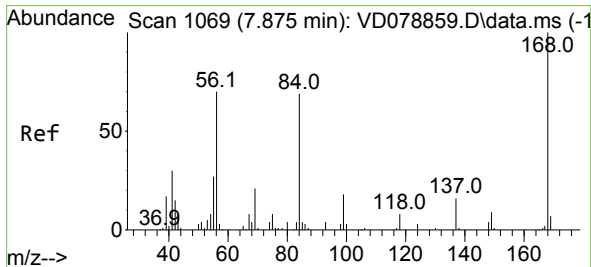
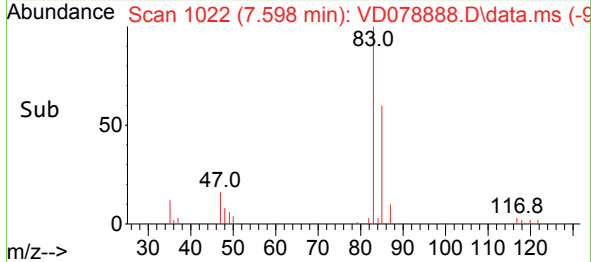
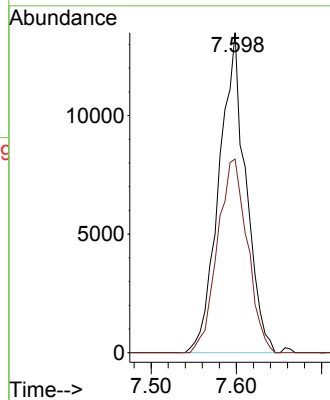
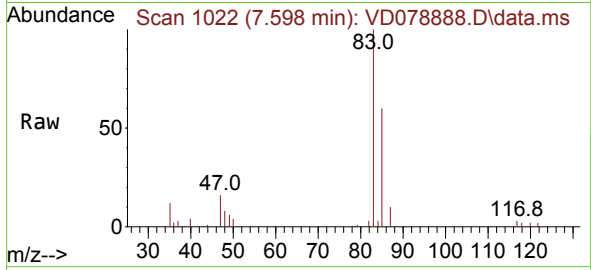




#30
Chloroform
Concen: 12.658 ug/l
RT: 7.598 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD078888.D
Acq: 08 May 2024 14:48

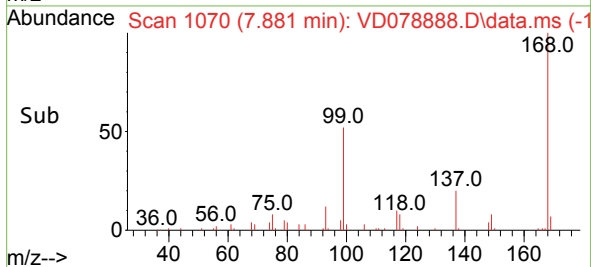
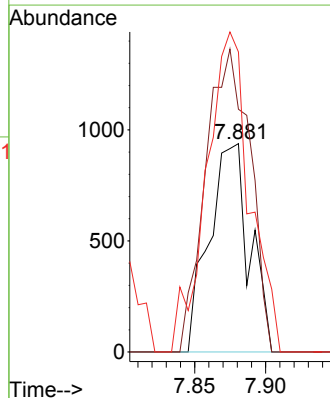
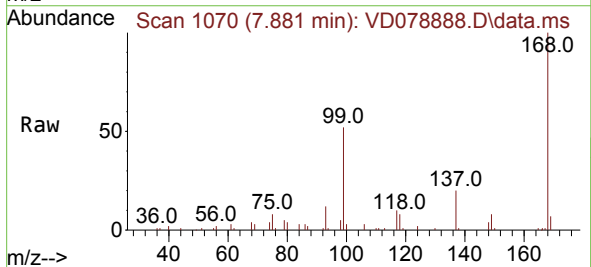
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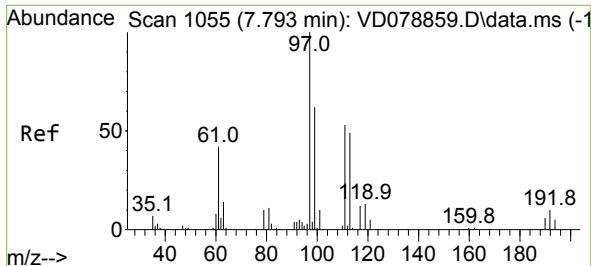
Tgt Ion: 83 Resp: 29492
Ion Ratio Lower Upper
83 100
85 60.5 51.2 76.8



#31
Cyclohexane
Concen: 1.140 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD078888.D
Acq: 08 May 2024 14:48

Tgt Ion: 56 Resp: 1856
Ion Ratio Lower Upper
56 100
69 116.5 26.6 40.0#
84 144.0 79.4 119.2#





#32

1,1,1-Trichloroethane

Concen: 34.706 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD078888.D

Acq: 08 May 2024 14:48

Instrument :

MSVOA_D

ClientSampleId :

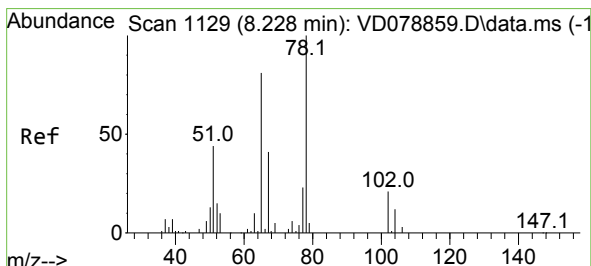
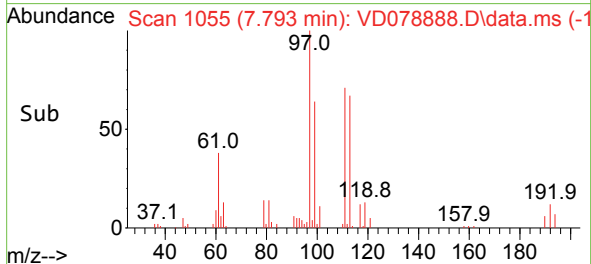
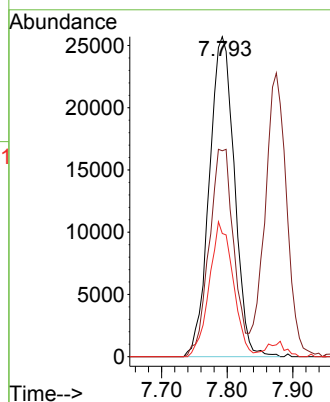
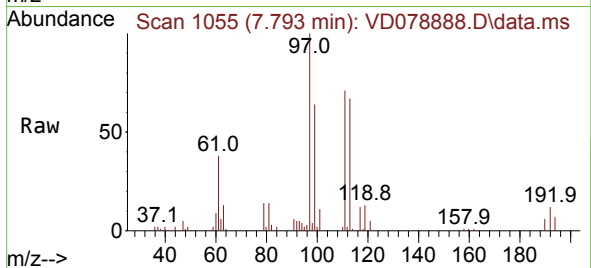
Tgt Ion: 97 Resp: 68199

Ion Ratio Lower Upper

97 100

99 63.9 50.8 76.2

61 40.1 33.0 49.6



#33

1,2-Dichloroethane-d4

Concen: 43.956 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD078888.D

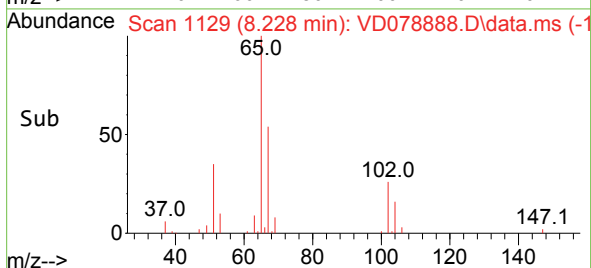
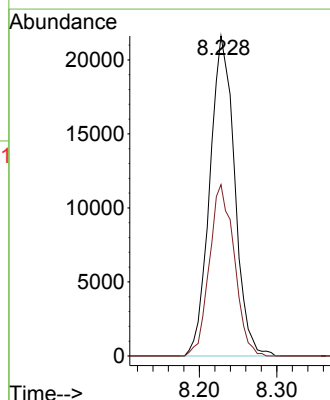
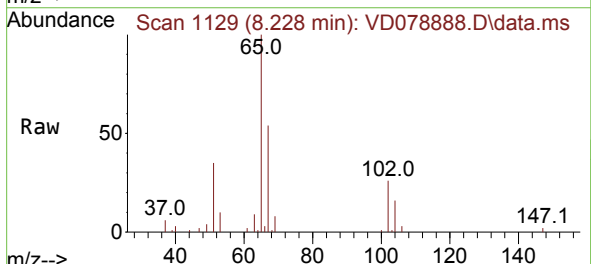
Acq: 08 May 2024 14:48

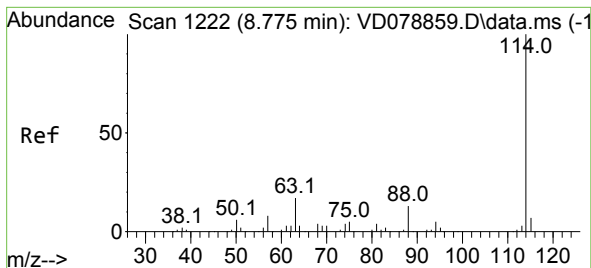
Tgt Ion: 65 Resp: 48211

Ion Ratio Lower Upper

65 100

67 53.5 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078888.D

Acq: 08 May 2024 14:48

Instrument :

MSVOA_D

ClientSampleId :

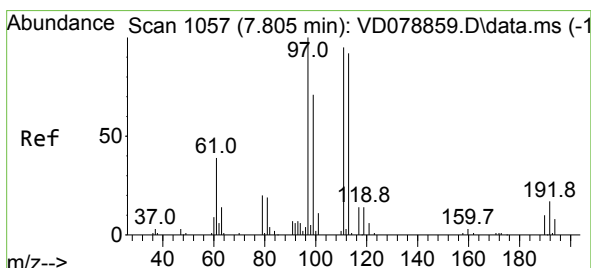
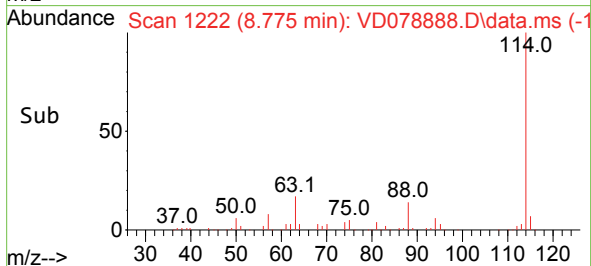
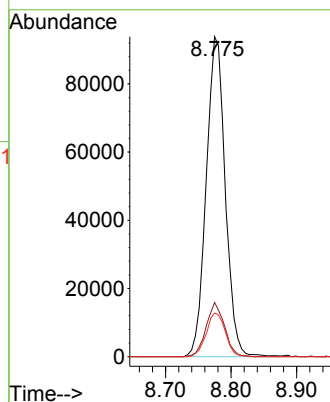
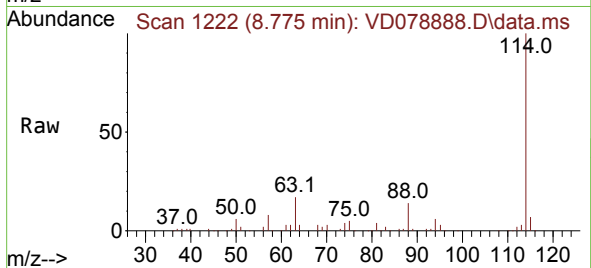
Tgt Ion:114 Resp: 189790

