

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050824\
 Data File : VD078887.D
 Acq On : 08 May 2024 14:21
 Operator : RP/MD
 Sample : P2252-23
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 09 04:42:50 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	107702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	198308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	188905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	93899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	50497	42.241	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.480%
35) Dibromofluoromethane	7.805	113	59596	40.930	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.860%
50) Toluene-d8	10.269	98	214997	38.476	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.960%
62) 4-Bromofluorobenzene	12.575	95	59730	37.350	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.700%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.181	142	81	1.895	ug/l #	42
11) Tert butyl alcohol	5.052	59	67	1.224	ug/l #	75
12) 1,1-Dichloroethene	3.934	96	120855	94.905	ug/l #	93
14) Allyl chloride	4.799	41	7051	5.516	ug/l #	18
16) Acetone	4.016	43	102147	573.002	ug/l	95
18) Methyl Acetate	4.793	43	811	1.835	ug/l #	43
20) Methylene Chloride	4.799	84	250767	172.978	ug/l	97
24) 1,1-Dichloroethane	6.105	63	163881	72.015	ug/l	99
25) 2-Butanone	7.075	43	112553	450.206	ug/l	100
26) 2,2-Dichloropropane	7.075	77	211641	110.220	ug/l	95
27) cis-1,2-Dichloroethene	7.087	96	2652	1.626	ug/l #	1
28) Bromochloromethane	7.422	49	109217	127.564	ug/l	89
29) Tetrahydrofuran	7.593	42	239	1.634	ug/l #	1
30) Chloroform	7.593	83	121671	47.913	ug/l	97
31) Cyclohexane	7.869	56	2029	1.143	ug/l #	49
32) 1,1,1-Trichloroethane	7.793	97	293221	136.904	ug/l	98
36) 1,1-Dichloropropene	7.881	75	8265	4.413	ug/l #	45
37) Ethyl Acetate	7.075	43	112553	181.696	ug/l #	79
38) Carbon Tetrachloride	7.987	117	102605	47.594	ug/l	96
43) Isopropyl Acetate	8.434	43	125217	110.509	ug/l #	1
45) 1,2-Dichloropropane	9.304	63	247351	183.896	ug/l	100
48) Methyl methacrylate	9.304	41	107305	202.039	ug/l #	23
52) Toluene	10.334	92	247281	64.188	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	294099	165.415	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	287228	133.756	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	200316	180.350	ug/l	96
59) 2-Hexanone	10.922	43	43875	102.125	ug/l	100
60) Dibromochloromethane	11.075	129	207758	138.005	ug/l	99
61) 1,2-Dibromoethane	11.181	107	97262	94.423	ug/l	99
64) Tetrachloroethene	10.810	164	120240	93.318	ug/l	98
65) Chlorobenzene	11.604	112	795208	183.424	ug/l	98
67) Ethyl Benzene	11.681	91	232267	32.754	ug/l	99
68) m/p-Xylenes	11.793	106	402927	140.333	ug/l	96
69) o-Xylene	12.122	106	415280	158.202	ug/l	100
70) Styrene	12.134	104	756275	163.853	ug/l	97
71) Bromoform	12.298	173	71214	86.758	ug/l #	96

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Quant Title : SW846 8260
QLast Update : Wed May 08 19:40:18 2024
Response via : Initial Calibration

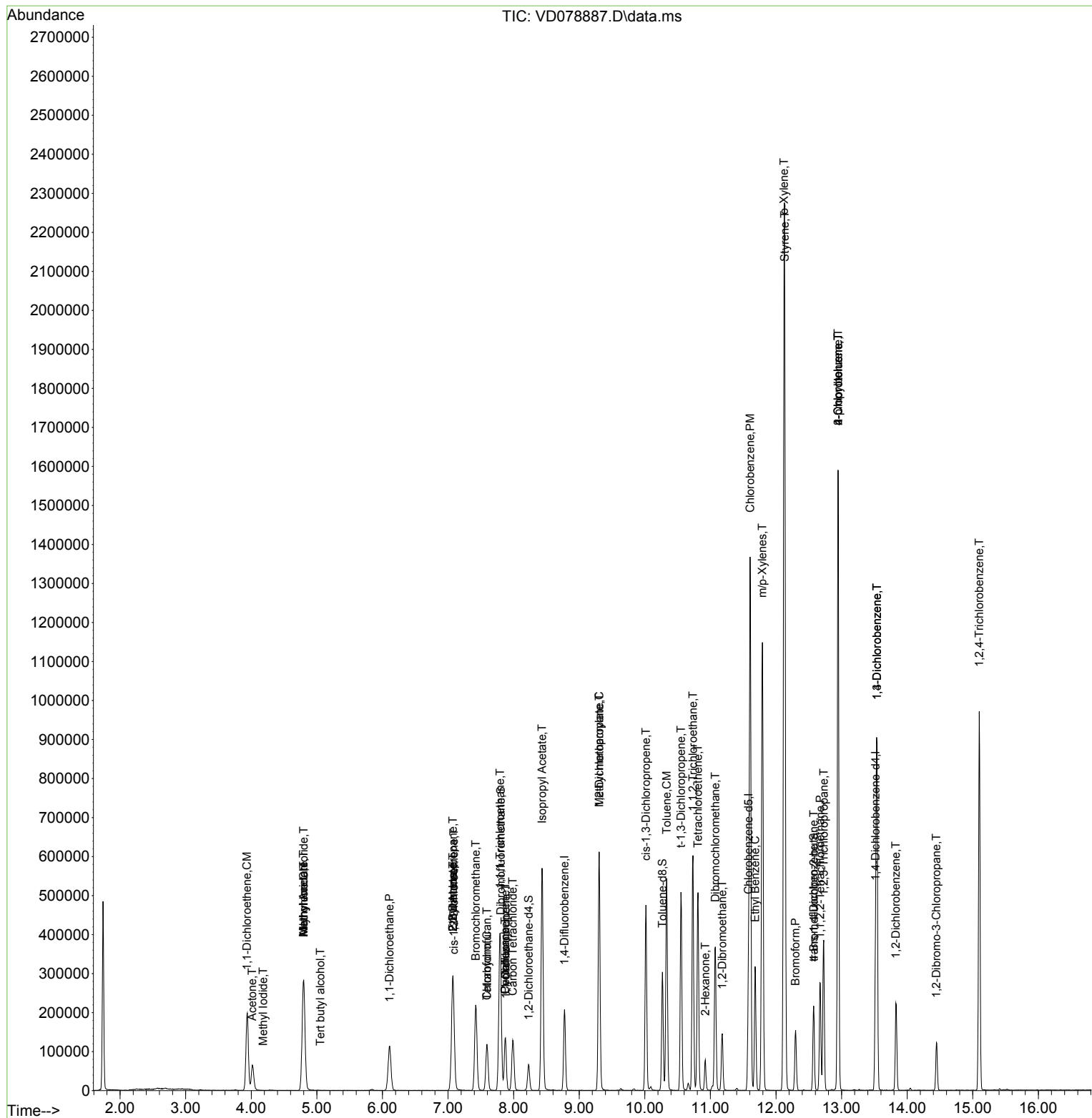
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 1,1,2,2-Tetrachloroethane	12.675	83	145537	122.723	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	164551	210.642	ug/l #	100
78) n-propylbenzene	12.945	91	882125	115.000	ug/l #	52
79) 2-Chlorotoluene	12.945	91	882125	206.038	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.575	75	31171	77.962	ug/l #	19
82) 4-Chlorotoluene	12.945	91	882125	193.206	ug/l	99
87) 1,3-Dichlorobenzene	13.540	146	376979	110.693	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	376979	111.822	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	102620	35.208	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	30725	190.304	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	311507	192.385	ug/l	96

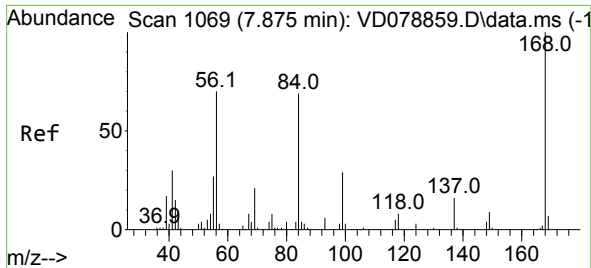
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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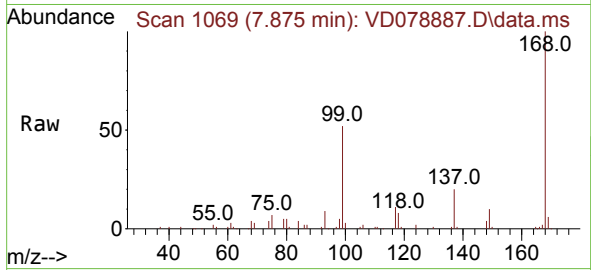
Quant Time: May 09 04:42:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
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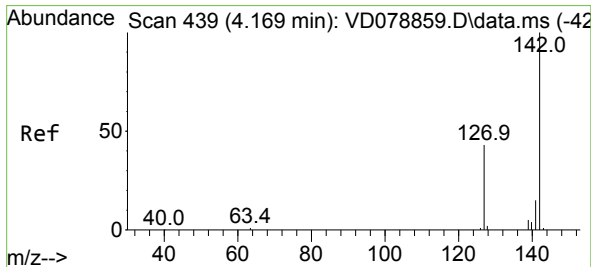
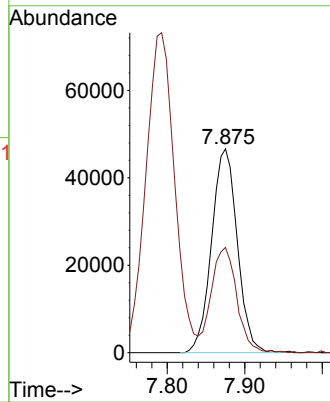
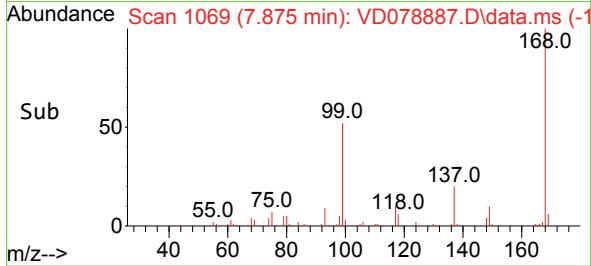


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078887.D
Acq: 08 May 2024 14:21

Instrument :
MSVOA_D
ClientSampleId :

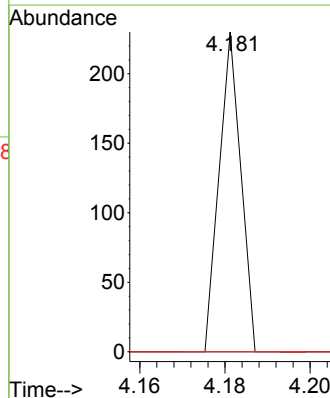
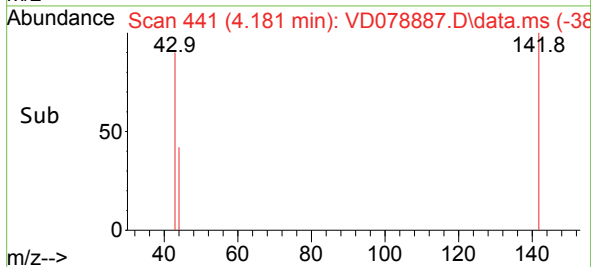
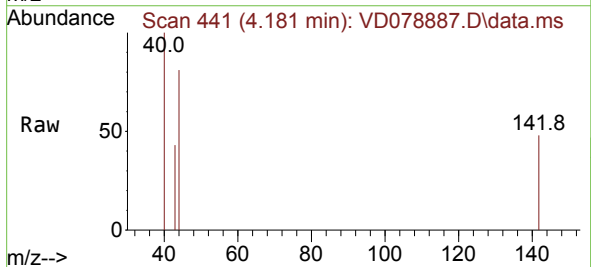


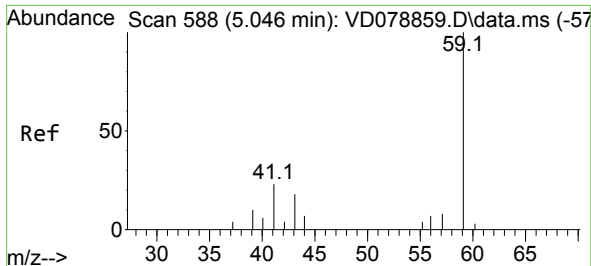
Tgt Ion:168 Resp: 107702
Ion Ratio Lower Upper
168 100
99 51.0 38.8 58.2



#10
Methyl Iodide
Concen: 1.895 ug/l
RT: 4.181 min Scan# 441
Delta R.T. 0.012 min
Lab File: VD078887.D
Acq: 08 May 2024 14:21

Tgt Ion:142 Resp: 81
Ion Ratio Lower Upper
142 100
127 0.0 33.5 50.3#
141 0.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: 1.224 ug/l

RT: 5.052 min Scan# 51

Delta R.T. 0.006 min

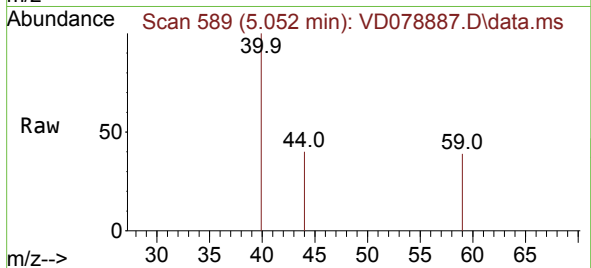
Lab File: VD078887.D

Acq: 08 May 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :

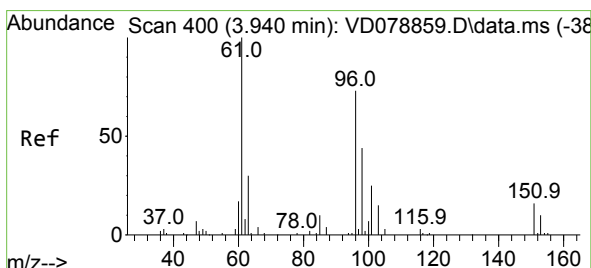
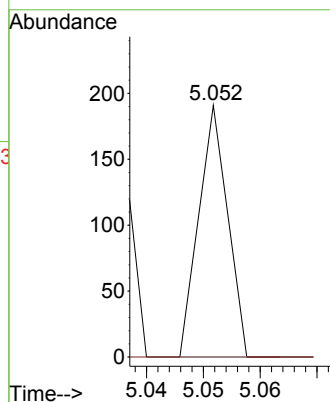