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.4

88 13.6 0.0 24.6



#35

Dibromofluoromethane

Concen: 40.952 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078888.D

Acq: 08 May 2024 14:48

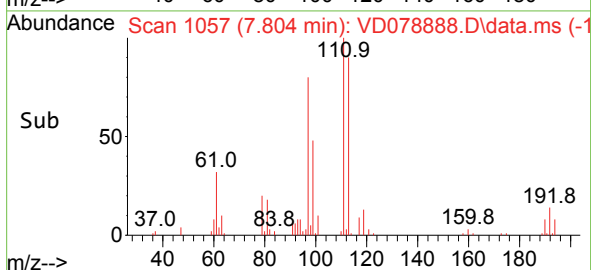
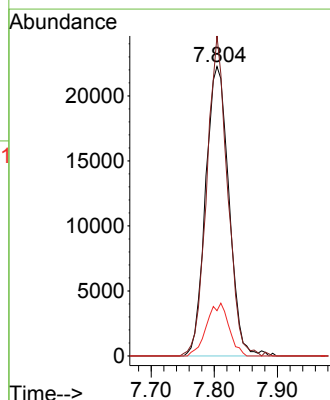
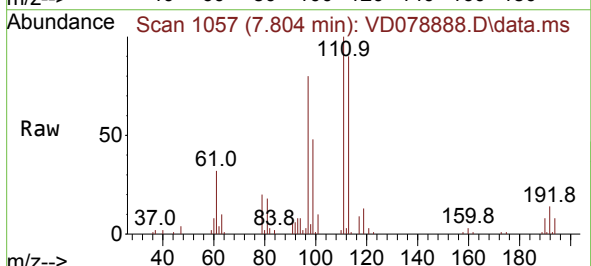
Tgt Ion:113 Resp: 57067

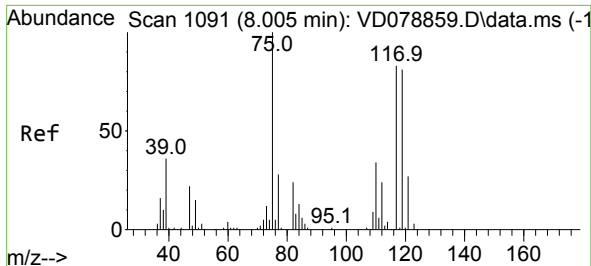
Ion Ratio Lower Upper

113 100

111 98.5 81.9 122.9

192 17.6 15.4 23.0





#36

1,1-Dichloropropene

Concen: 3.938 ug/l

RT: 7.875 min Scan# 1091

Delta R.T. -0.130 min

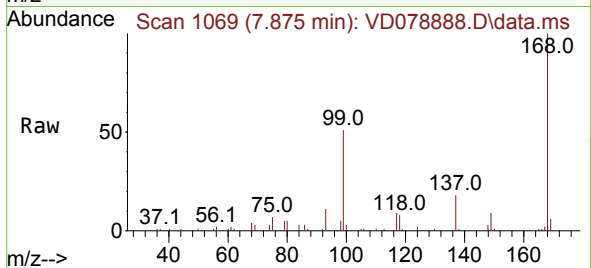
Lab File: VD078888.D

Acq: 08 May 2024 14:48

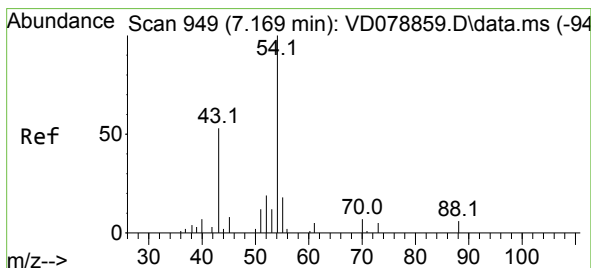
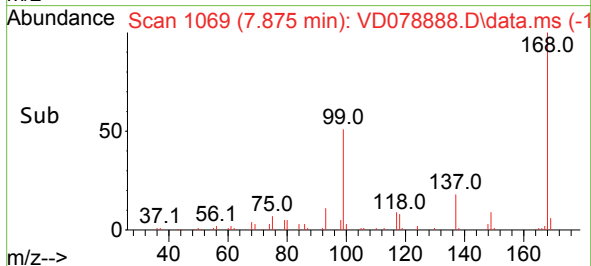
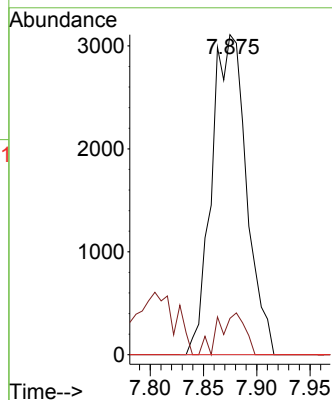
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	75	Resp:	7058
Ion Ratio	Lower	Upper	
75	100		
110	10.0	19.1	57.1#
77	0.0	25.4	38.2#



#37

Ethyl Acetate

Concen: 43.336 ug/l

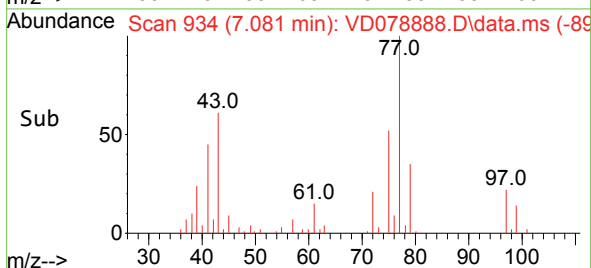
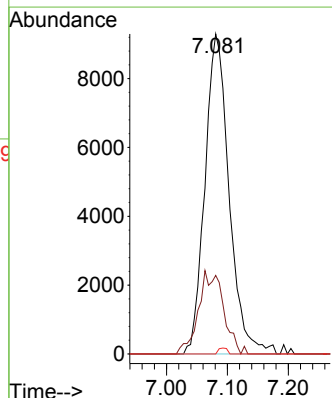
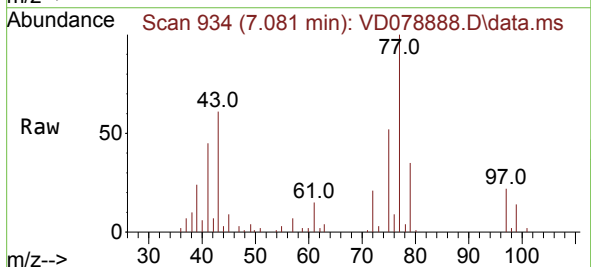
RT: 7.081 min Scan# 934

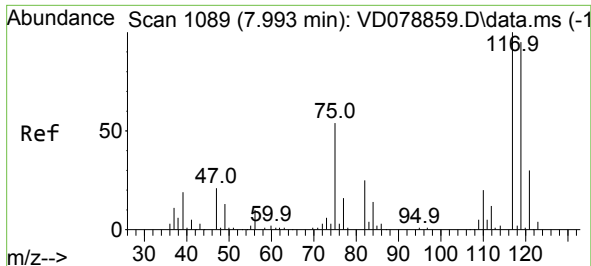
Delta R.T. -0.088 min

Lab File: VD078888.D

Acq: 08 May 2024 14:48

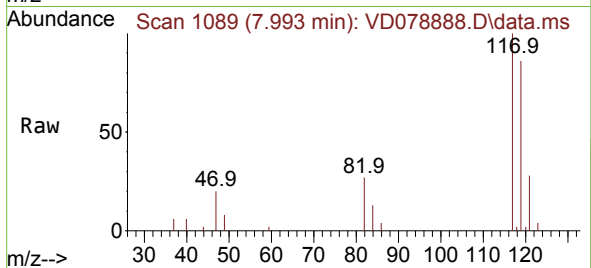
Tgt Ion:	43	Resp:	25692
Ion Ratio	Lower	Upper	
43	100		
61	0.0	14.6	21.8#
70	0.7	9.4	14.0#



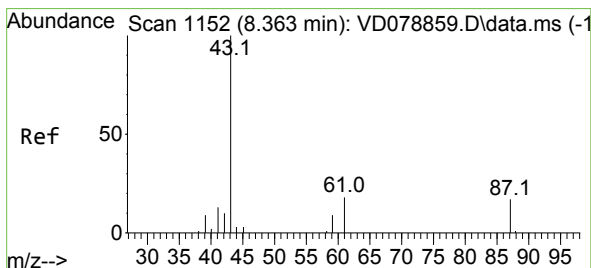
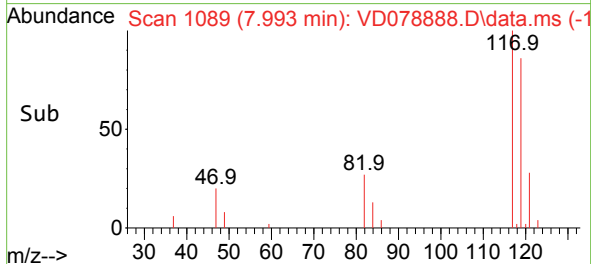
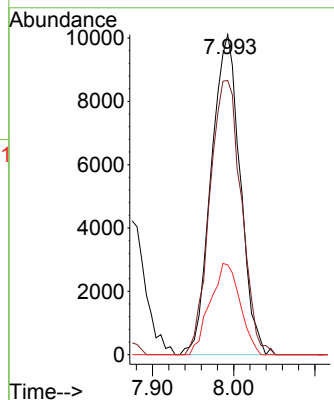


#38
Carbon Tetrachloride
Concen: 12.133 ug/l
RT: 7.993 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VD078888.D
Acq: 08 May 2024 14:48

Instrument :
MSVOA_D
ClientSampleId :

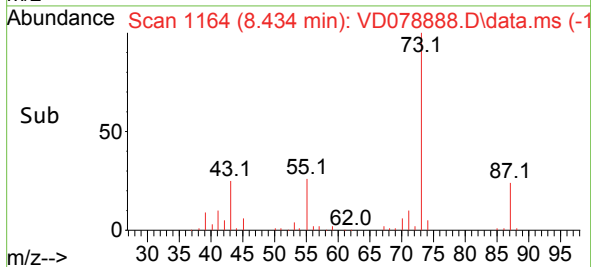
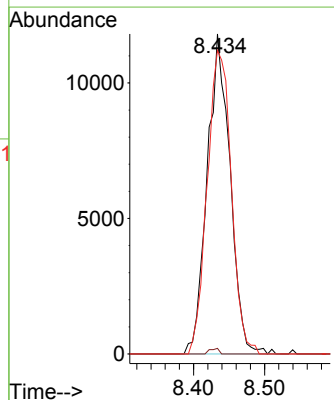
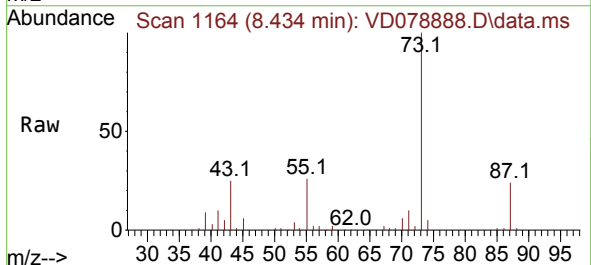


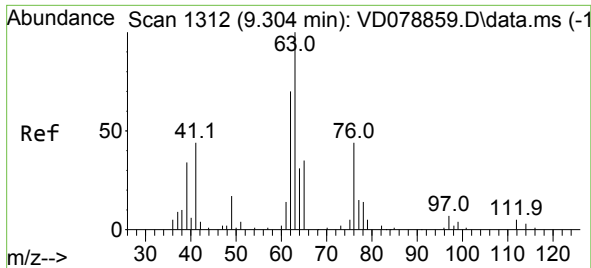
Tgt Ion:	117	Resp:	25034
Ion	Ratio	Lower	Upper
117	100		
119	85.7	79.2	118.8
121	28.1	26.8	40.2



#43
Isopropyl Acetate
Concen: 24.324 ug/l
RT: 8.434 min Scan# 1164
Delta R.T. 0.070 min
Lab File: VD078888.D
Acq: 08 May 2024 14:48

Tgt Ion:	43	Resp:	26377
Ion	Ratio	Lower	Upper
43	100		
61	0.7	30.1	45.1#
87	100.1	14.4	21.6#

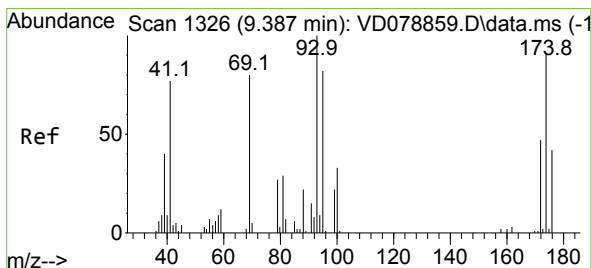
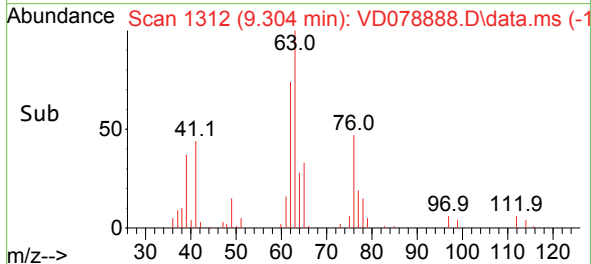
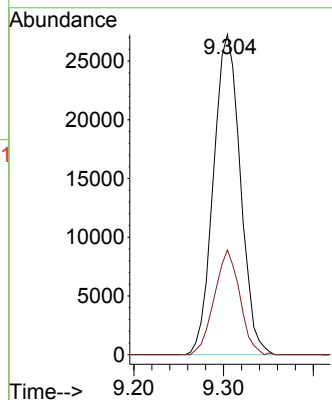
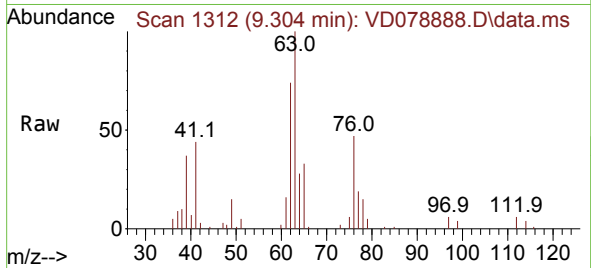




#45
1,2-Dichloropropane
Concen: 44.064 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD078888.D
Acq: 08 May 2024 14:48

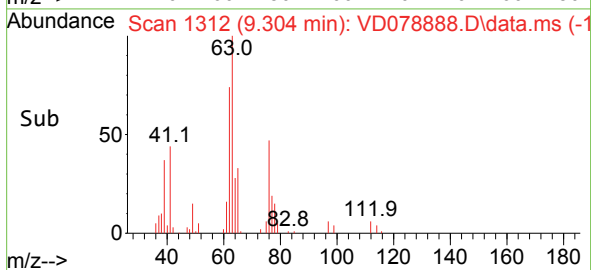
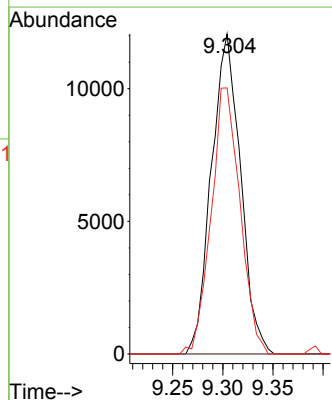
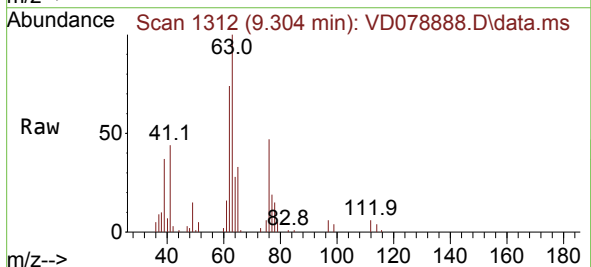
Instrument :
MSVOA_D
ClientSampleId :

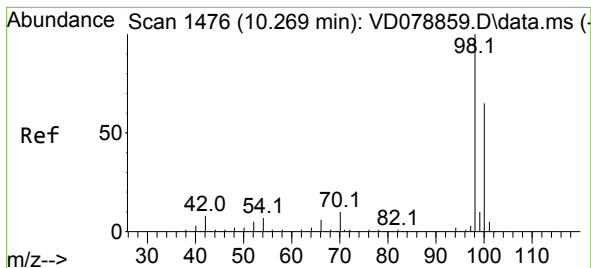
Tgt Ion: 63 Resp: 56723
Ion Ratio Lower Upper
63 100
65 32.8 24.8 37.2



#48
Methyl methacrylate
Concen: 47.877 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. -0.083 min
Lab File: VD078888.D
Acq: 08 May 2024 14:48

Tgt Ion: 41 Resp: 24336
Ion Ratio Lower Upper
41 100
69 0.0 88.3 132.5#
39 82.7 46.6 69.8#





#50

Toluene-d8

Concen: 35.785 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078888.D

Acq: 08 May 2024 14:48

Instrument :

MSVOA_D

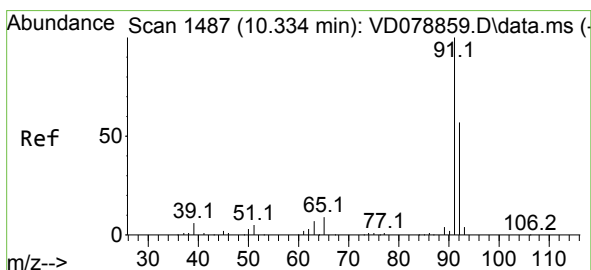
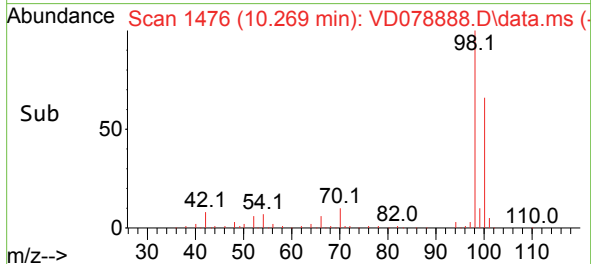
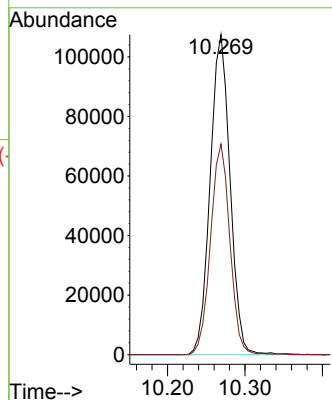
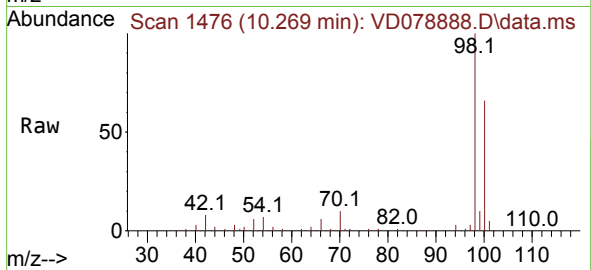
ClientSampleId :

Tgt Ion: 98 Resp: 191371

Ion Ratio Lower Upper

98 100

100 64.1 50.5 75.7



#52

Toluene

Concen: 15.145 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD078888.D

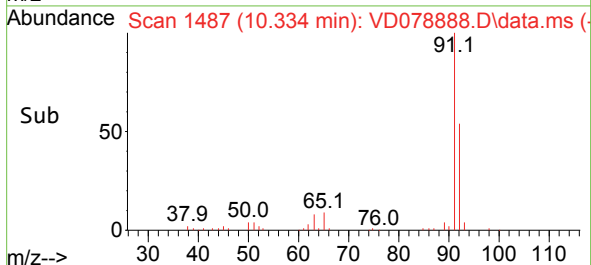
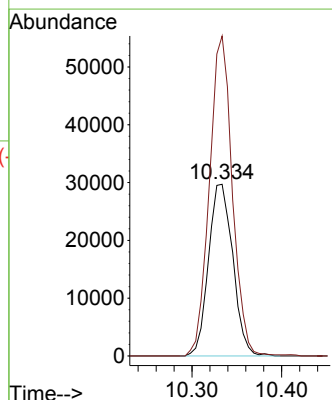
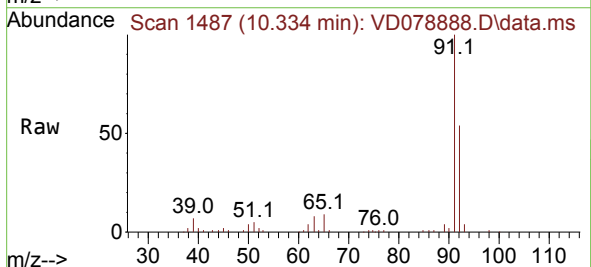
Acq: 08 May 2024 14:48

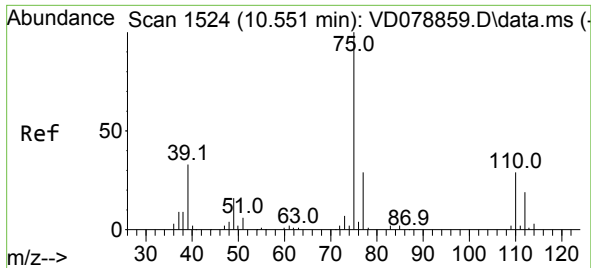
Tgt Ion: 92 Resp: 55838

Ion Ratio Lower Upper

92 100

91 175.8 136.6 205.0

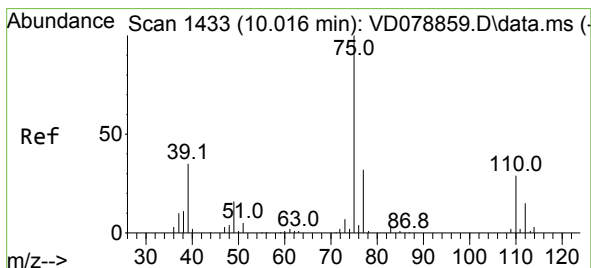
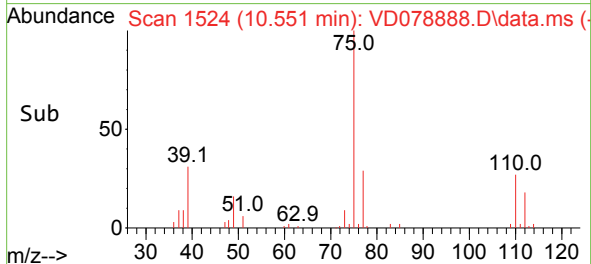
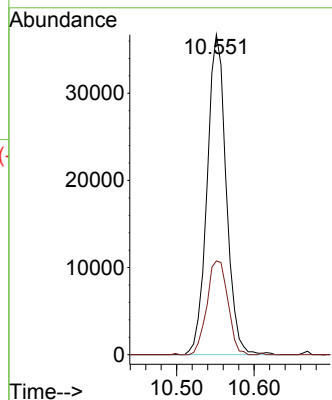
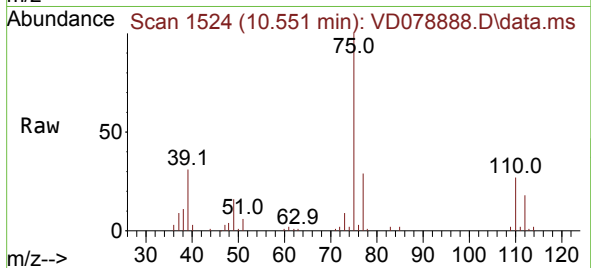




#53
t-1,3-Dichloropropene
Concen: 36.936 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD078888.D
Acq: 08 May 2024 14:48