Tgt Ion: 59 Resp: 67

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.0#



#12

1,1-Dichloroethene

Concen: 94.905 ug/l

RT: 3.934 min Scan# 399

Delta R.T. -0.006 min

Lab File: VD078887.D

Acq: 08 May 2024 14:21

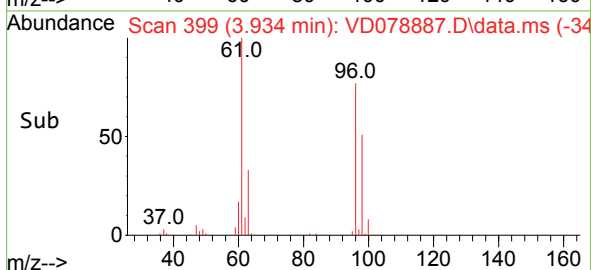
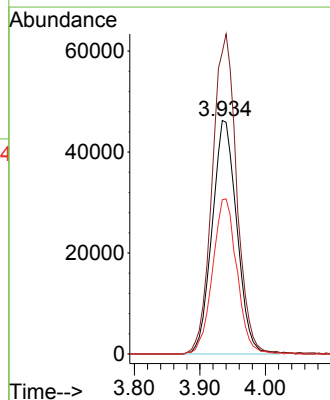
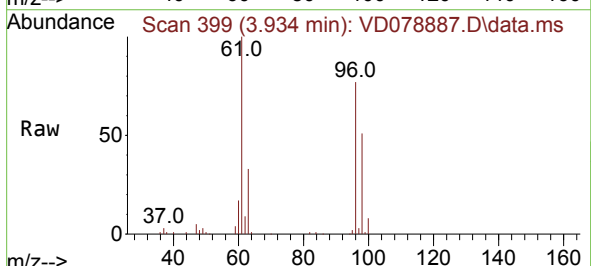
Tgt Ion: 96 Resp: 120855

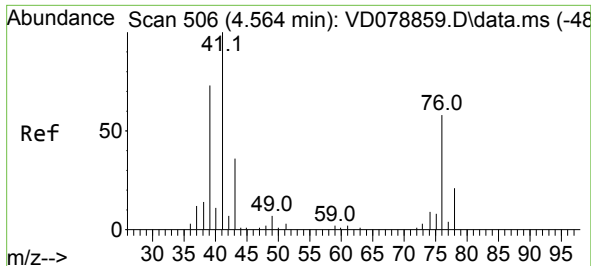
Ion Ratio Lower Upper

96 100

61 129.3 101.4 152.0

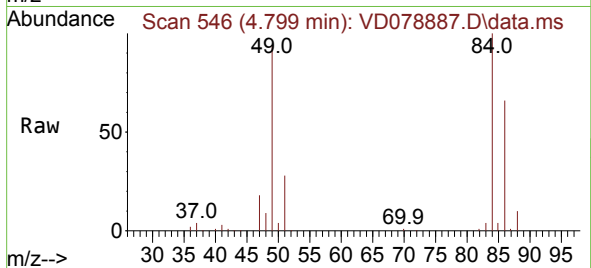
98 66.0 43.4 65.0#



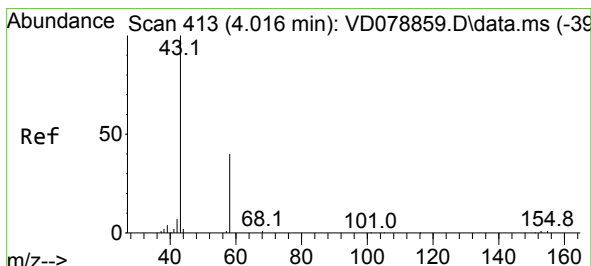
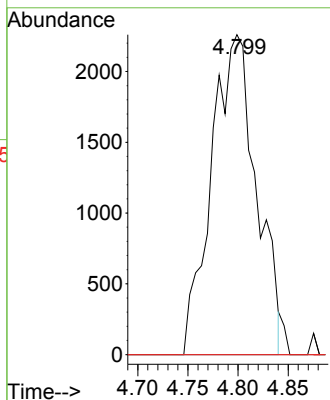
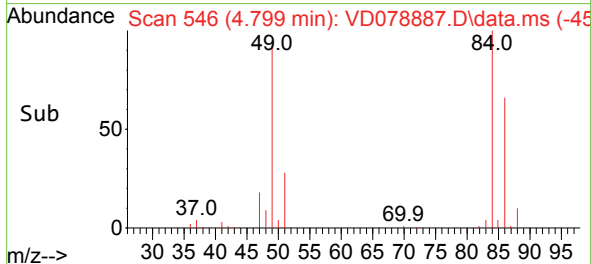


#14
Allyl chloride
Concen: 5.516 ug/l
RT: 4.799 min Scan# 54
Delta R.T. 0.235 min
Lab File: VD078887.D
Acq: 08 May 2024 14:21

Instrument :
MSVOA_D
ClientSampleId :

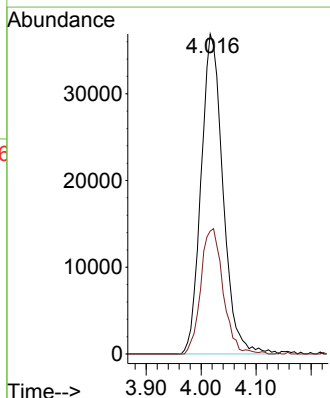
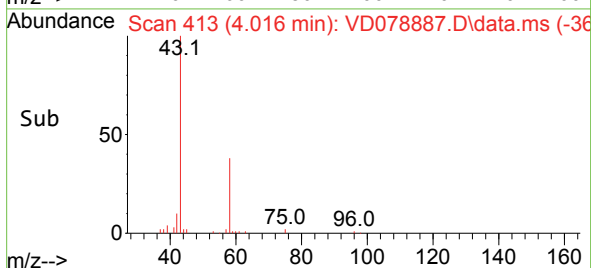
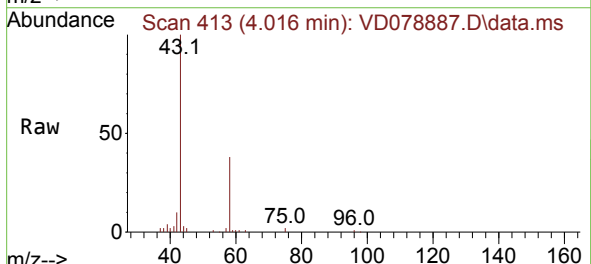


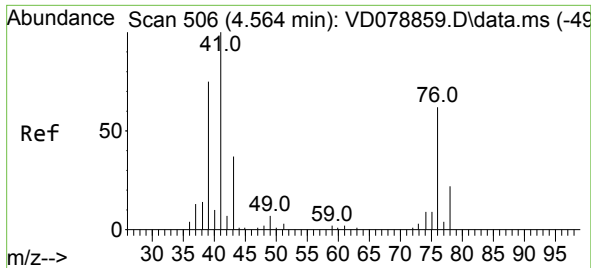
Tgt Ion: 41 Resp: 7051
Ion Ratio Lower Upper
41 100
39 0.0 57.8 86.6#
76 0.0 44.8 67.2#



#16
Acetone
Concen: 573.002 ug/l
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD078887.D
Acq: 08 May 2024 14:21

Tgt Ion: 43 Resp: 102147
Ion Ratio Lower Upper
43 100
58 38.4 28.2 42.4





#18

Methyl Acetate

Concen: 1.835 ug/l

RT: 4.793 min Scan# 545

Delta R.T. 0.229 min

Lab File: VD078887.D

Acq: 08 May 2024 14:21

Instrument :

MSVOA_D

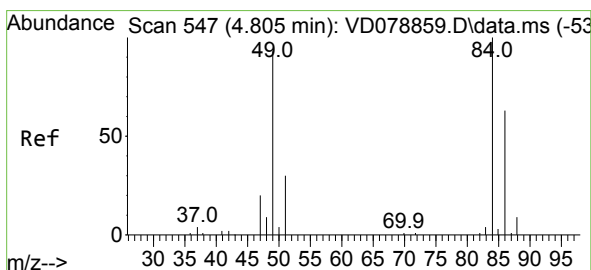
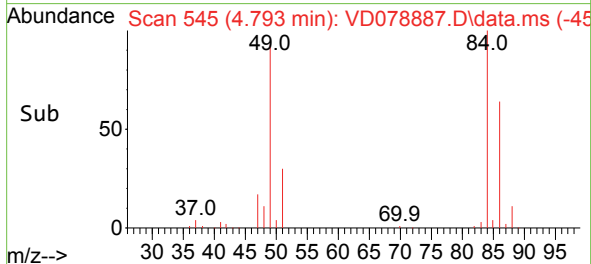
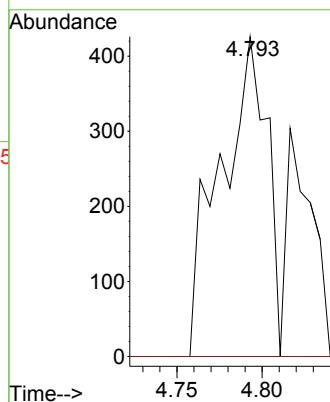
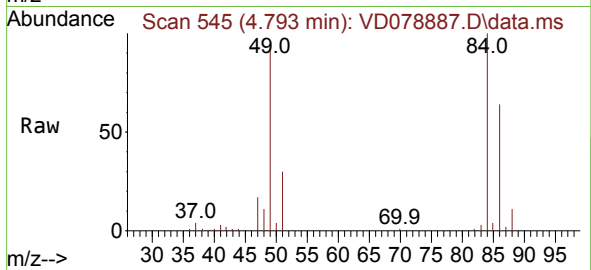
ClientSampleId :

Tgt Ion: 43 Resp: 811

Ion Ratio Lower Upper

43 100

74 0.0 25.3 37.9#



#20

Methylene Chloride

Concen: 172.978 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD078887.D

Acq: 08 May 2024 14:21

Tgt Ion: 84 Resp: 250767

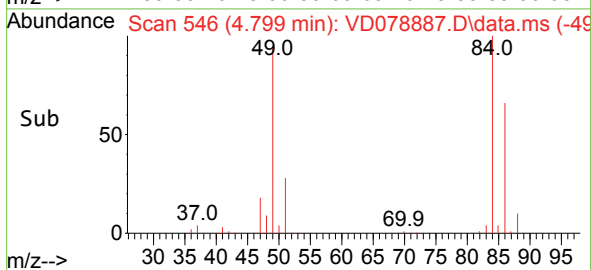
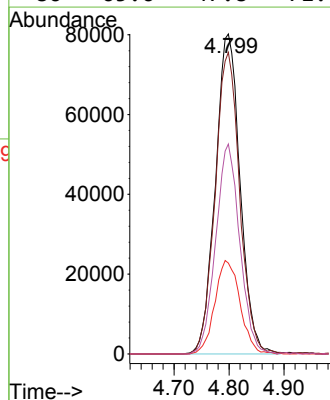
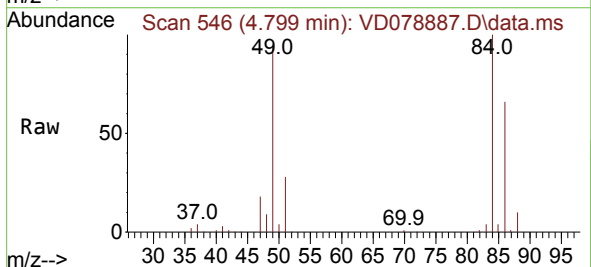
Ion Ratio Lower Upper

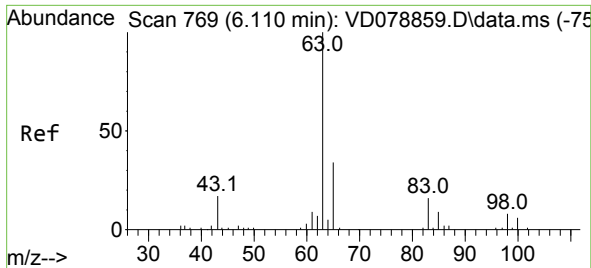
84 100

49 94.2 75.6 113.4

51 28.4 23.4 35.0

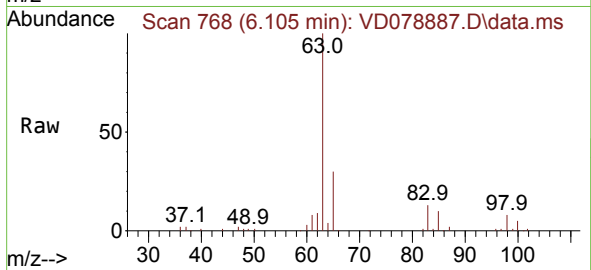
86 65.6 47.8 71.6



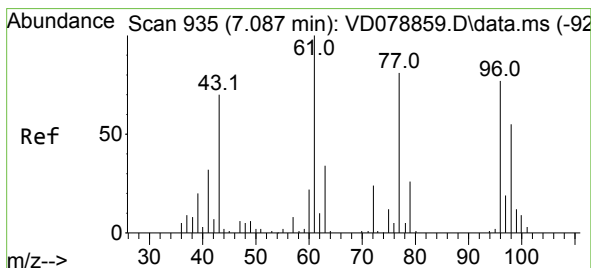
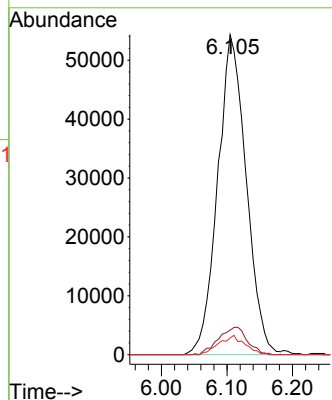
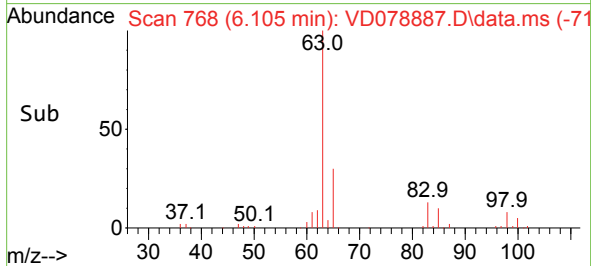


#24
1,1-Dichloroethane
Concen: 72.015 ug/l
RT: 6.105 min Scan# 768
Delta R.T. -0.006 min
Lab File: VD078887.D
Acq: 08 May 2024 14:21

Instrument :
MSVOA_D
ClientSampleId :

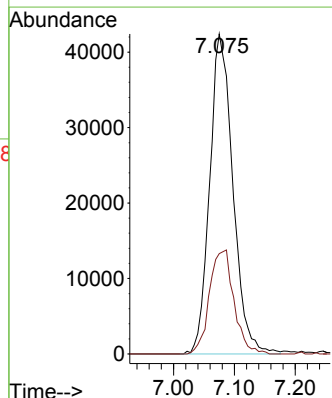
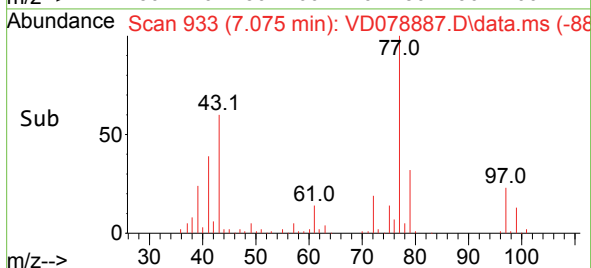
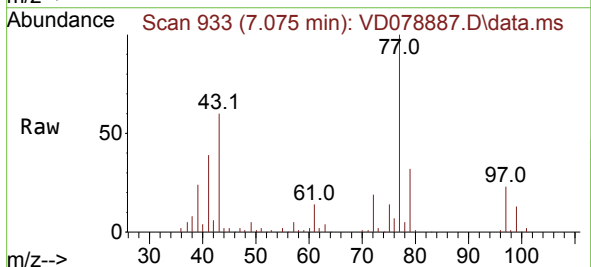