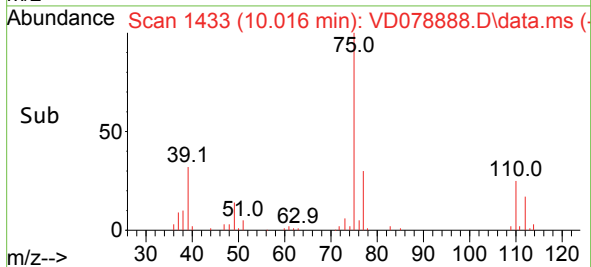
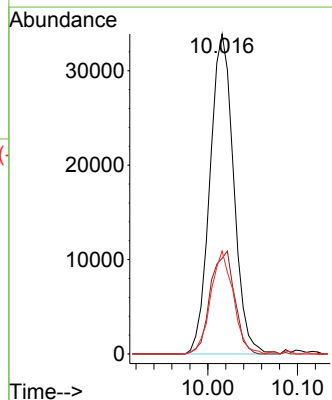
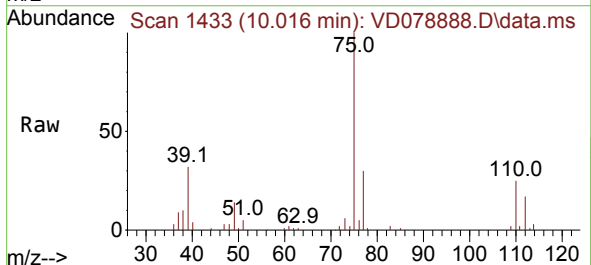
Instrument :
MSVOA_D
ClientSampleId :

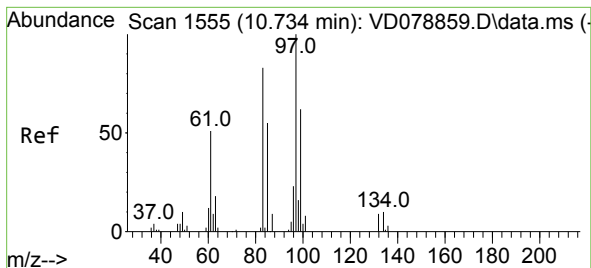
Tgt Ion: 75 Resp: 62850
Ion Ratio Lower Upper
75 100
77 29.3 27.1 40.7



#54
cis-1,3-Dichloropropene
Concen: 30.260 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078888.D
Acq: 08 May 2024 14:48

Tgt Ion: 75 Resp: 62190
Ion Ratio Lower Upper
75 100
77 29.9 25.4 38.0
39 32.2 26.7 40.1

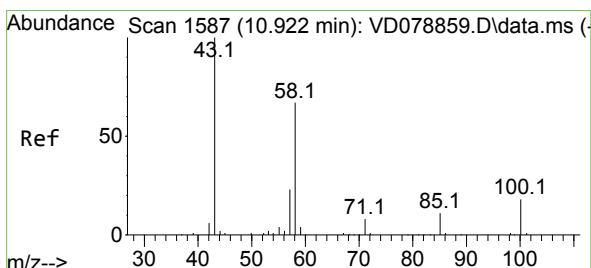
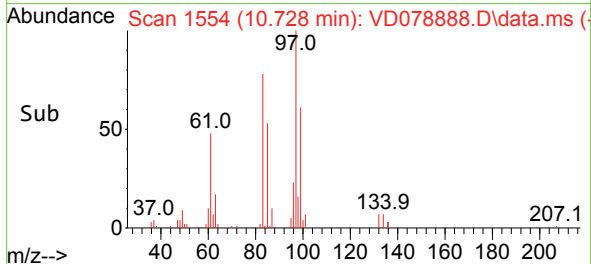
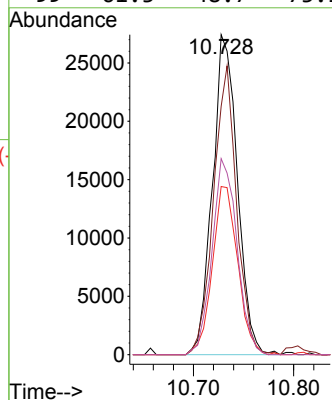
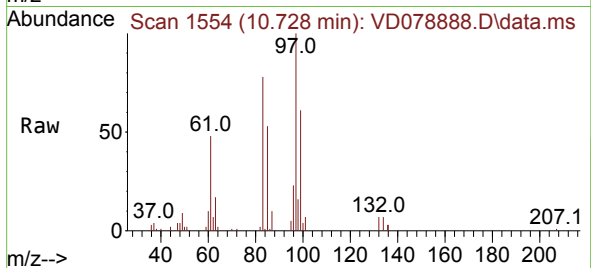




#55
1,1,2-Trichloroethane
Concen: 44.625 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD078888.D
Acq: 08 May 2024 14:48

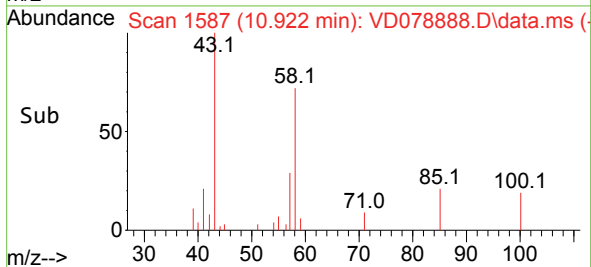
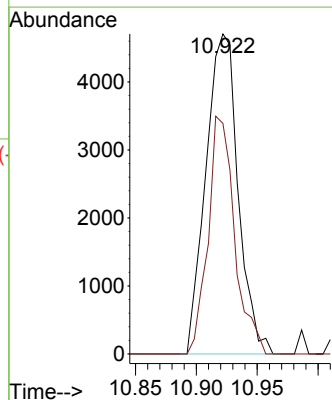
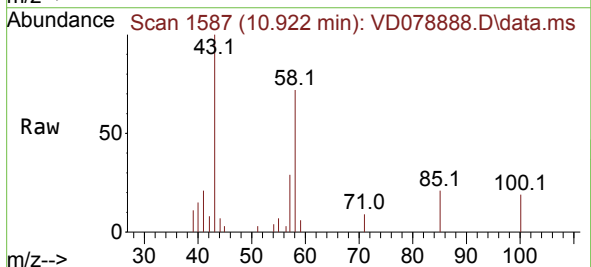
Instrument :
MSVOA_D
ClientSampleId :

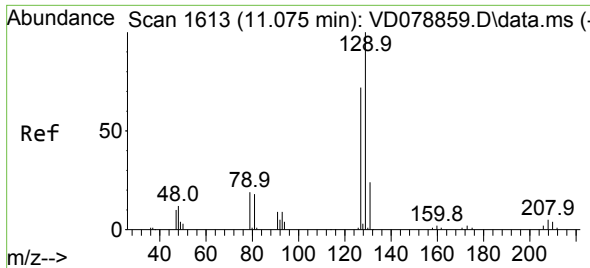
Tgt Ion:	97	Resp:	47436
Ion	Ratio	Lower	Upper
97	100		
83	77.6	68.1	102.1
85	52.5	48.2	72.2
99	61.3	48.7	73.1



#59
2-Hexanone
Concen: 21.123 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078888.D
Acq: 08 May 2024 14:48

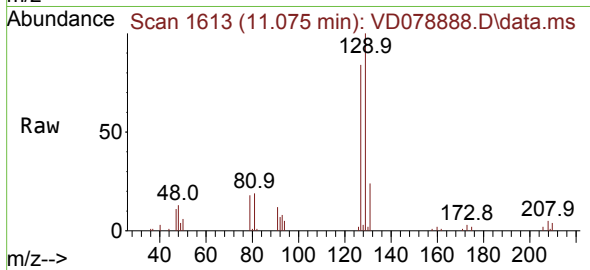
Tgt Ion:	43	Resp:	8685
Ion	Ratio	Lower	Upper
43	100		
58	61.0	31.5	94.5



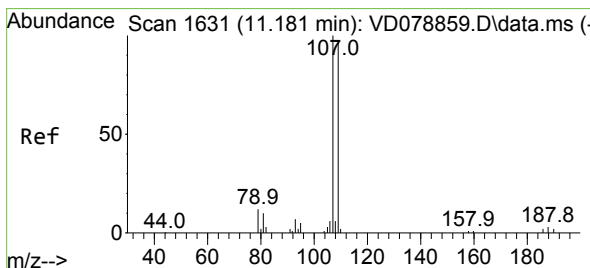
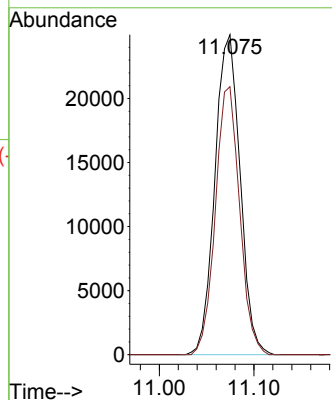
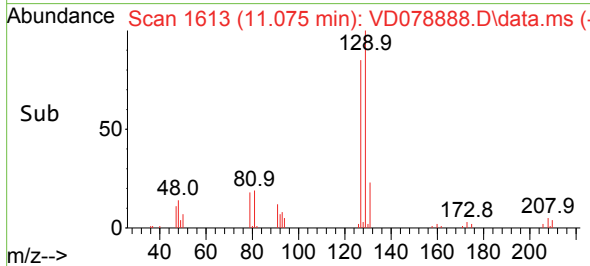


#60
Dibromochloromethane
Concen: 32.076 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078888.D
Acq: 08 May 2024 14:48

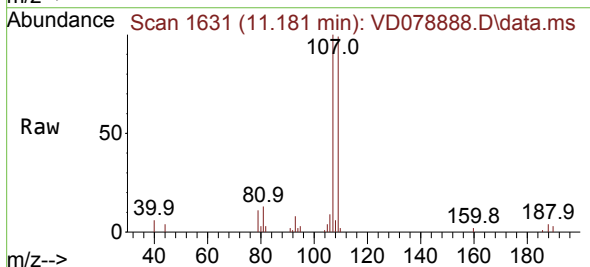
Instrument :
MSVOA_D
ClientSampleId :



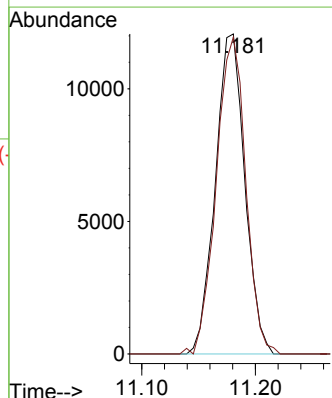
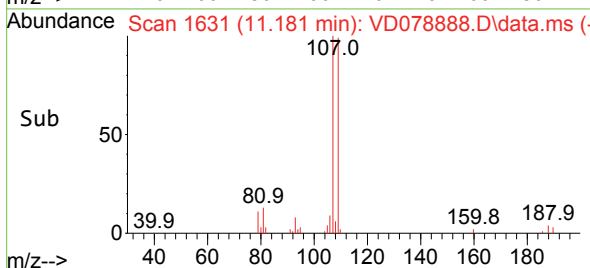
Tgt Ion:129 Resp: 46214
Ion Ratio Lower Upper
129 100
127 80.6 38.8 116.3

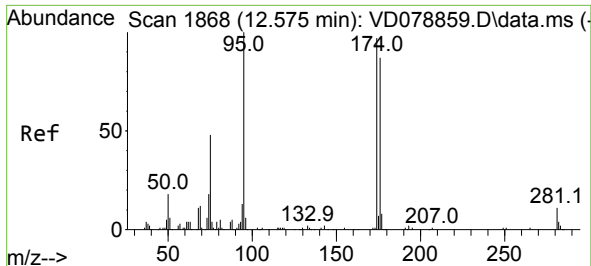


#61
1,2-Dibromoethane
Concen: 22.084 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078888.D
Acq: 08 May 2024 14:48



Tgt Ion:107 Resp: 21771
Ion Ratio Lower Upper
107 100
109 98.8 74.8 112.2

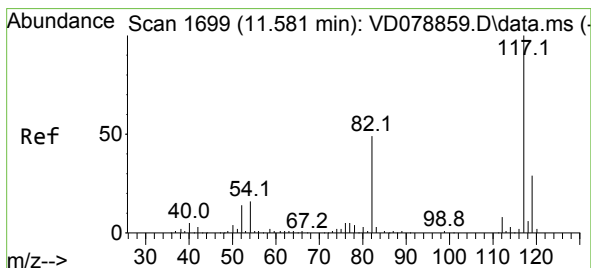
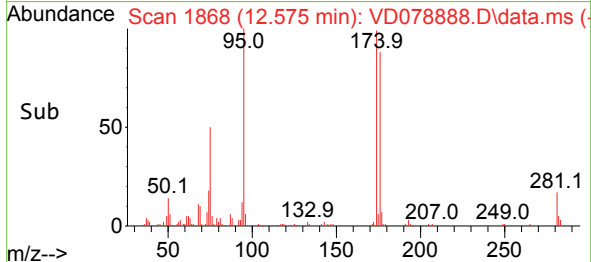
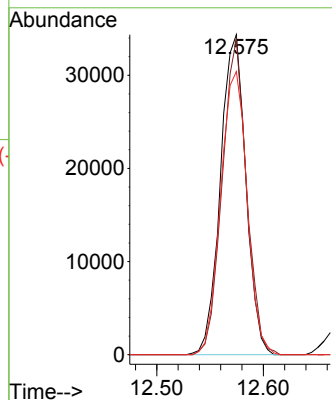
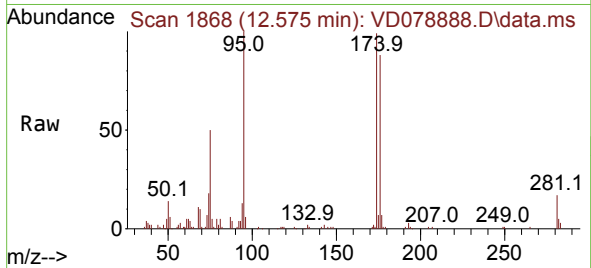




#62
4-Bromofluorobenzene
Concen: 37.125 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078888.D
Acq: 08 May 2024 14:48

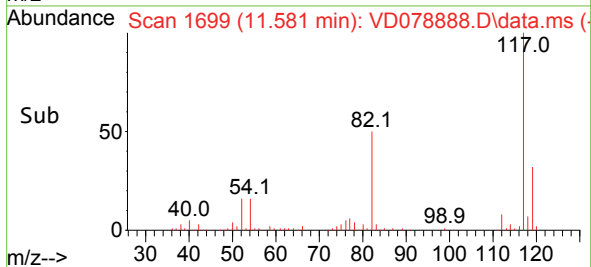
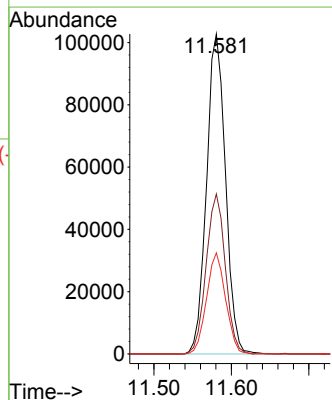
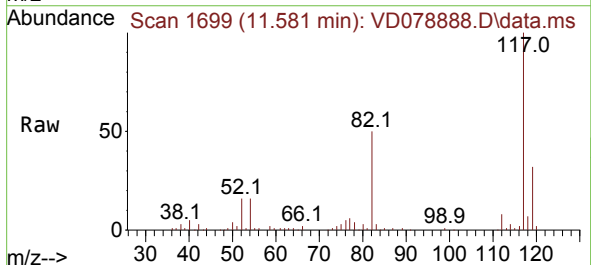
Instrument :
MSVOA_D
ClientSampleId :

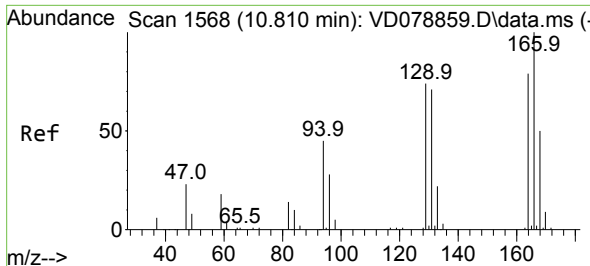
Tgt Ion: 95 Resp: 56820
Ion Ratio Lower Upper
95 100
174 94.5 0.0 195.2
176 92.0 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078888.D
Acq: 08 May 2024 14:48

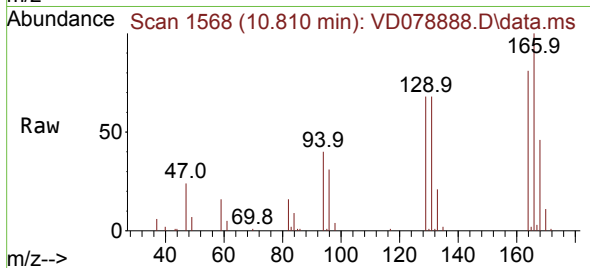
Tgt Ion: 117 Resp: 174337
Ion Ratio Lower Upper
117 100
82 50.0 41.4 62.2
119 31.6 26.5 39.7



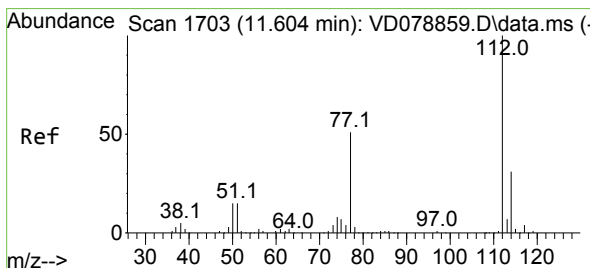
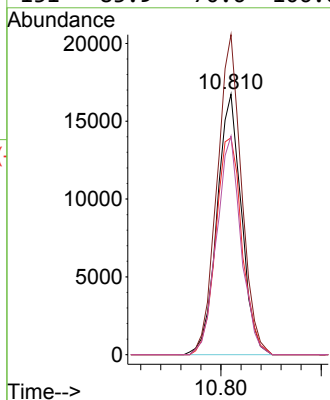
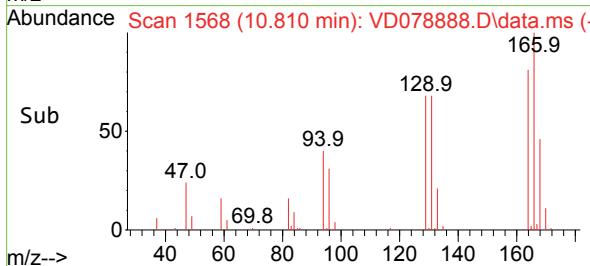


#64
Tetrachloroethene
Concen: 23.743 ug/l
RT: 10.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078888.D
Acq: 08 May 2024 14:48

Instrument :
MSVOA_D
ClientSampleId :

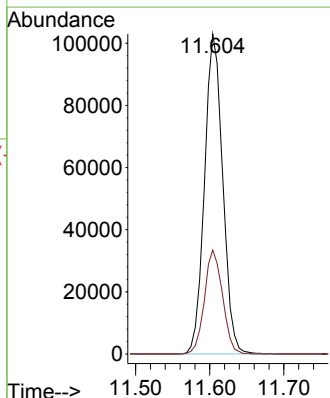
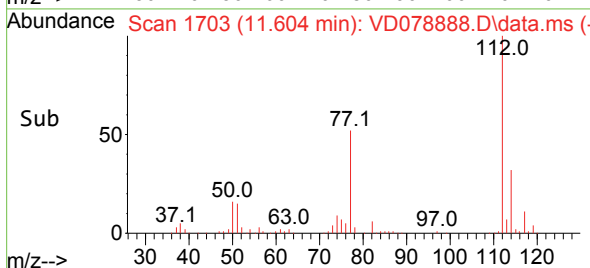
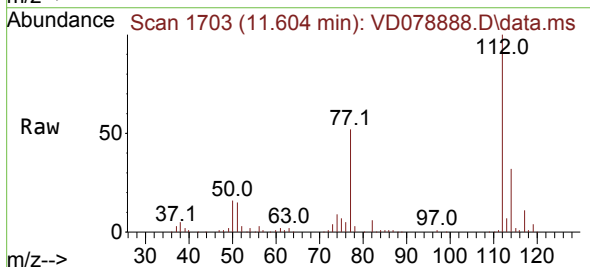


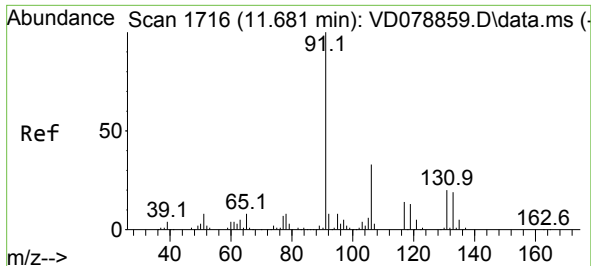
Tgt Ion:164 Resp: 28233
Ion Ratio Lower Upper
164 100
166 122.8 98.9 148.3
129 83.3 70.3 105.5
131 83.9 70.6 106.0



#65
Chlorobenzene
Concen: 43.881 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD078888.D
Acq: 08 May 2024 14:48

Tgt Ion:112 Resp: 175569
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.6

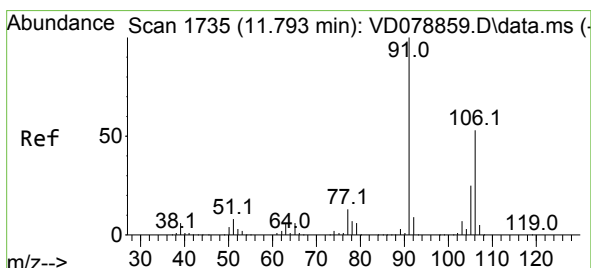
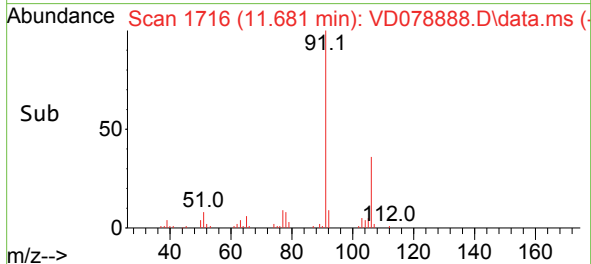
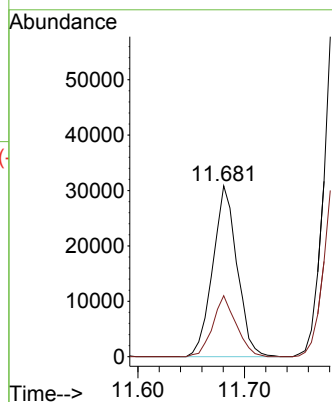
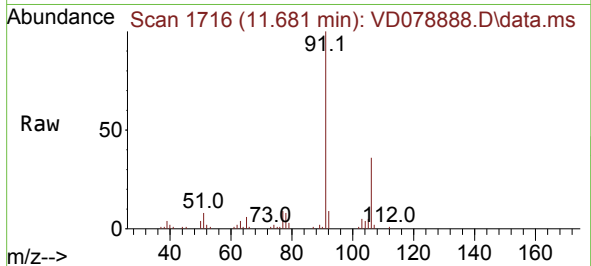




#67
Ethyl Benzene
Concen: 7.481 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078888.D
Acq: 08 May 2024 14:48