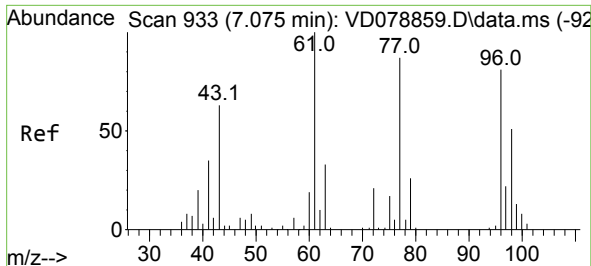
Tgt Ion: 63 Resp: 163881
Ion Ratio Lower Upper
63 100
98 7.6 4.0 11.9
100 5.2 2.7 8.1



#25
2-Butanone
Concen: 450.206 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.012 min
Lab File: VD078887.D
Acq: 08 May 2024 14:21

Tgt Ion: 43 Resp: 112553
Ion Ratio Lower Upper
43 100
72 31.3 25.0 37.6

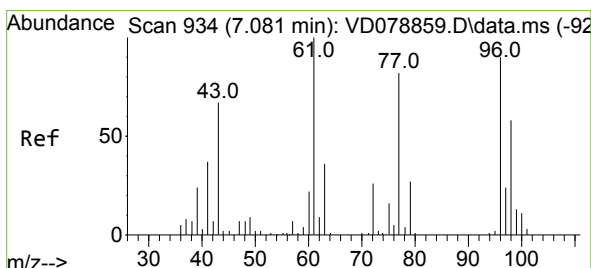
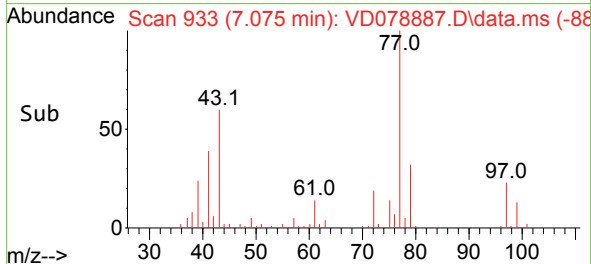
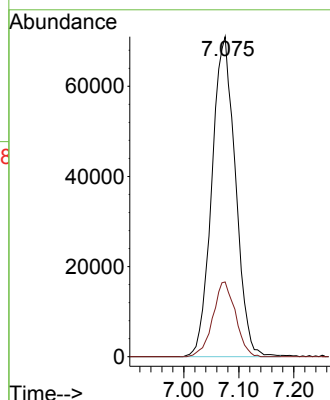
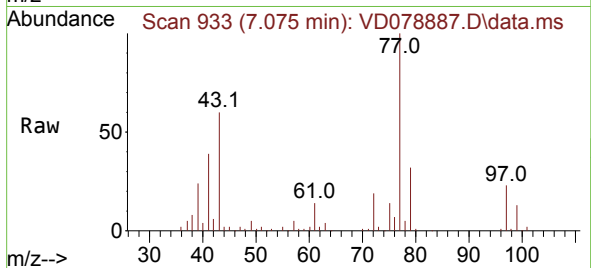




#26
2,2-Dichloropropane
Concen: 110.220 ug/l
RT: 7.075 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD078887.D
Acq: 08 May 2024 14:21

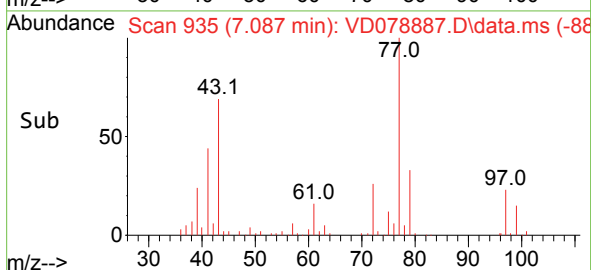
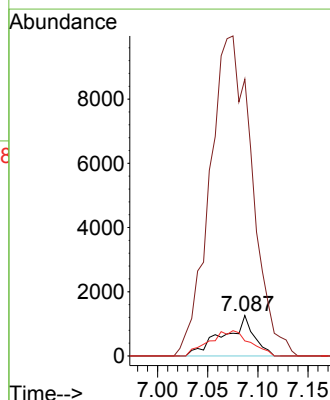
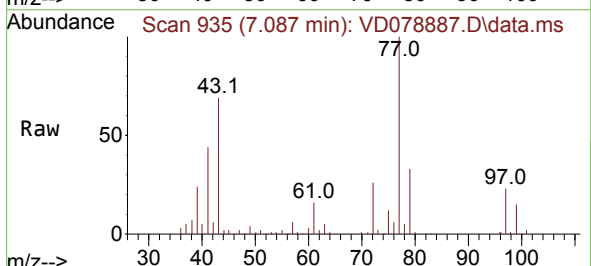
Instrument :
MSVOA_D
ClientSampleId :

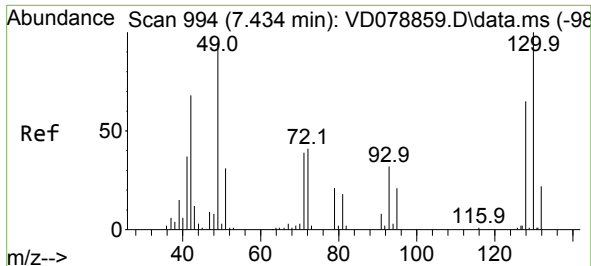
Tgt Ion: 77 Resp: 211641
Ion Ratio Lower Upper
77 100
97 22.5 12.4 37.0



#27
cis-1,2-Dichloroethene
Concen: 1.626 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD078887.D
Acq: 08 May 2024 14:21

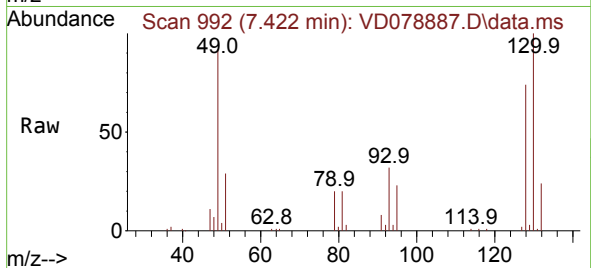
Tgt Ion: 96 Resp: 2652
Ion Ratio Lower Upper
96 100
61 1099.0 0.0 245.0#
98 84.0 0.0 126.6



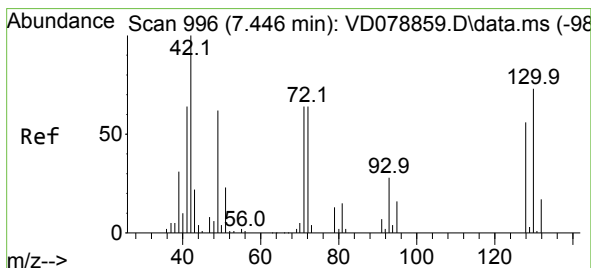
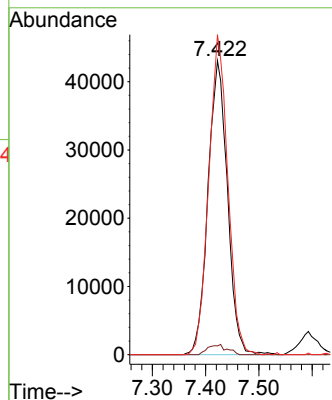
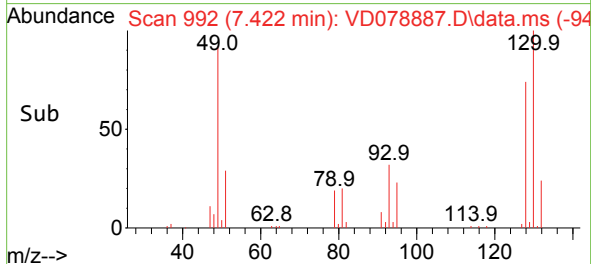


#28
Bromochloromethane
Concen: 127.564 ug/l
RT: 7.422 min Scan# 994
Delta R.T. -0.012 min
Lab File: VD078887.D
Acq: 08 May 2024 14:21

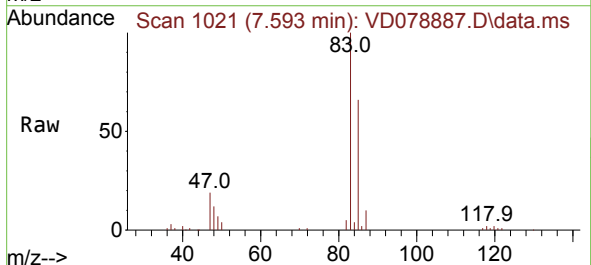
Instrument :
MSVOA_D
ClientSampleId :



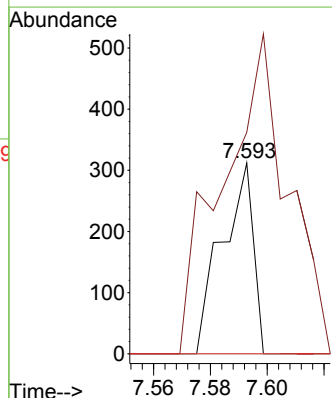
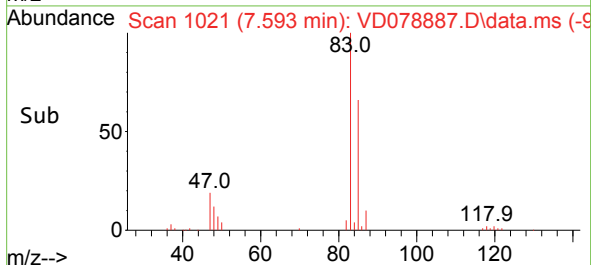
Tgt Ion: 49 Resp: 109217
Ion Ratio Lower Upper
49 100
129 3.4 0.0 6.2
130 107.1 77.1 115.7

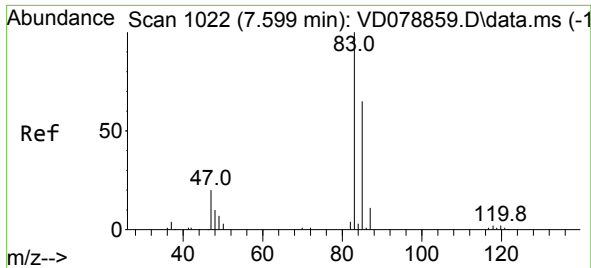


#29
Tetrahydrofuran
Concen: 1.634 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. 0.147 min
Lab File: VD078887.D
Acq: 08 May 2024 14:21



Tgt Ion: 42 Resp: 239
Ion Ratio Lower Upper
42 100
72 347.7 43.8 65.6#
71 0.0 42.0 63.0#

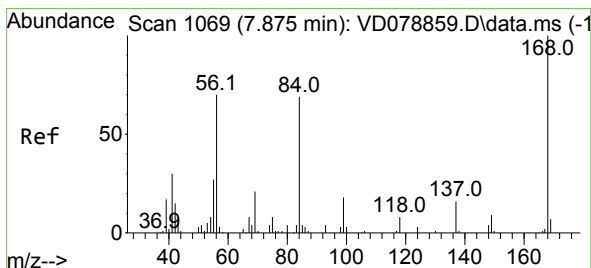
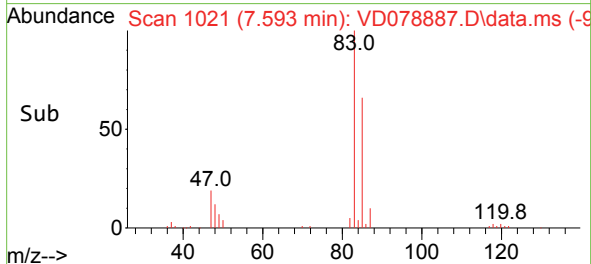
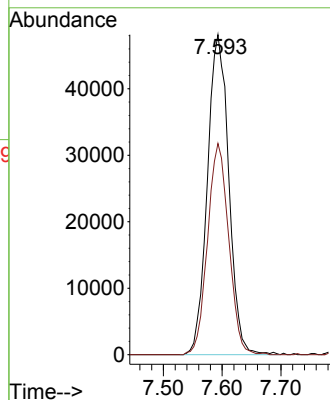
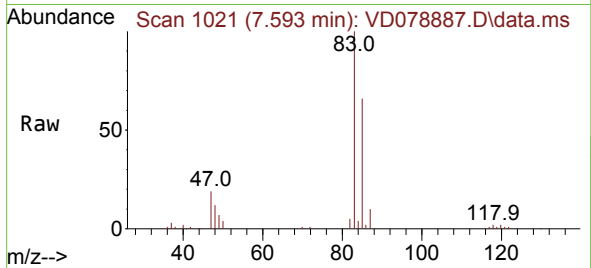




#30
Chloroform
Concen: 47.913 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD078887.D
Acq: 08 May 2024 14:21

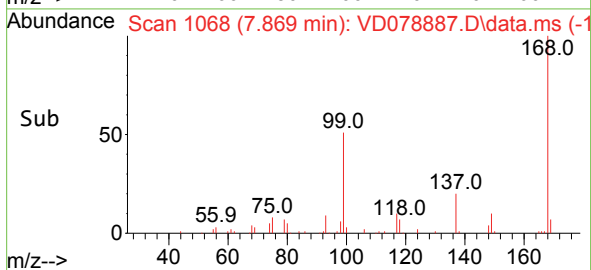
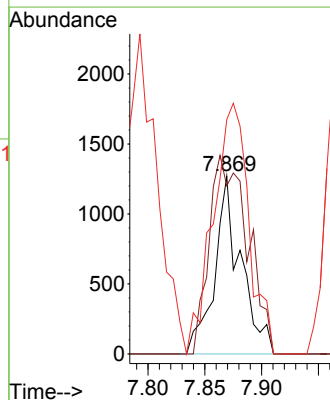
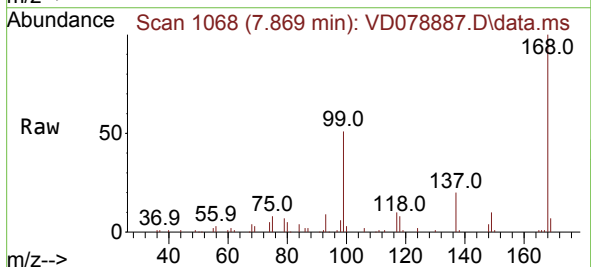
Instrument :
MSVOA_D
ClientSampleId :

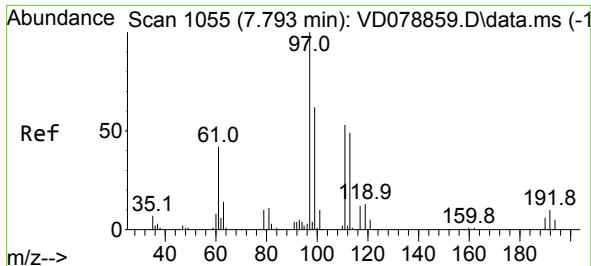
Tgt Ion: 83 Resp: 121671
Ion Ratio Lower Upper
83 100
85 66.0 51.2 76.8



#31
Cyclohexane
Concen: 1.143 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD078887.D
Acq: 08 May 2024 14:21

Tgt Ion: 56 Resp: 2029
Ion Ratio Lower Upper
56 100
69 94.5 26.6 40.0#
84 131.7 79.4 119.2#





#32

1,1,1-Trichloroethane

Concen: 136.904 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

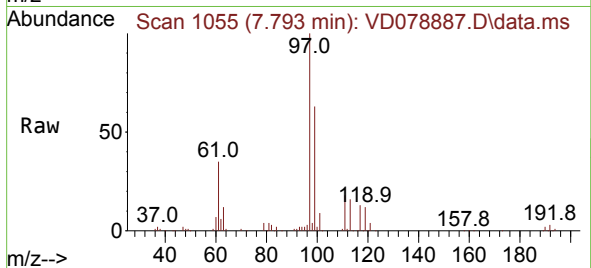
Lab File: VD078887.D

Acq: 08 May 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :



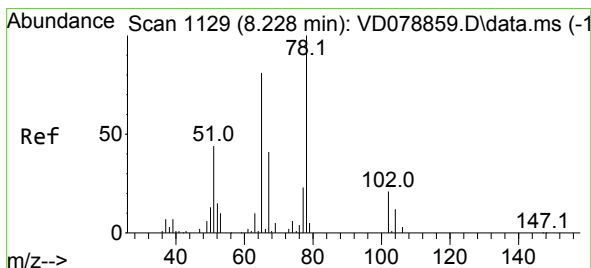
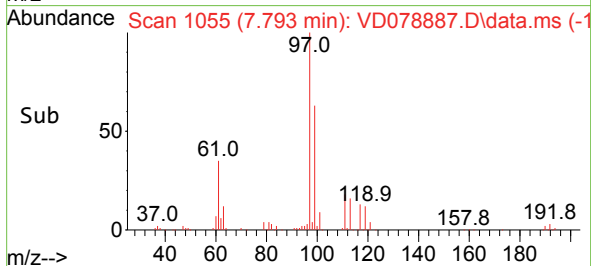
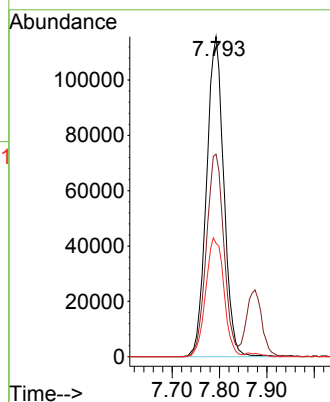
Tgt Ion: 97 Resp: 293221

Ion Ratio Lower Upper

97 100

99 64.6 50.8 76.2

61 39.1 33.0 49.6



#33

1,2-Dichloroethane-d4

Concen: 42.241 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD078887.D

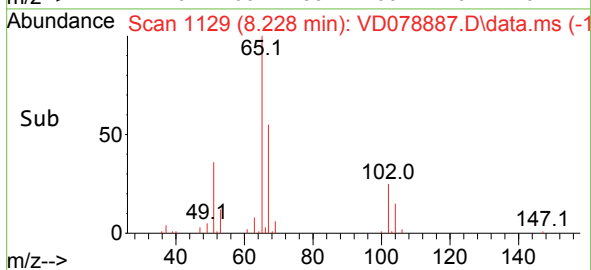
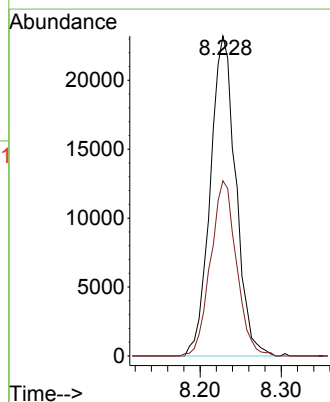
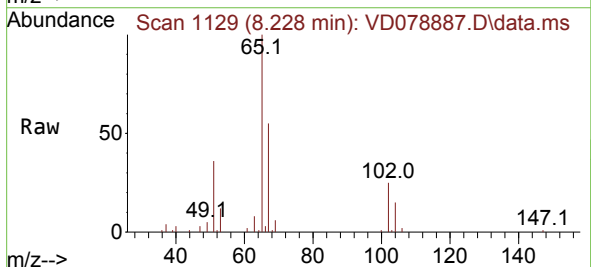
Acq: 08 May 2024 14:21

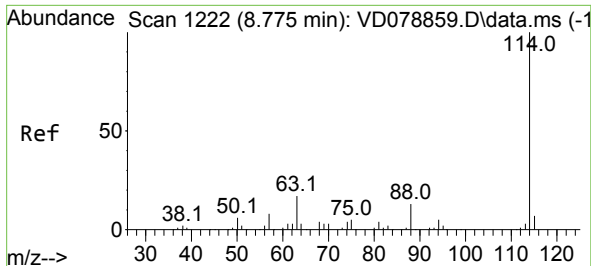
Tgt Ion: 65 Resp: 50497

Ion Ratio Lower Upper

65 100

67 55.7 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: VD078887.D

Acq: 08 May 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :

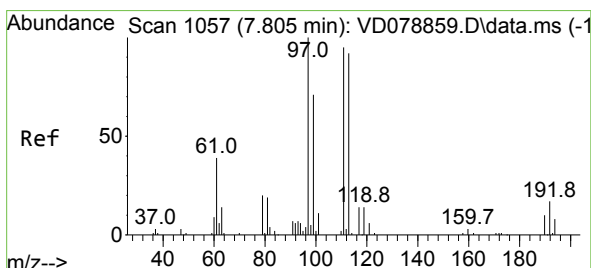
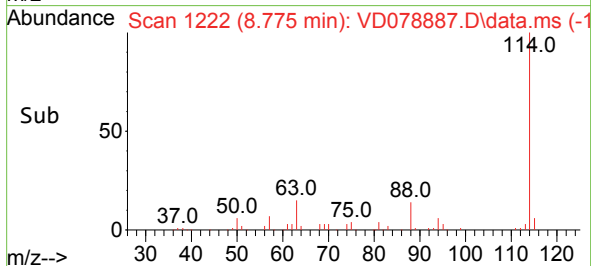
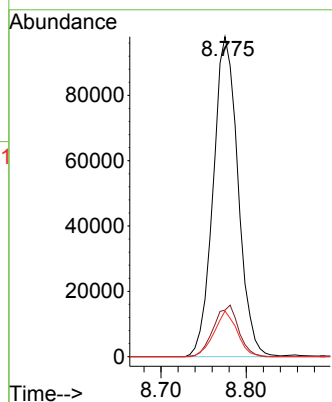
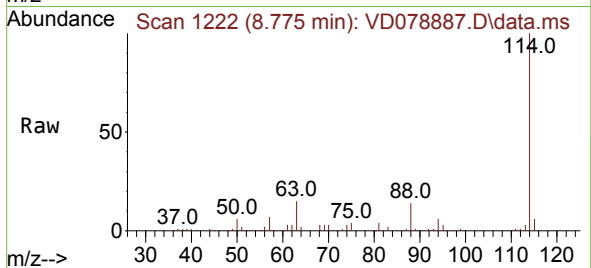
Tgt Ion:114 Resp: 198308

Ion Ratio Lower Upper

114 100

63 14.5 0.0 33.4

88 14.3 0.0 24.6



#35

Dibromofluoromethane

Concen: 40.930 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078887.D

Acq: 08 May 2024 14:21

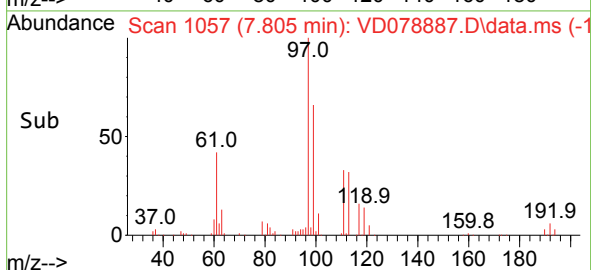
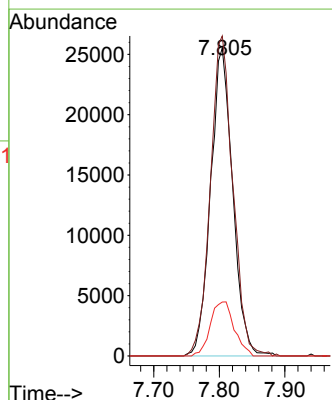
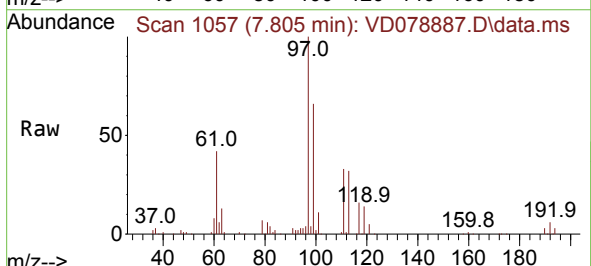
Tgt Ion:113 Resp: 59596

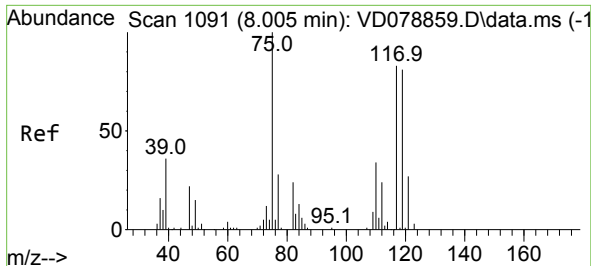
Ion Ratio Lower Upper

113 100

111 106.0 81.9 122.9

192 19.0 15.4 23.0

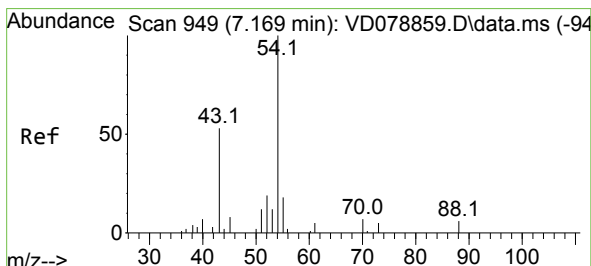
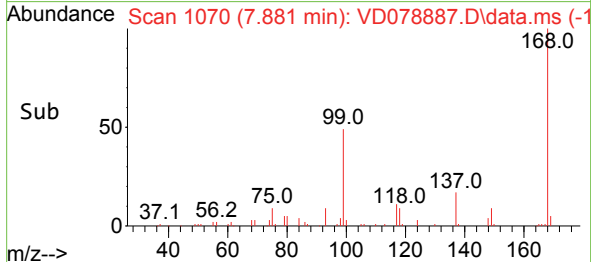
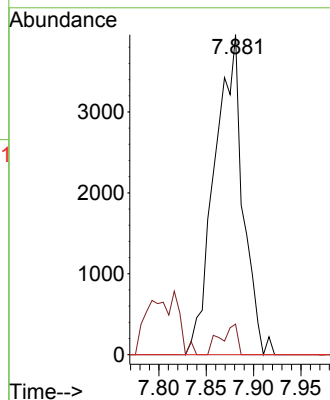
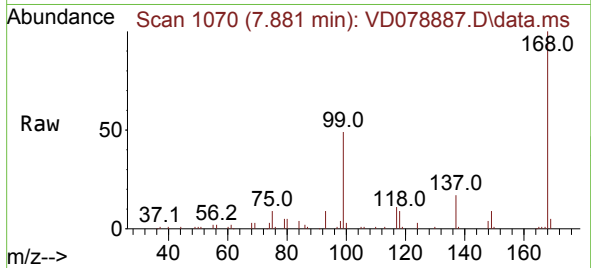




#36
1,1-Dichloropropene
Concen: 4.413 ug/l
RT: 7.881 min Scan# 1091
Delta R.T. -0.124 min
Lab File: VD078887.D
Acq: 08 May 2024 14:21

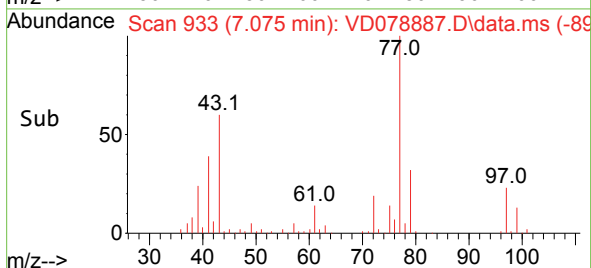
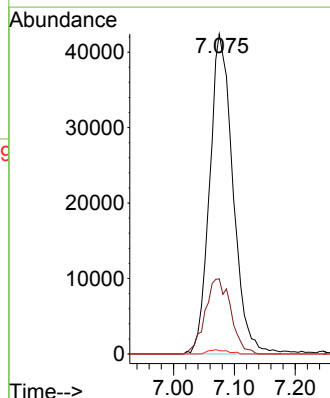
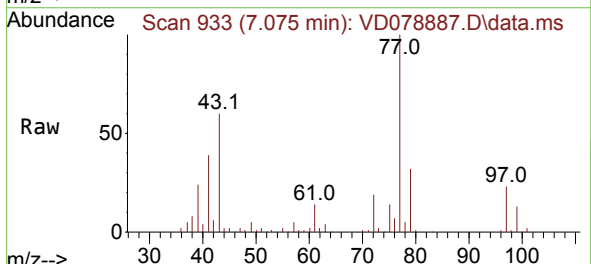
Instrument :
MSVOA_D
ClientSampleId :

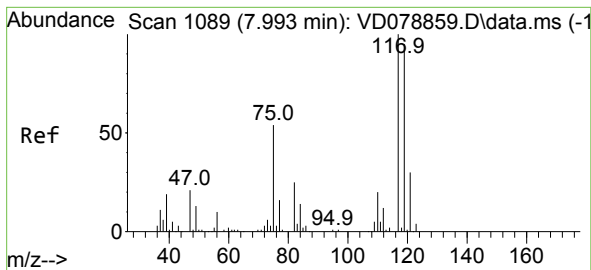
Tgt Ion: 75 Resp: 8265
Ion Ratio Lower Upper
75 100
110 5.7 19.1 57.1#
77 0.0 25.4 38.2#



#37
Ethyl Acetate
Concen: 181.696 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.094 min
Lab File: VD078887.D
Acq: 08 May 2024 14:21

Tgt Ion: 43 Resp: 112553
Ion Ratio Lower Upper
43 100
61 25.9 14.6 21.8#
70 1.1 9.4 14.0#





#38

Carbon Tetrachloride

Concen: 47.594 ug/l

RT: 7.987 min Scan# 110

Delta R.T. -0.006 min

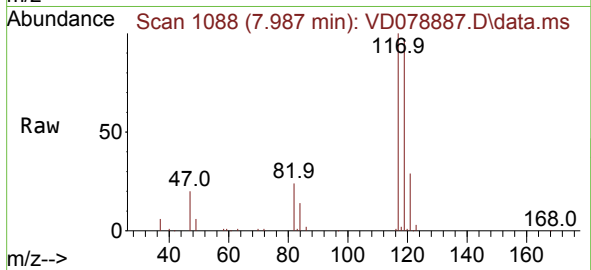
Lab File: VD078887.D

Acq: 08 May 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :