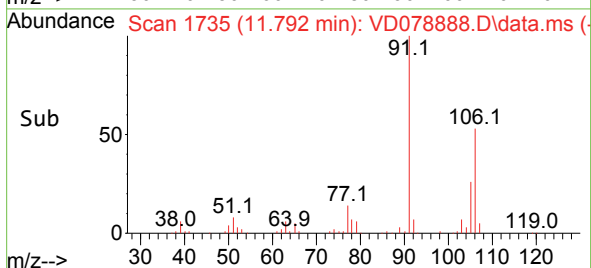
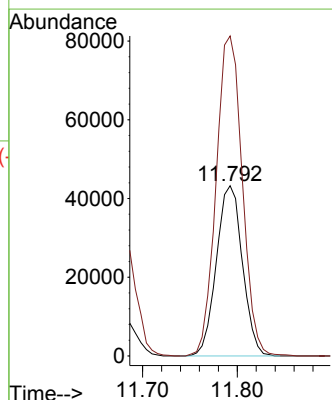
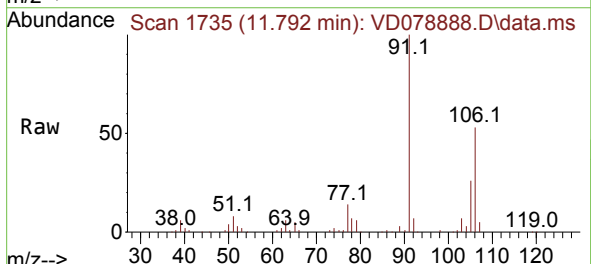
Instrument :
MSVOA_D
ClientSampleId :

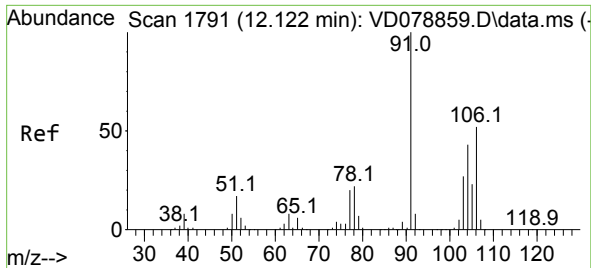
Tgt Ion: 91 Resp: 48961
Ion Ratio Lower Upper
91 100
106 35.6 24.5 36.7



#68
m/p-Xylenes
Concen: 31.181 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078888.D
Acq: 08 May 2024 14:48

Tgt Ion: 106 Resp: 82623
Ion Ratio Lower Upper
106 100
91 188.9 154.4 231.6

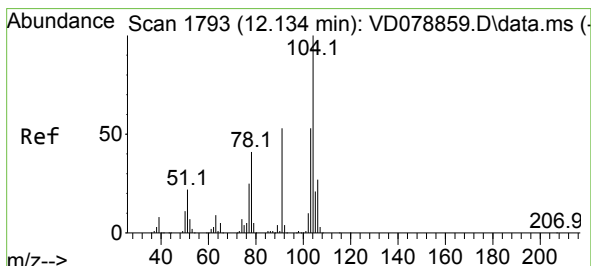
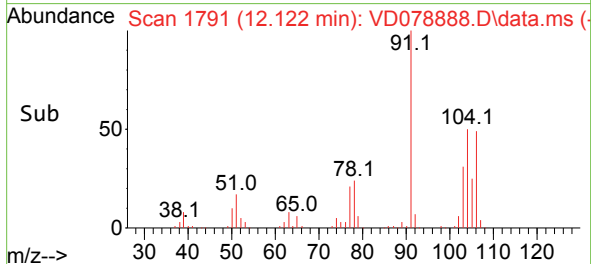
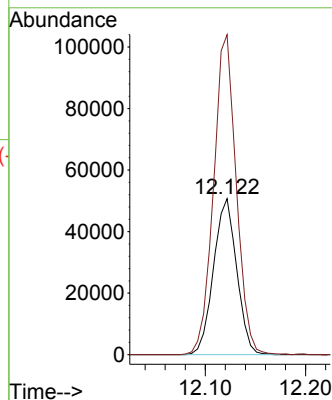
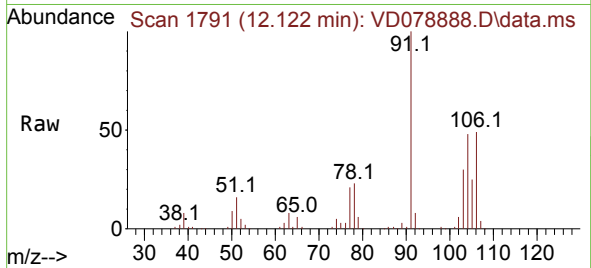




#69
o-Xylene
Concen: 33.591 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078888.D
Acq: 08 May 2024 14:48

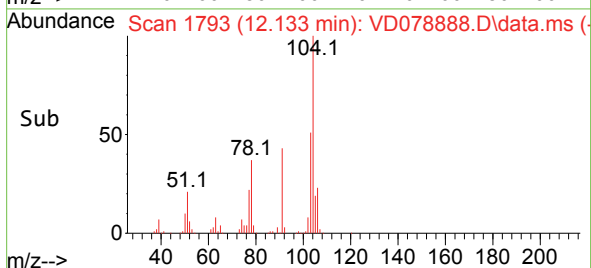
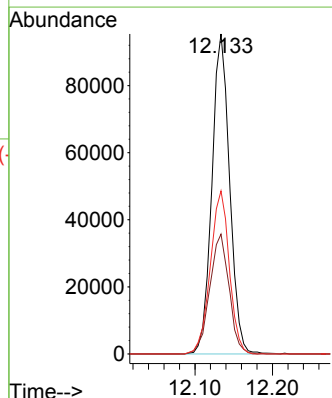
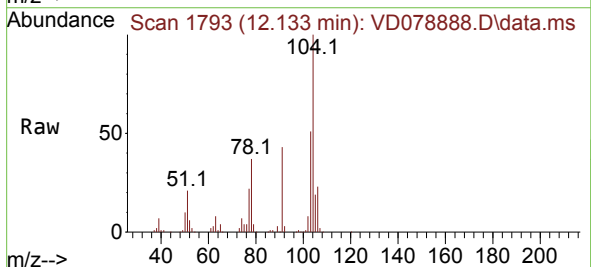
Instrument :
MSVOA_D
ClientSampleId :

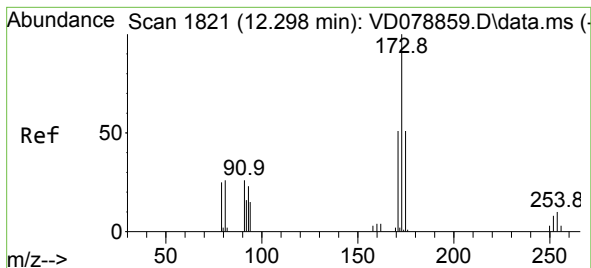
Tgt Ion:106 Resp: 81376
Ion Ratio Lower Upper
106 100
91 201.0 99.6 298.7



#70
Styrene
Concen: 35.607 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078888.D
Acq: 08 May 2024 14:48

Tgt Ion:104 Resp: 151674
Ion Ratio Lower Upper
104 100
78 40.8 34.6 52.0
103 54.4 44.2 66.2





#71

Bromoform

Concen: 21.443 ug/l

RT: 12.292 min Scan# 1821

Delta R.T. -0.006 min

Lab File: VD078888.D

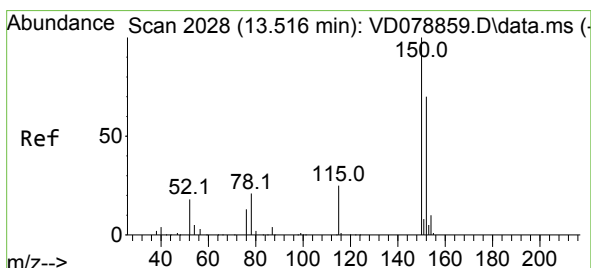
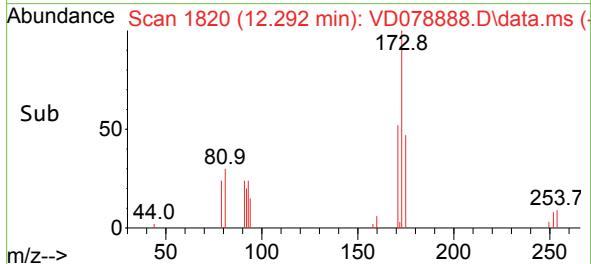
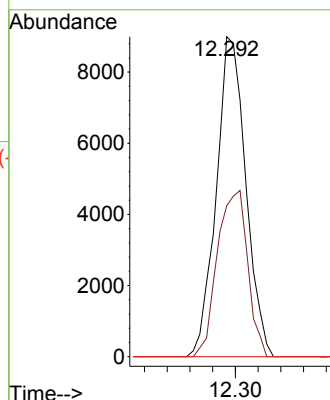
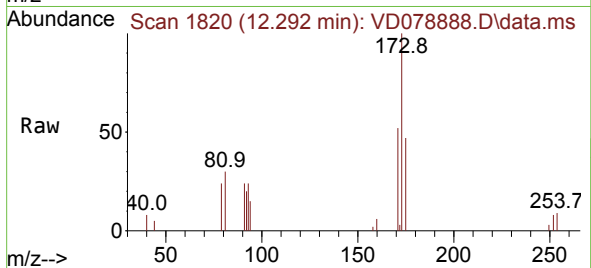
Acq: 08 May 2024 14:48

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	16244
Ion Ratio	Lower	Upper
173	100	
175	53.1	25.8 77.4
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

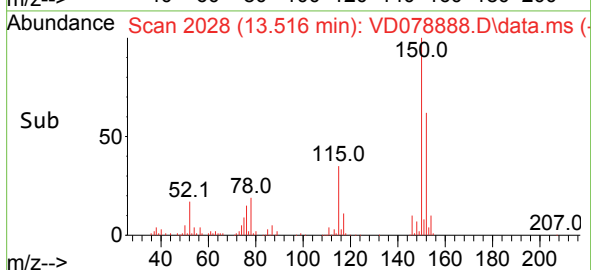
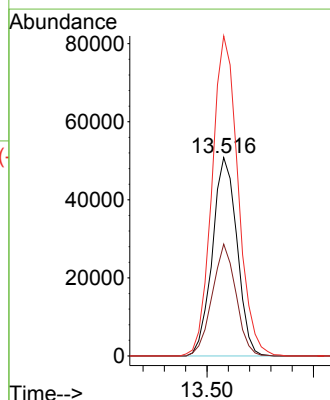
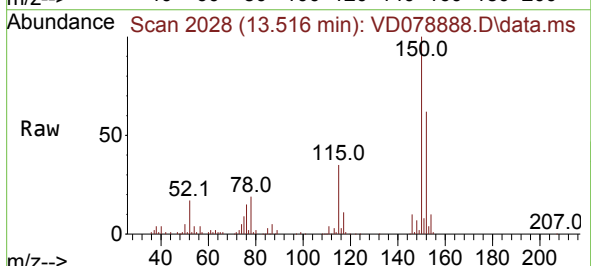
RT: 13.516 min Scan# 2028

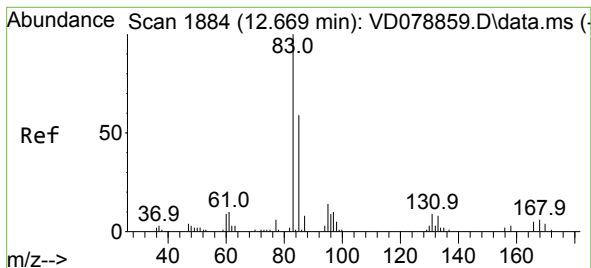
Delta R.T. -0.000 min

Lab File: VD078888.D

Acq: 08 May 2024 14:48

Tgt Ion:152	Resp:	81449
Ion Ratio	Lower	Upper
152	100	
115	54.5	27.1 81.2
150	170.6	0.0 350.2