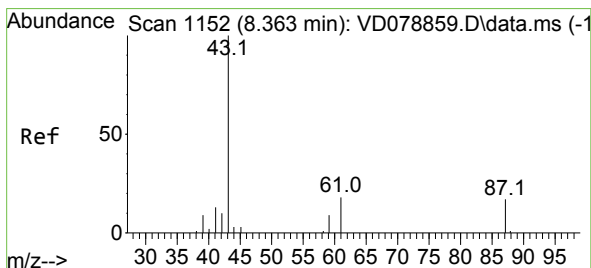
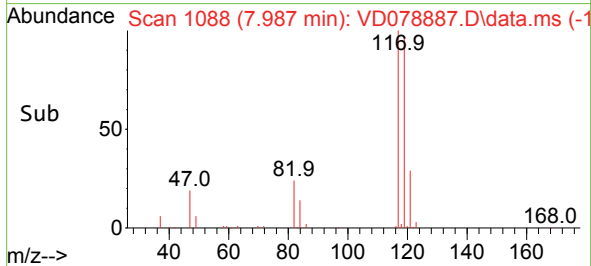
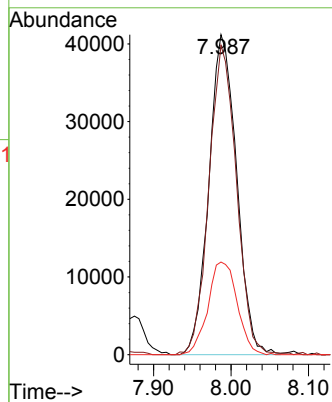
Tgt Ion:117 Resp: 102605

Ion Ratio Lower Upper

117 100

119 96.3 79.2 118.8

121 29.0 26.8 40.2



#43

Isopropyl Acetate

Concen: 110.509 ug/l

RT: 8.434 min Scan# 1164

Delta R.T. 0.071 min

Lab File: VD078887.D

Acq: 08 May 2024 14:21

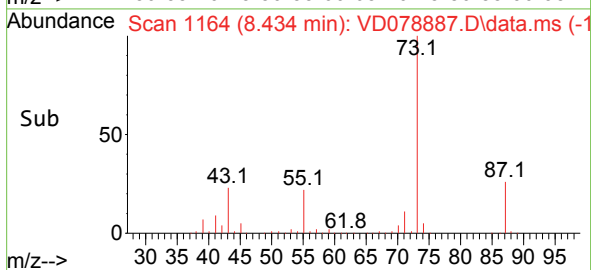
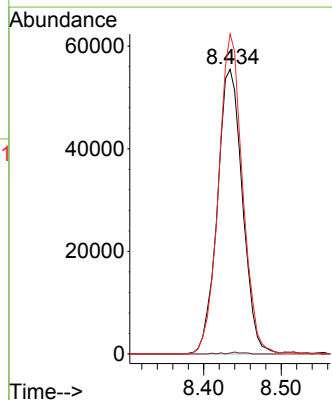
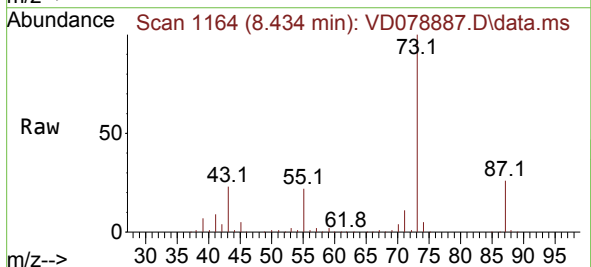
Tgt Ion: 43 Resp: 125217

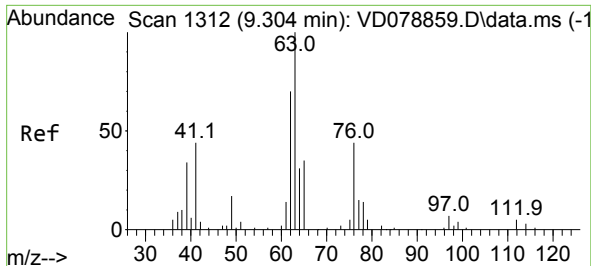
Ion Ratio Lower Upper

43 100

61 0.4 30.1 45.1#

87 107.4 14.4 21.6#





#45

1,2-Dichloropropane

Concen: 183.896 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078887.D

Acq: 08 May 2024 14:21

Instrument :

MSVOA_D

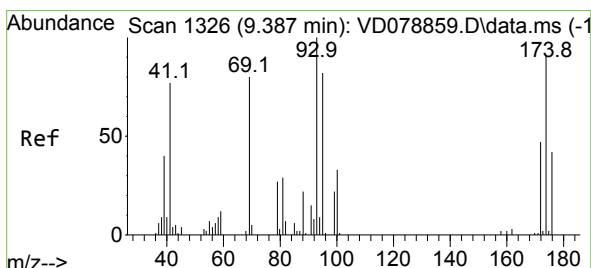
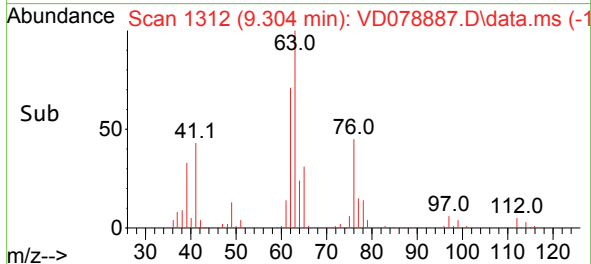
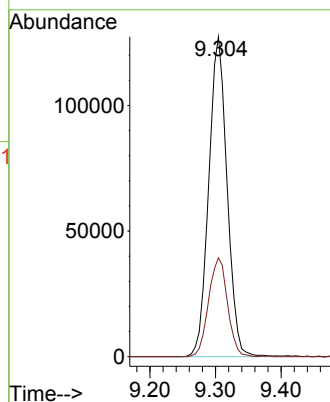
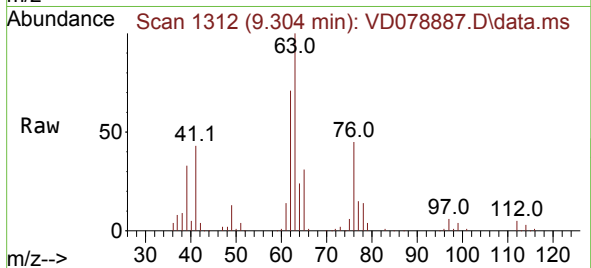
ClientSampleId :

Tgt Ion: 63 Resp: 247351

Ion Ratio Lower Upper

63 100

65 30.9 24.8 37.2



#48

Methyl methacrylate

Concen: 202.039 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.082 min

Lab File: VD078887.D

Acq: 08 May 2024 14:21

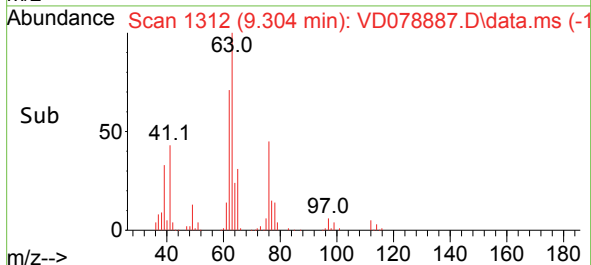
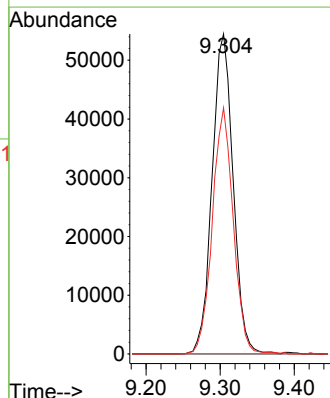
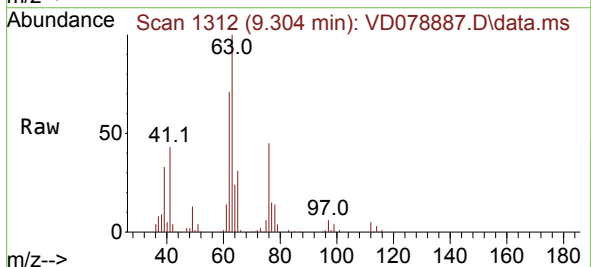
Tgt Ion: 41 Resp: 107305

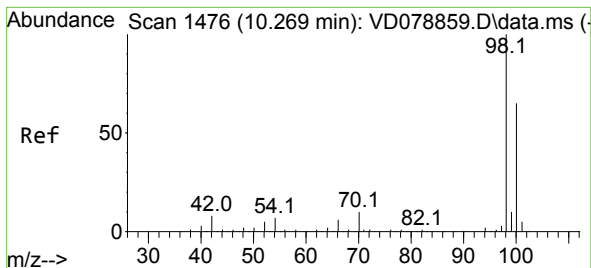
Ion Ratio Lower Upper

41 100

69 0.0 88.3 132.5#

39 76.7 46.6 69.8#





#50

Toluene-d8

Concen: 38.476 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078887.D

Acq: 08 May 2024 14:21

Instrument :

MSVOA_D

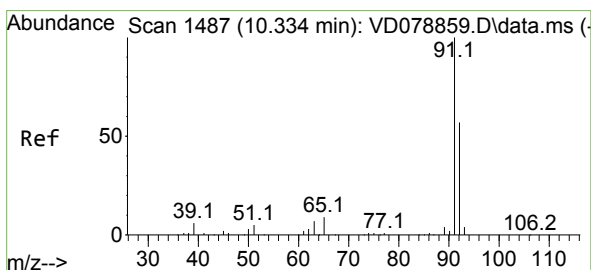
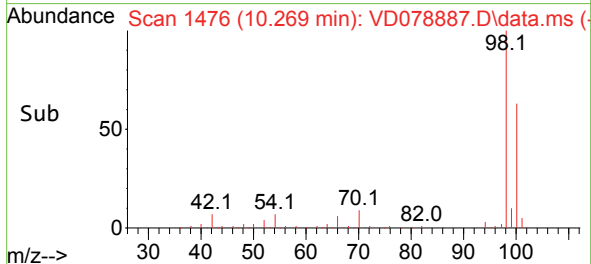
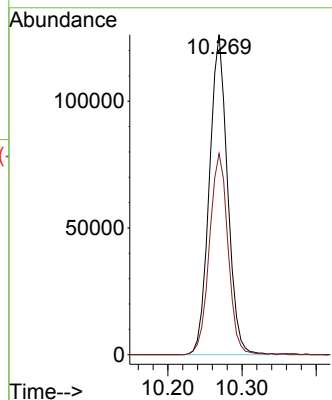
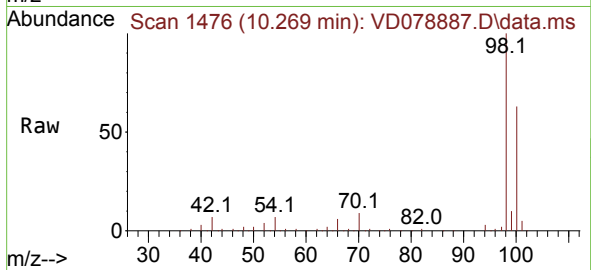
ClientSampleId :

Tgt Ion: 98 Resp: 214997

Ion Ratio Lower Upper

98 100

100 64.3 50.5 75.7



#52

Toluene

Concen: 64.188 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD078887.D

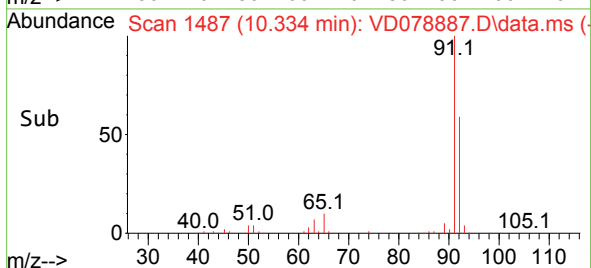
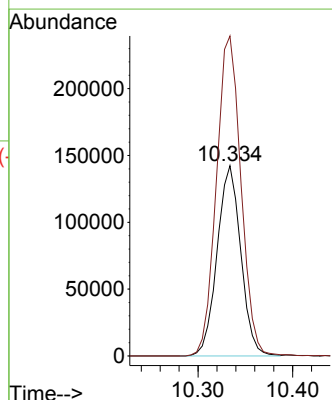
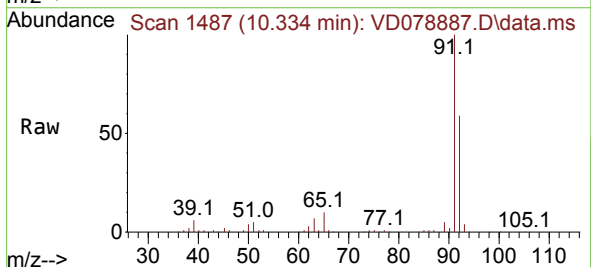
Acq: 08 May 2024 14:21

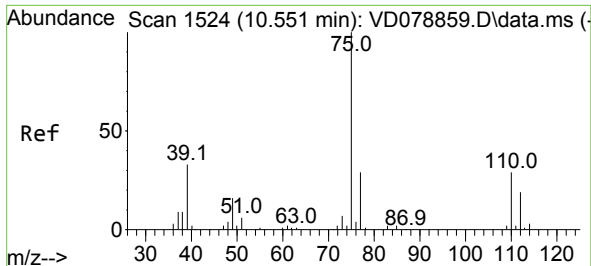
Tgt Ion: 92 Resp: 247281

Ion Ratio Lower Upper

92 100

91 174.6 136.6 205.0

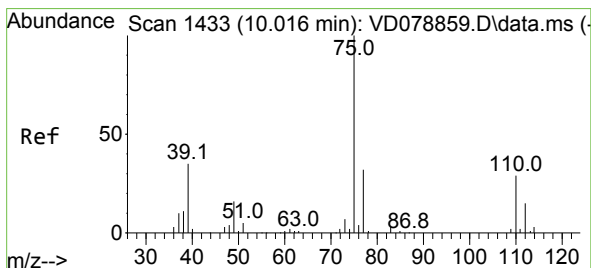
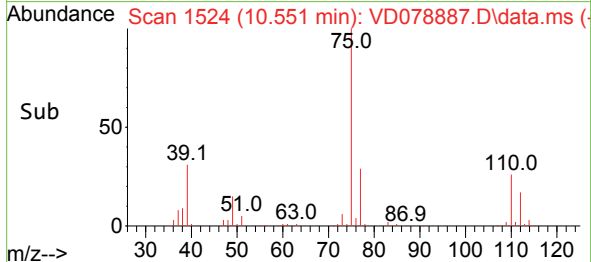
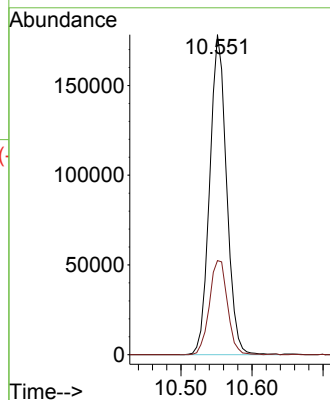
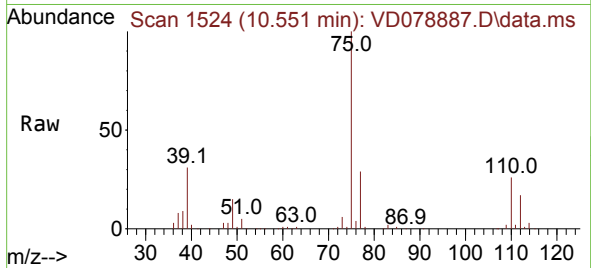




#53
 t-1,3-Dichloropropene
 Concen: 165.415 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD078887.D
 Acq: 08 May 2024 14:21

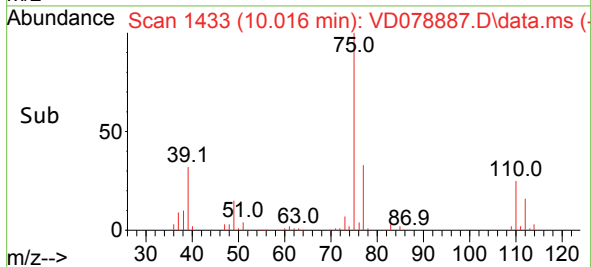
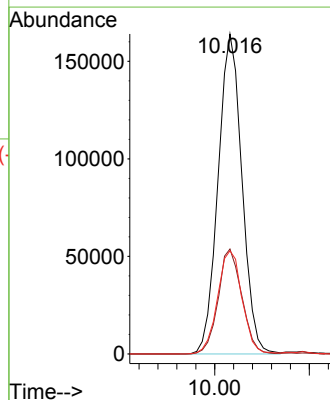
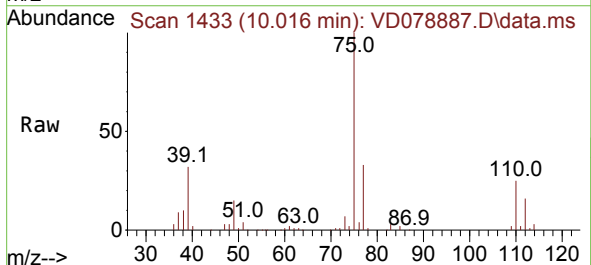
Instrument :
 MSVOA_D
 ClientSampleId :

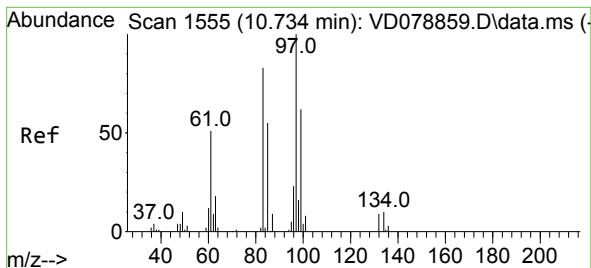
Tgt Ion: 75 Resp: 294099
 Ion Ratio Lower Upper
 75 100
 77 29.4 27.1 40.7



#54
 cis-1,3-Dichloropropene
 Concen: 133.756 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078887.D
 Acq: 08 May 2024 14:21

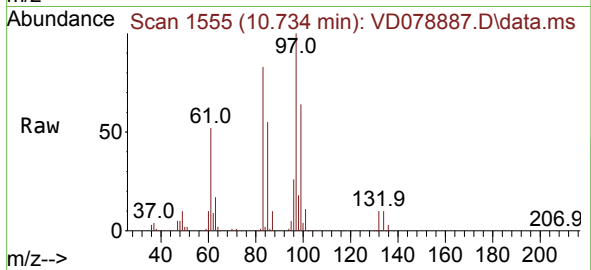
Tgt Ion: 75 Resp: 287228
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.4 38.0
 39 32.2 26.7 40.1



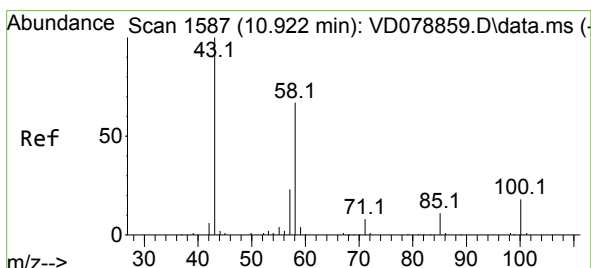
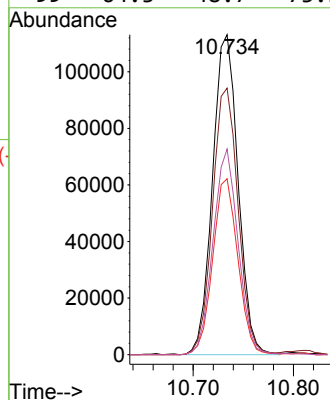
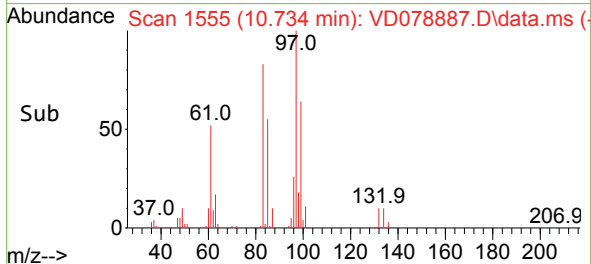


#55
1,1,2-Trichloroethane
Concen: 180.350 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078887.D
Acq: 08 May 2024 14:21

Instrument :
MSVOA_D
ClientSampleId :

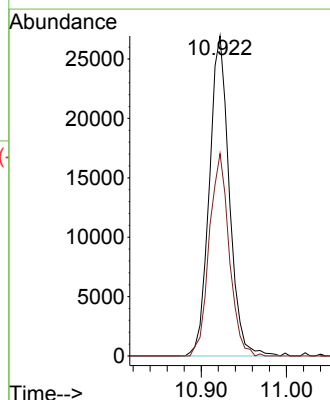
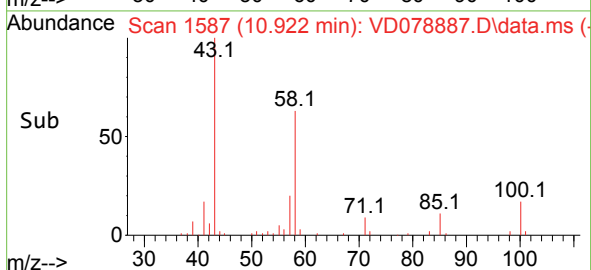
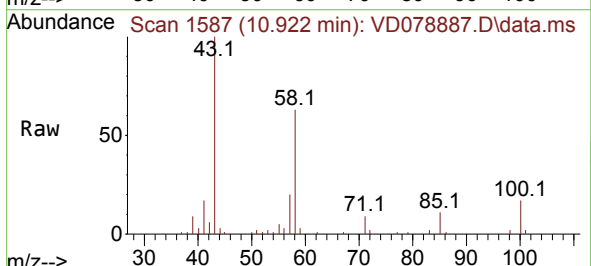


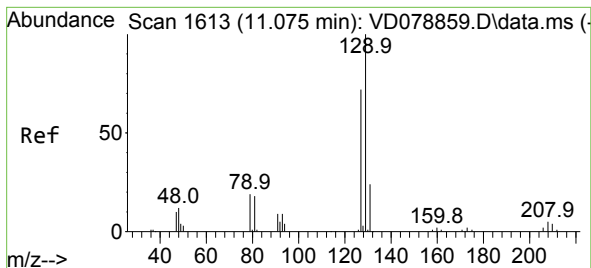
Tgt Ion:	97	Resp:	200316
Ion	Ratio	Lower	Upper
97	100		
83	83.3	68.1	102.1
85	55.0	48.2	72.2
99	64.3	48.7	73.1



#59
2-Hexanone
Concen: 102.125 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078887.D
Acq: 08 May 2024 14:21

Tgt Ion:	43	Resp:	43875
Ion	Ratio	Lower	Upper
43	100		
58	63.1	31.5	94.5





#60

Dibromochloromethane

Concen: 138.005 ug/l

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD078887.D

Acq: 08 May 2024 14:21

Instrument :

MSVOA_D

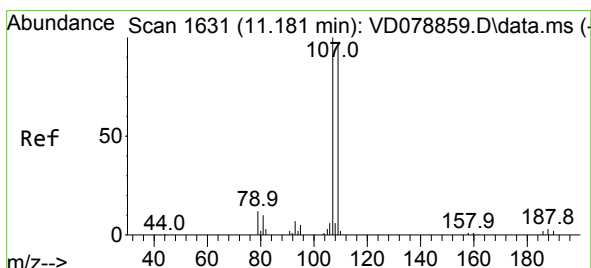
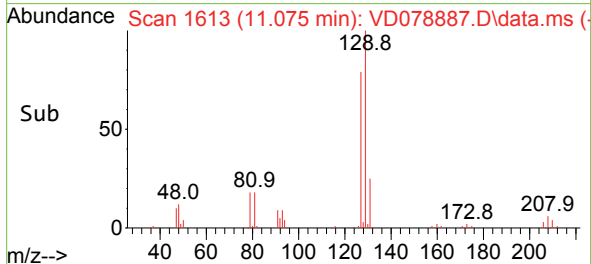
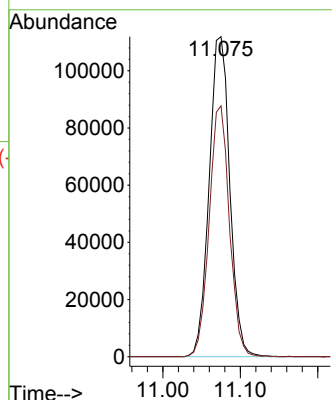
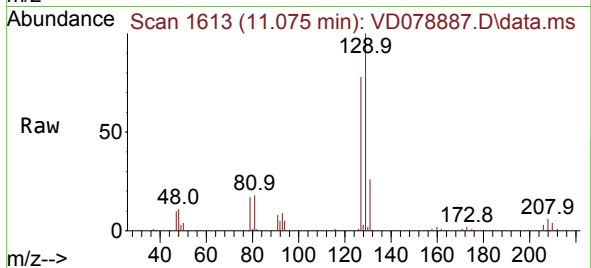
ClientSampleId :

Tgt Ion:129 Resp: 207758

Ion Ratio Lower Upper

129 100

127 76.7 38.8 116.3



#61

1,2-Dibromoethane

Concen: 94.423 ug/l

RT: 11.181 min Scan# 1631

Delta R.T. 0.000 min

Lab File: VD078887.D

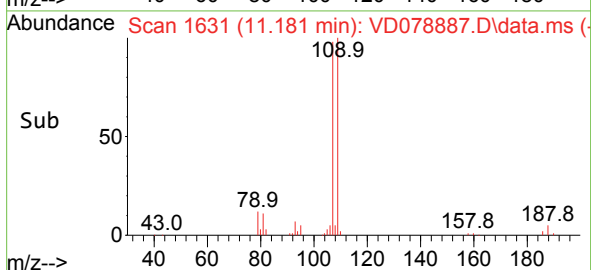
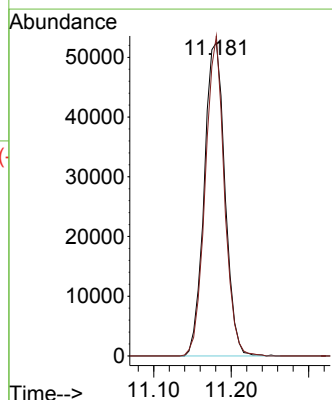
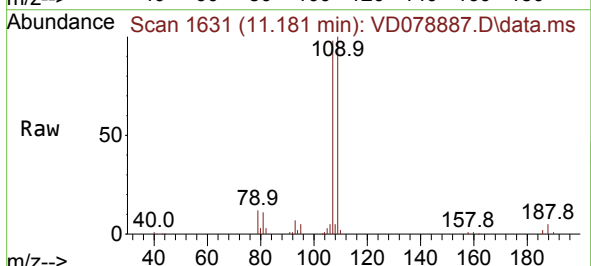
Acq: 08 May 2024 14:21

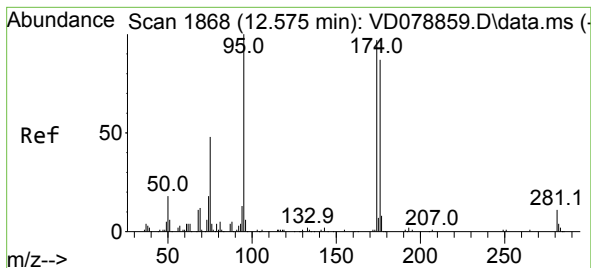
Tgt Ion:107 Resp: 97262

Ion Ratio Lower Upper

107 100

109 94.0 74.8 112.2

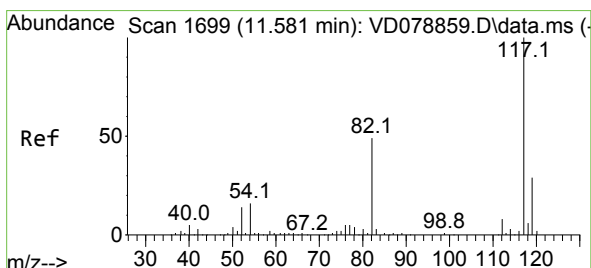
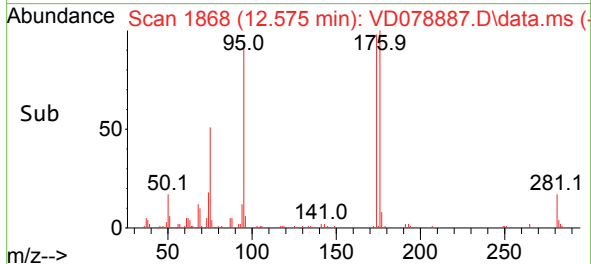
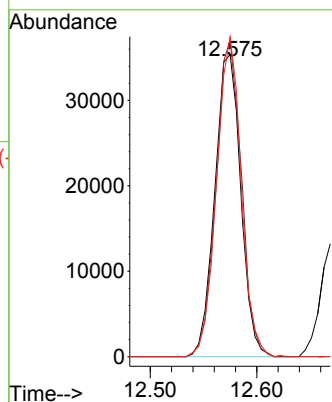
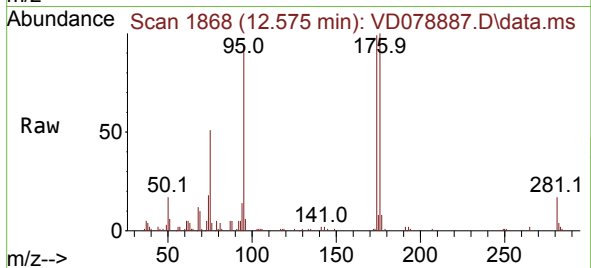




#62
4-Bromofluorobenzene
Concen: 37.350 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078887.D
Acq: 08 May 2024 14:21

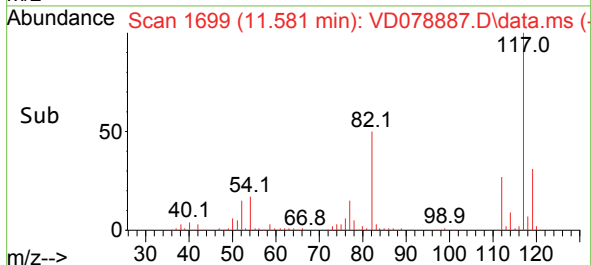
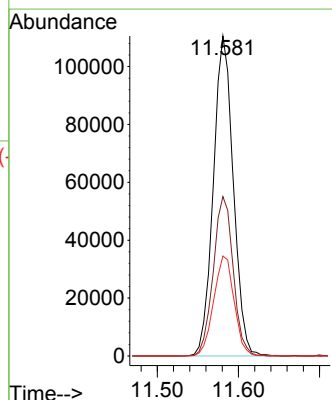
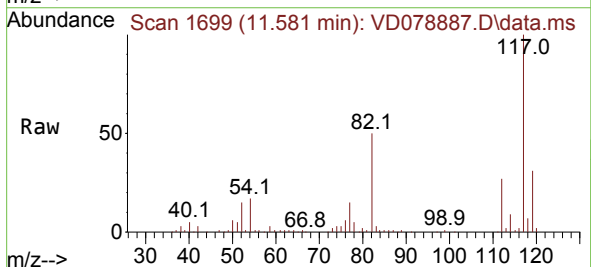
Instrument :
MSVOA_D
ClientSampleId :