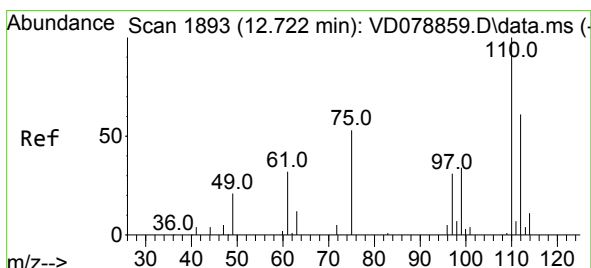
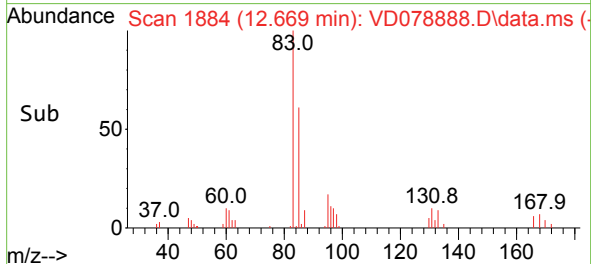
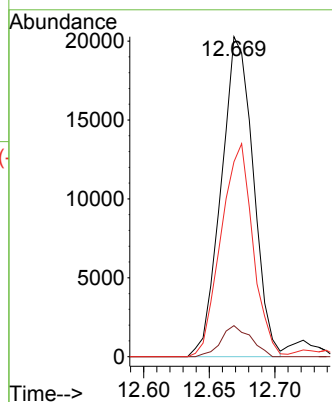
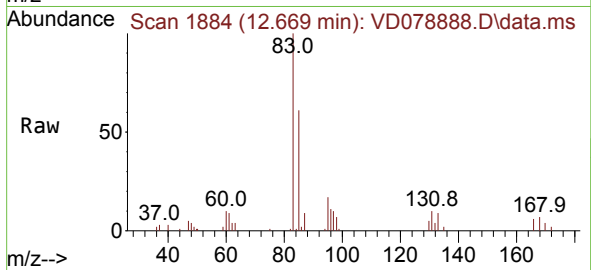




#75
1,1,2,2-Tetrachloroethane
Concen: 33.507 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD078888.D
Acq: 08 May 2024 14:48

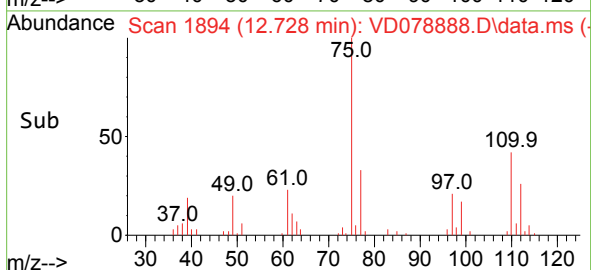
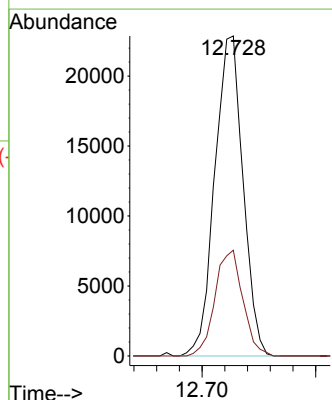
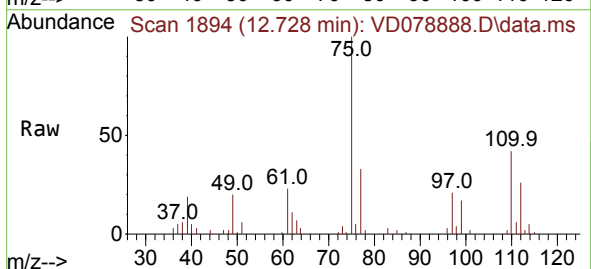
Instrument :
MSVOA_D
ClientSampleId :

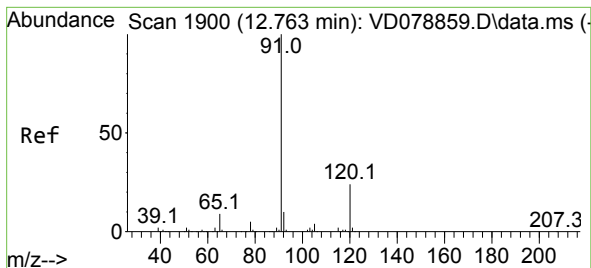
Tgt Ion: 83 Resp: 34467
Ion Ratio Lower Upper
83 100
131 9.0 4.9 14.7
85 66.4 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 58.268 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD078888.D
Acq: 08 May 2024 14:48

Tgt Ion: 75 Resp: 39483
Ion Ratio Lower Upper
75 100
77 32.5 0.0 0.0#





#78

n-propylbenzene

Concen: 26.898 ug/l

RT: 12.945 min Scan# 1931

Delta R.T. 0.182 min

Lab File: VD078888.D

Acq: 08 May 2024 14:48

Instrument :

MSVOA_D

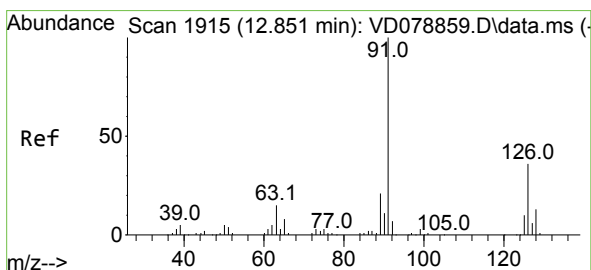
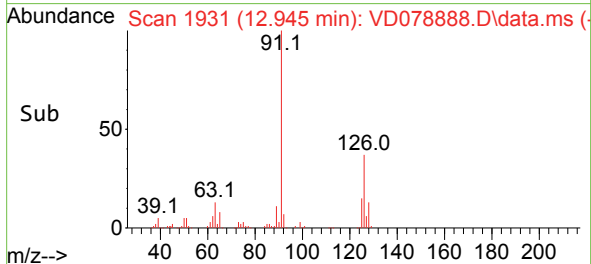
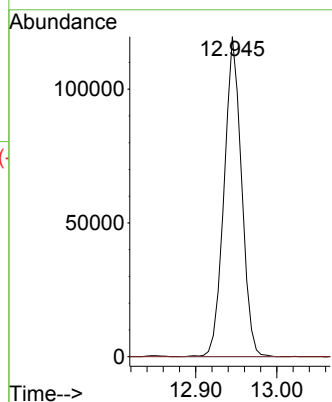
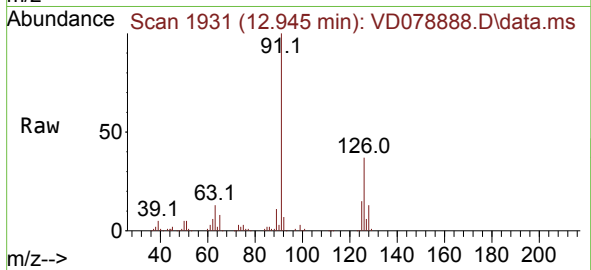
ClientSampleId :

Tgt Ion: 91 Resp: 178966

Ion Ratio Lower Upper

91 100

120 0.0 11.7 35.1#



#79

2-Chlorotoluene

Concen: 48.191 ug/l

RT: 12.945 min Scan# 1931

Delta R.T. 0.094 min

Lab File: VD078888.D

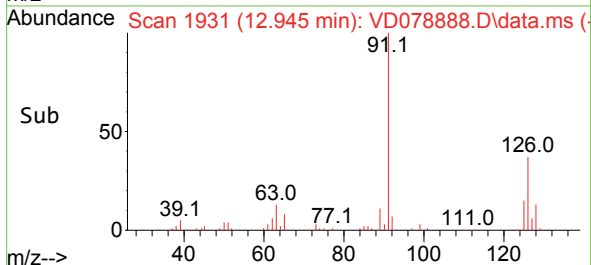
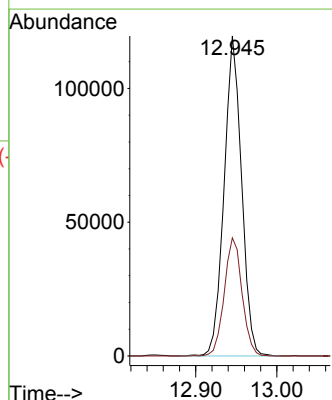
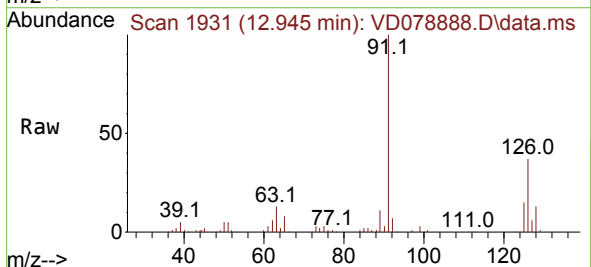
Acq: 08 May 2024 14:48

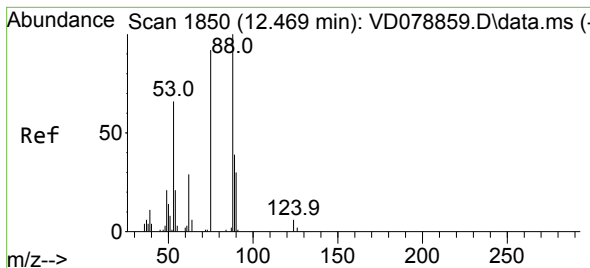
Tgt Ion: 91 Resp: 178966

Ion Ratio Lower Upper

91 100

126 37.6 19.4 58.1

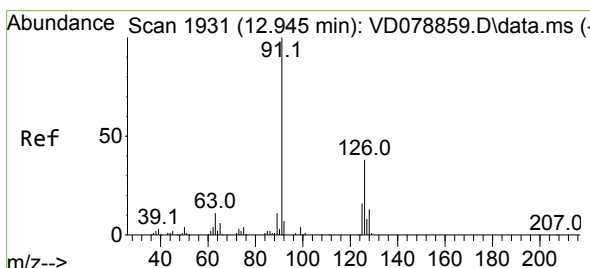
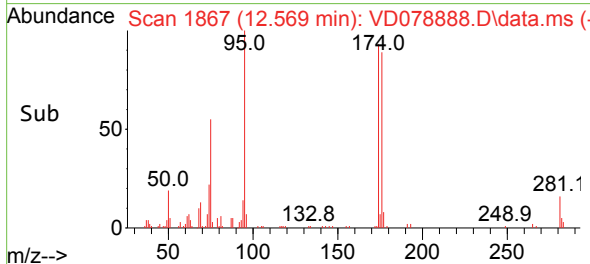
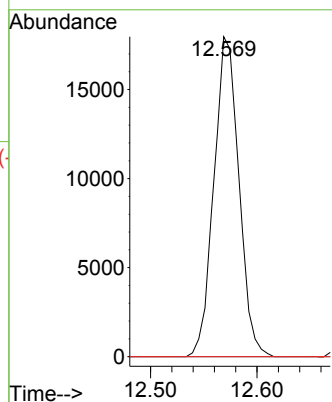
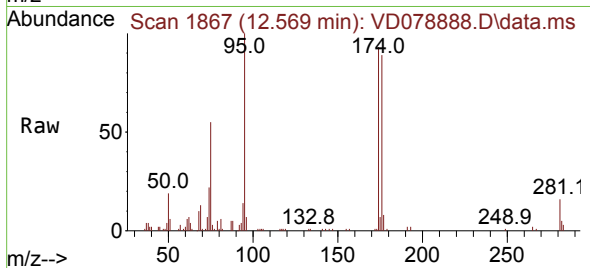




#81
trans-1,4-Dichloro-2-butene
Concen: 84.577 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD078888.D
Acq: 08 May 2024 14:48