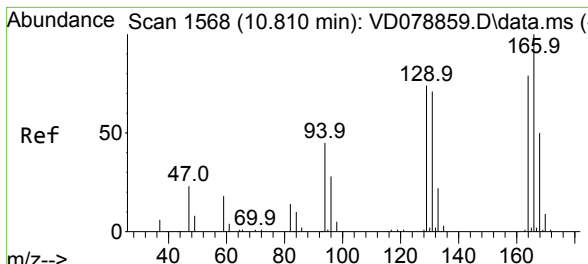
Tgt Ion: 95 Resp: 59730
Ion Ratio Lower Upper
95 100
174 102.0 0.0 195.2
176 100.2 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078887.D
Acq: 08 May 2024 14:21

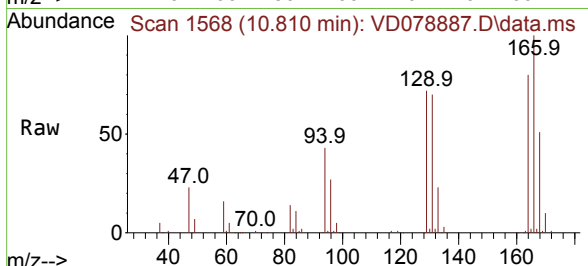
Tgt Ion: 117 Resp: 188905
Ion Ratio Lower Upper
117 100
82 49.8 41.4 62.2
119 31.3 26.5 39.7



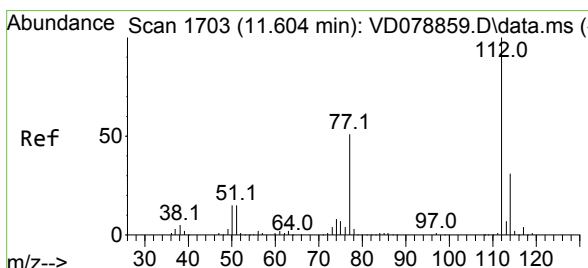
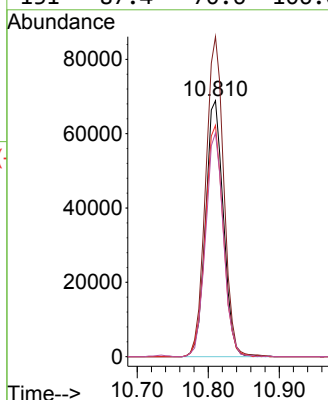
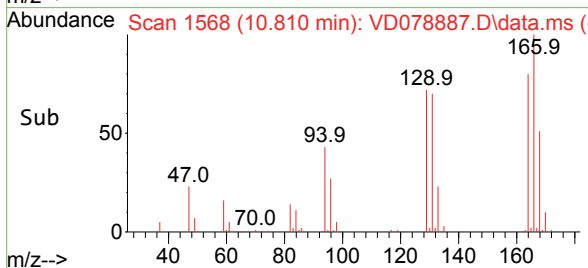


#64
Tetrachloroethene
Concen: 93.318 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078887.D
Acq: 08 May 2024 14:21

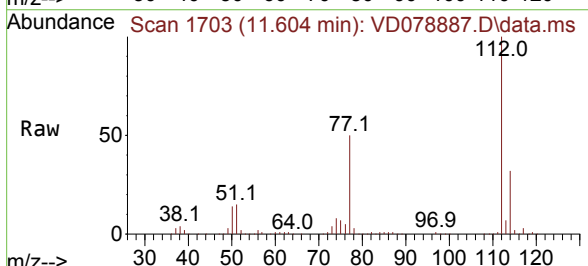
Instrument :
MSVOA_D
ClientSampleId :



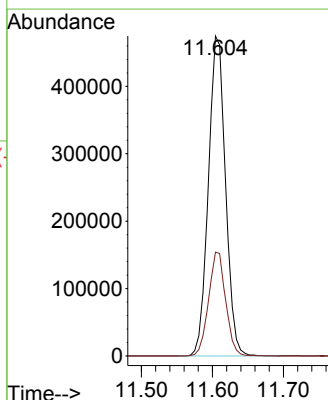
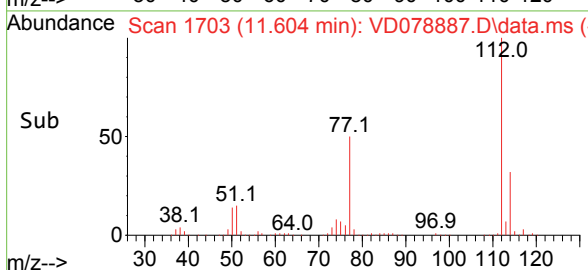
Tgt Ion:164 Resp: 120240
Ion Ratio Lower Upper
164 100
166 125.0 98.9 148.3
129 90.3 70.3 105.5
131 87.4 70.6 106.0

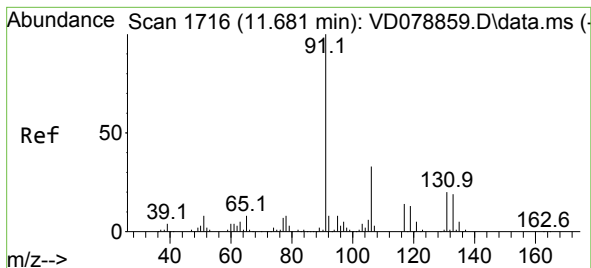


#65
Chlorobenzene
Concen: 183.424 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078887.D
Acq: 08 May 2024 14:21



Tgt Ion:112 Resp: 795208
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.6





#67

Ethyl Benzene

Concen: 32.754 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078887.D

Acq: 08 May 2024 14:21

Instrument :

MSVOA_D

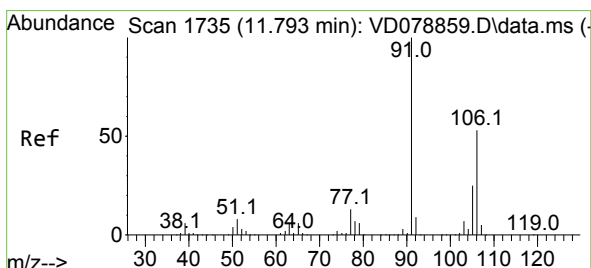
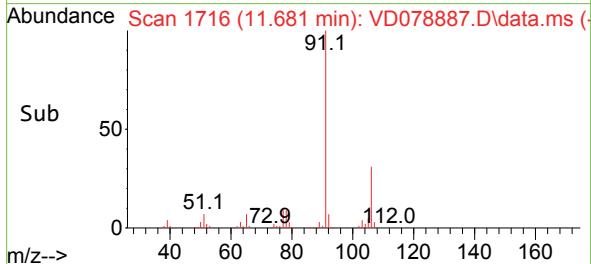
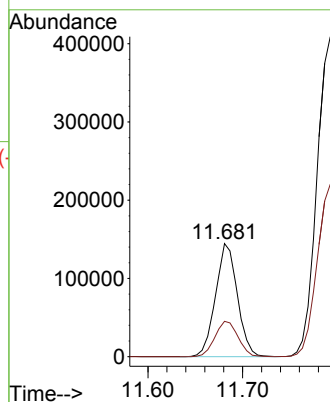
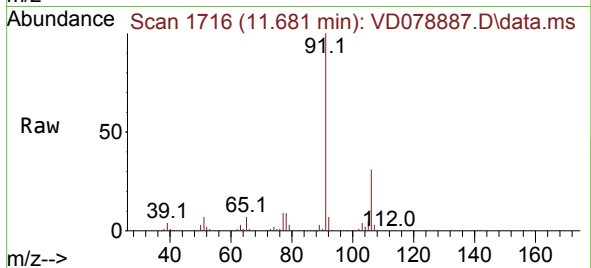
ClientSampleId :

Tgt Ion: 91 Resp: 232267

Ion Ratio Lower Upper

91 100

106 31.2 24.5 36.7



#68

m/p-Xylenes

Concen: 140.333 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078887.D

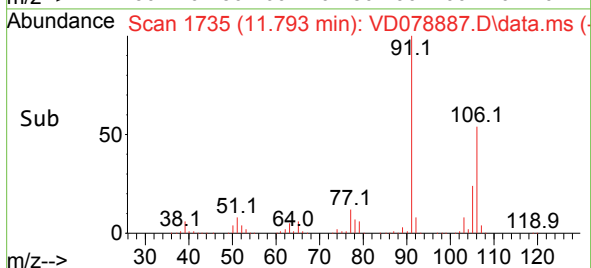
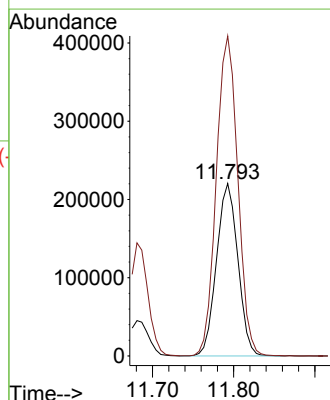
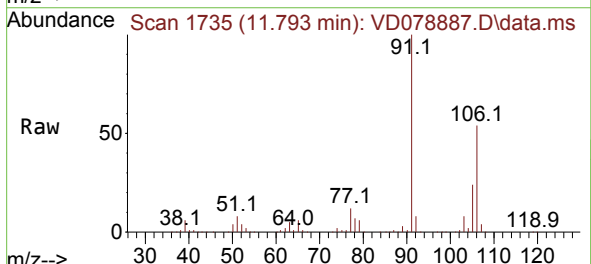
Acq: 08 May 2024 14:21

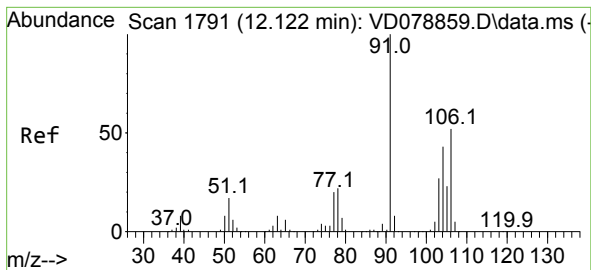
Tgt Ion:106 Resp: 402927

Ion Ratio Lower Upper

106 100

91 187.0 154.4 231.6

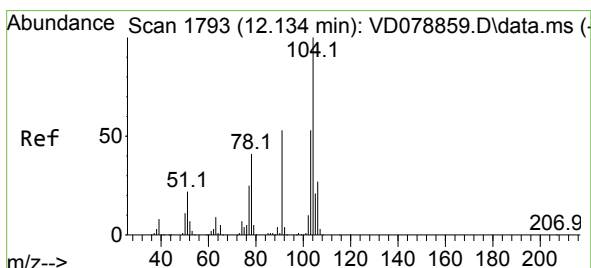
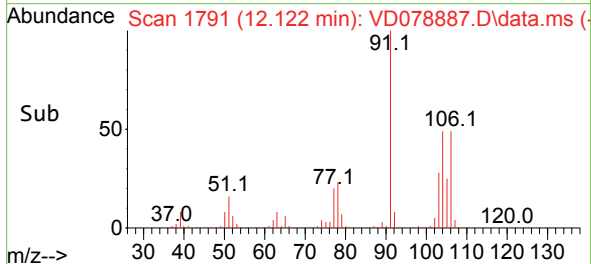
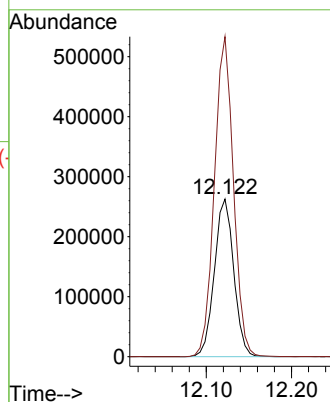
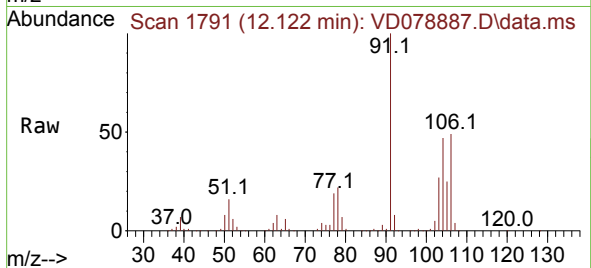




#69
o-Xylene
Concen: 158.202 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078887.D
Acq: 08 May 2024 14:21

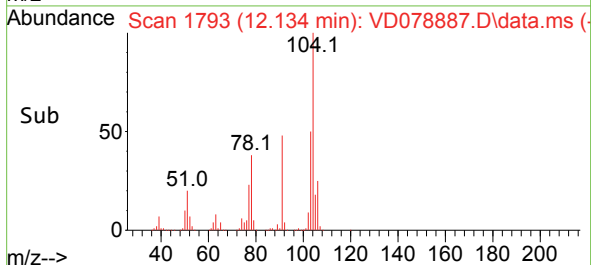
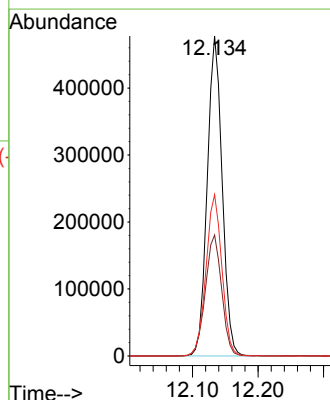
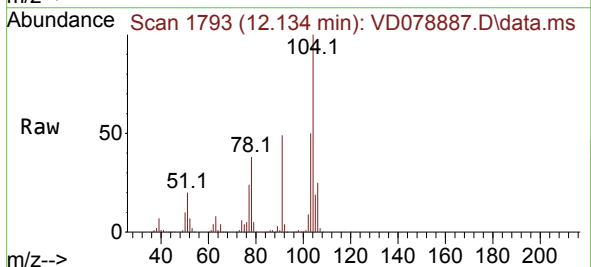
Instrument :
MSVOA_D
ClientSampleId :

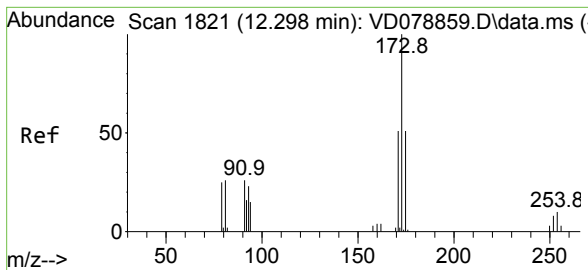
Tgt Ion:106 Resp: 415280
Ion Ratio Lower Upper
106 100
91 199.7 99.6 298.7



#70
Styrene
Concen: 163.853 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078887.D
Acq: 08 May 2024 14:21

Tgt Ion:104 Resp: 756275
Ion Ratio Lower Upper
104 100
78 41.4 34.6 52.0
103 53.7 44.2 66.2