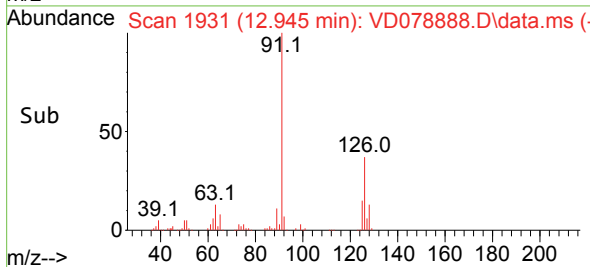
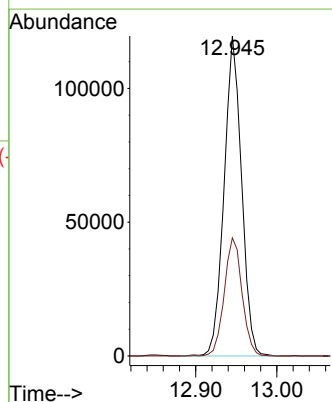
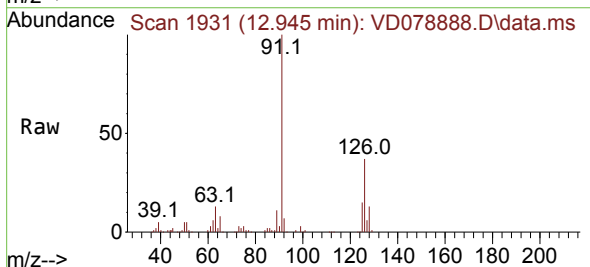
Instrument :
MSVOA_D
ClientSampleId :

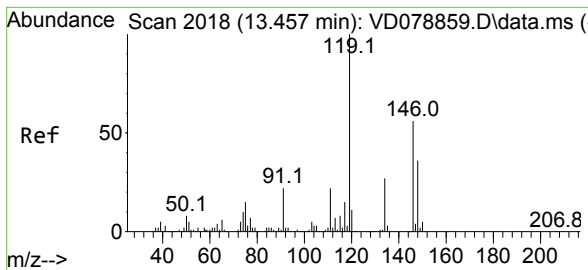
Tgt Ion: 75 Resp: 29332
Ion Ratio Lower Upper
75 100
53 0.0 61.0 91.6#
89 0.0 35.4 53.0#



#82
4-Chlorotoluene
Concen: 45.189 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078888.D
Acq: 08 May 2024 14:48

Tgt Ion: 91 Resp: 178966
Ion Ratio Lower Upper
91 100
126 37.6 18.9 56.5





#87

1,3-Dichlorobenzene

Concen: 28.252 ug/l

RT: 13.533 min Scan# 2031

Delta R.T. 0.076 min

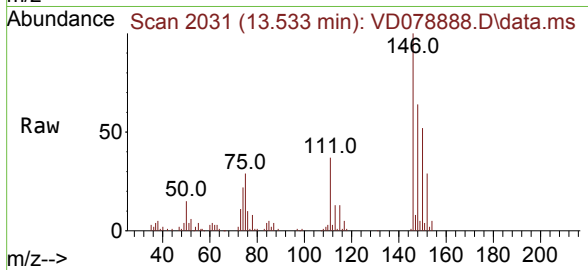
Lab File: VD078888.D

Acq: 08 May 2024 14:48

Instrument :

MSVOA_D

ClientSampleId :



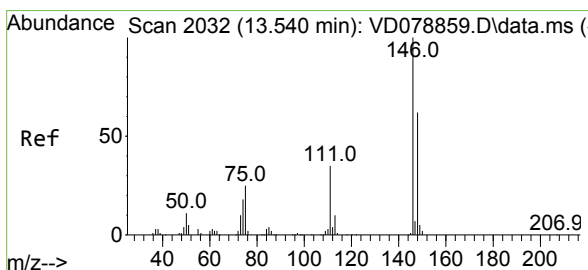
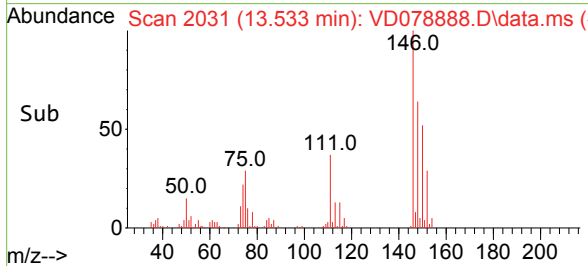
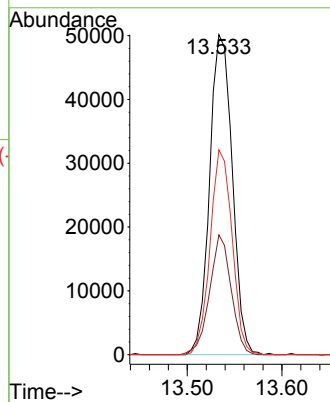
Tgt Ion:146 Resp: 83458

Ion Ratio Lower Upper

146 100

111 35.7 18.2 54.6

148 62.2 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 28.540 ug/l

RT: 13.533 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VD078888.D

Acq: 08 May 2024 14:48

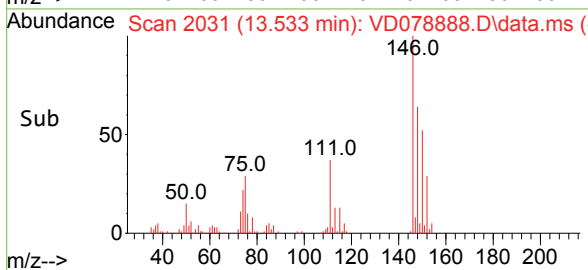
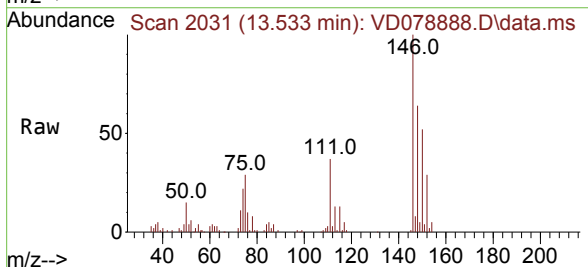
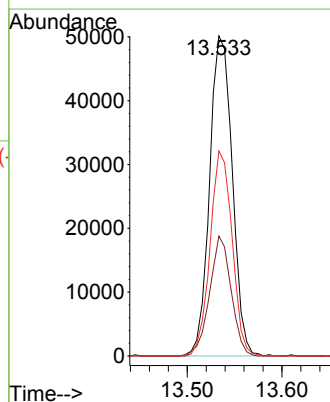
Tgt Ion:146 Resp: 83458

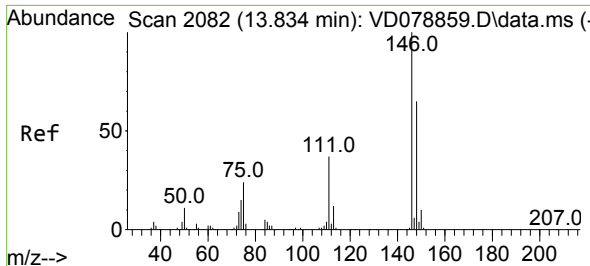
Ion Ratio Lower Upper

146 100

111 35.7 17.8 53.3

148 62.2 32.4 97.0





#91

1,2-Dichlorobenzene

Concen: 8.961 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.000 min

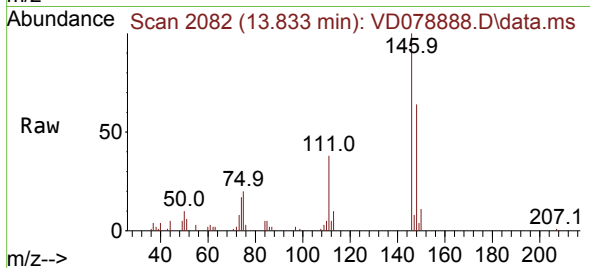
Lab File: VD078888.D

Acq: 08 May 2024 14:48

Instrument :

MSVOA_D

ClientSampleId :



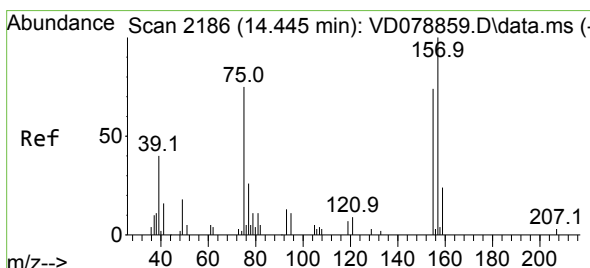
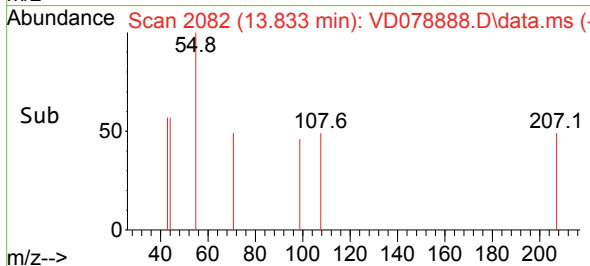
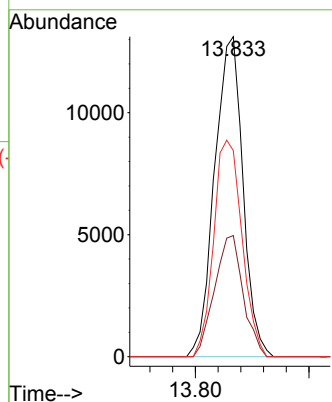
Tgt Ion:146 Resp: 22656

Ion Ratio Lower Upper

146 100

111 38.2 18.6 56.0

148 67.7 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.934 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD078888.D

Acq: 08 May 2024 14:48

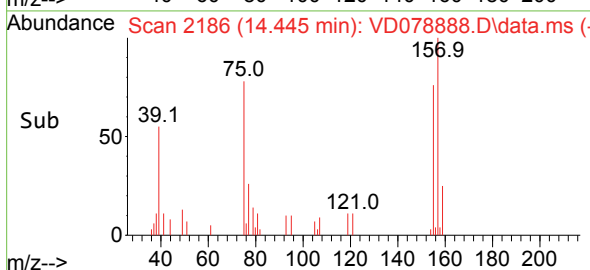
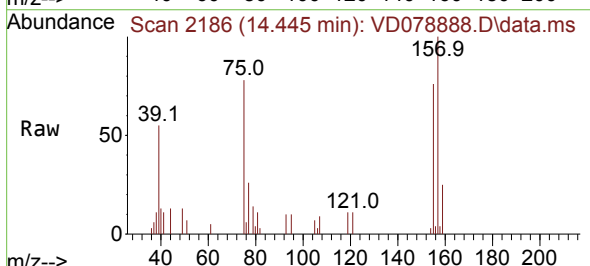
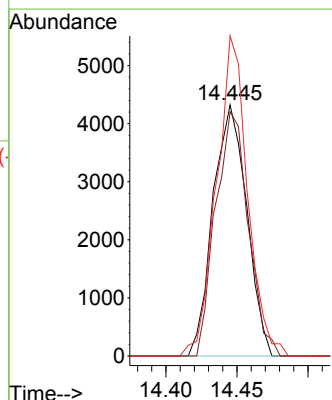
Tgt Ion: 75 Resp: 7133

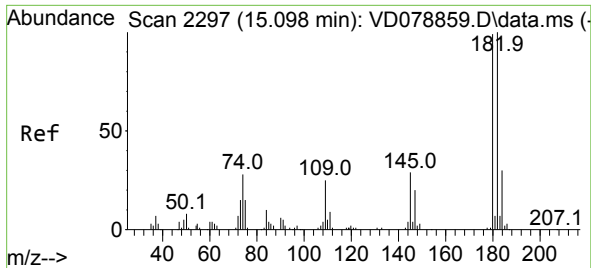
Ion Ratio Lower Upper

75 100

155 94.1 49.8 149.3

157 117.3 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 45.019 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.000 min

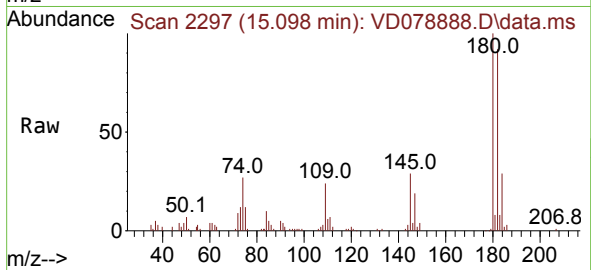
Lab File: VD078888.D

Acq: 08 May 2024 14:48

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 63229

Ion Ratio Lower Upper

180 100

182 96.8 49.7 149.1

145 29.6 14.6 44.0