#71

Bromoform

Concen: 86.758 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078887.D

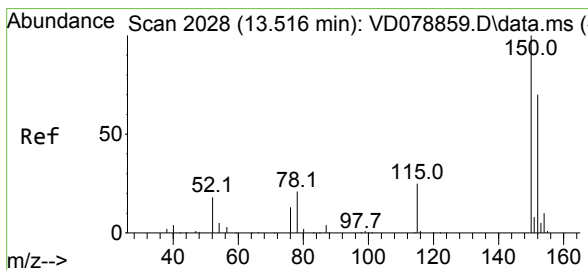
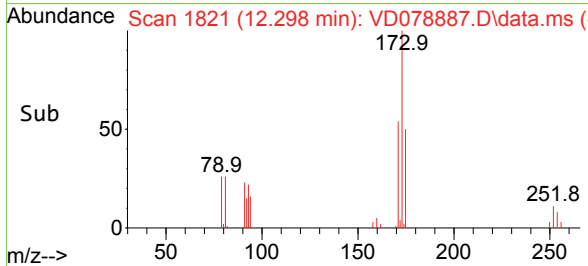
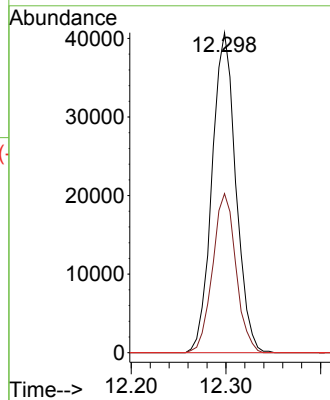
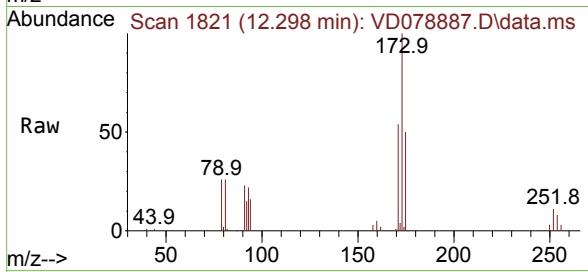
Acq: 08 May 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	71214
Ion Ratio	Lower	Upper
173	100	
175	48.7	25.8 77.4
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

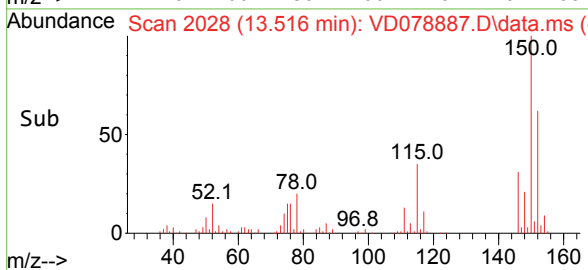
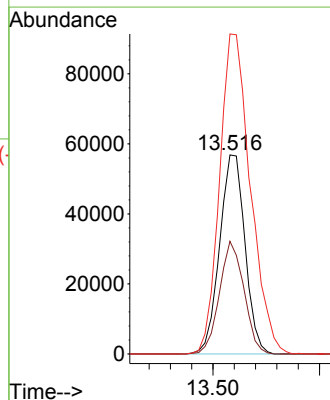
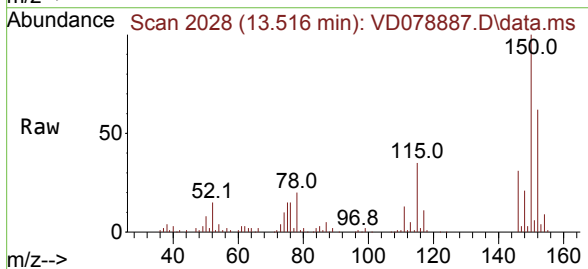
RT: 13.516 min Scan# 2028

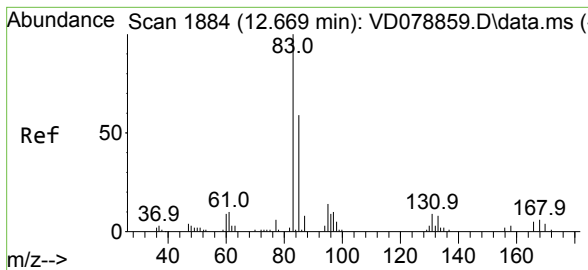
Delta R.T. 0.000 min

Lab File: VD078887.D

Acq: 08 May 2024 14:21

Tgt Ion:152	Resp:	93899
Ion Ratio	Lower	Upper
152	100	
115	54.5	27.1 81.2
150	195.1	0.0 350.2

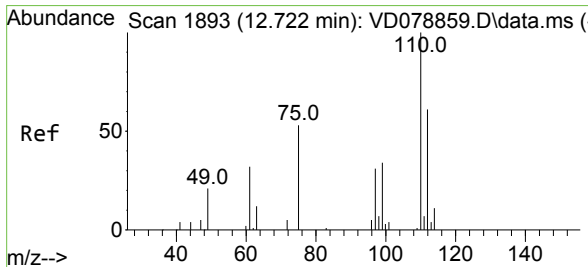
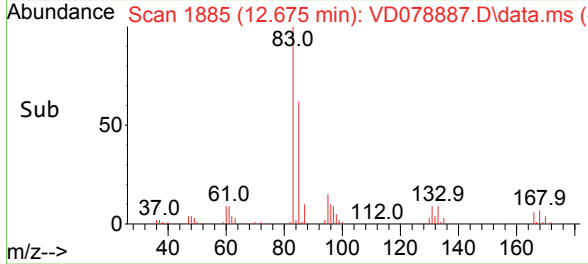
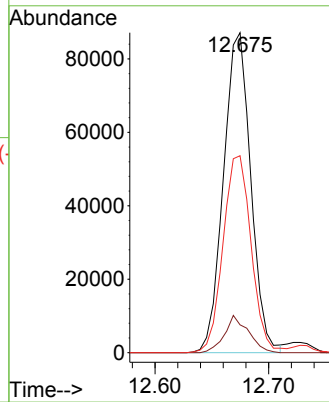
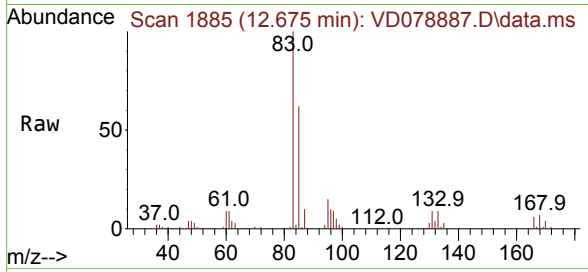




#75
1,1,2,2-Tetrachloroethane
Concen: 122.723 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD078887.D
Acq: 08 May 2024 14:21

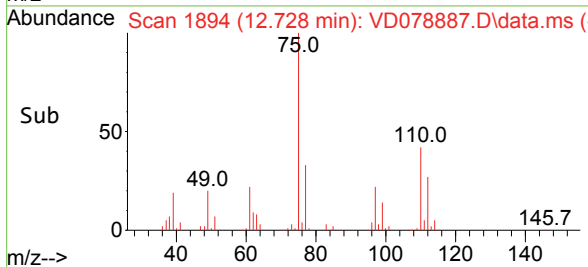
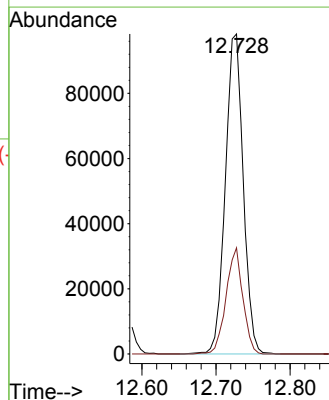
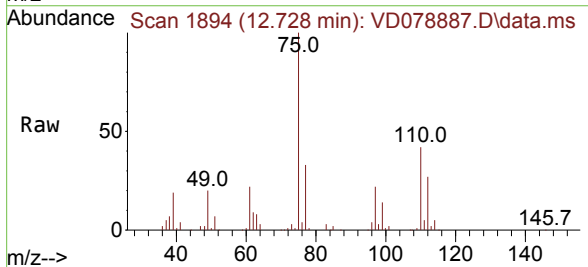
Instrument :
MSVOA_D
ClientSampleId :

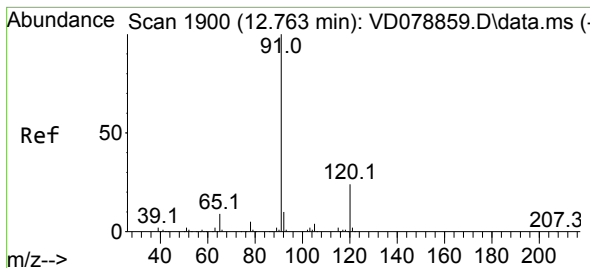
Tgt Ion: 83 Resp: 145537
Ion Ratio Lower Upper
83 100
131 10.2 4.9 14.7
85 63.5 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 210.642 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD078887.D
Acq: 08 May 2024 14:21

Tgt Ion: 75 Resp: 164551
Ion Ratio Lower Upper
75 100
77 31.2 0.0 0.0#





#78

n-propylbenzene

Concen: 115.000 ug/l

RT: 12.945 min Scan# 1931

Delta R.T. 0.182 min

Lab File: VD078887.D

Acq: 08 May 2024 14:21

Instrument :

MSVOA_D

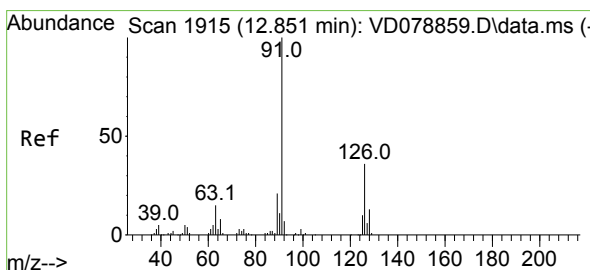
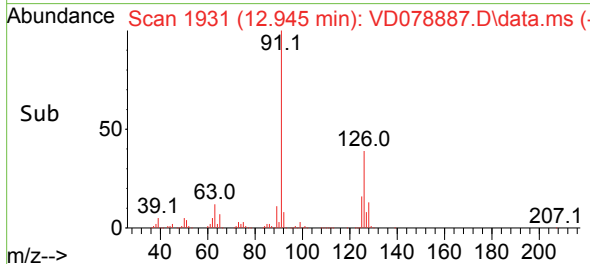
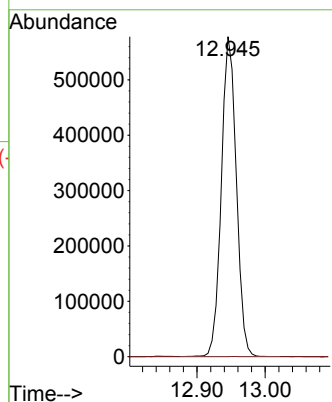
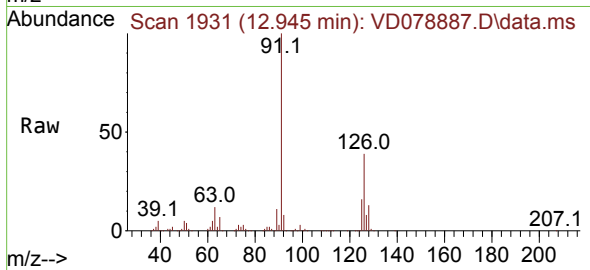
ClientSampleId :

Tgt Ion: 91 Resp: 882125

Ion Ratio Lower Upper

91 100

120 0.0 11.7 35.1#



#79

2-Chlorotoluene

Concen: 206.038 ug/l

RT: 12.945 min Scan# 1931

Delta R.T. 0.094 min

Lab File: VD078887.D

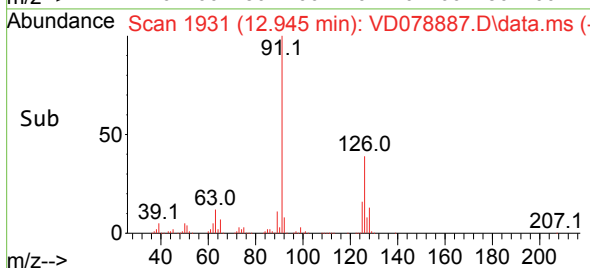
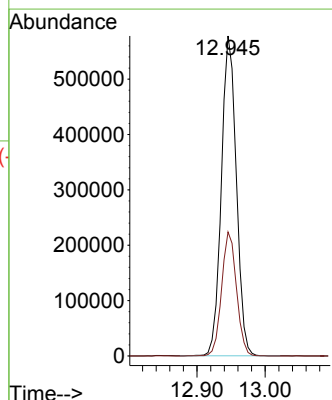
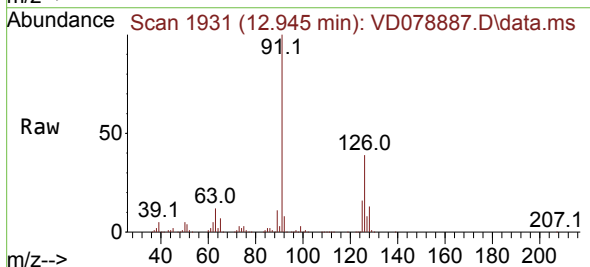
Acq: 08 May 2024 14:21

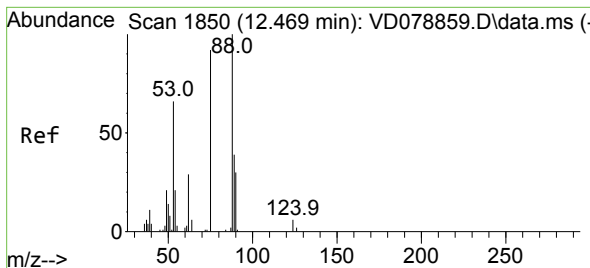
Tgt Ion: 91 Resp: 882125

Ion Ratio Lower Upper

91 100

126 38.5 19.4 58.1

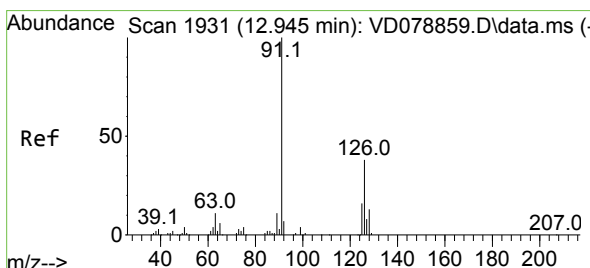
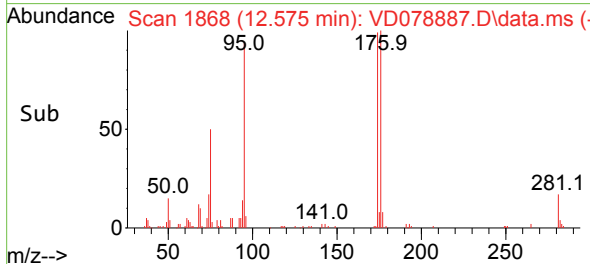
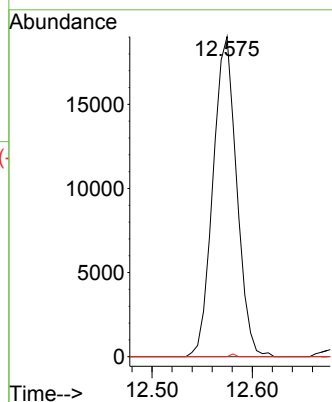
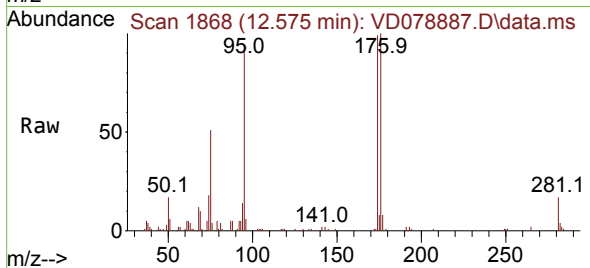




#81
trans-1,4-Dichloro-2-butene
Concen: 77.962 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078887.D
Acq: 08 May 2024 14:21

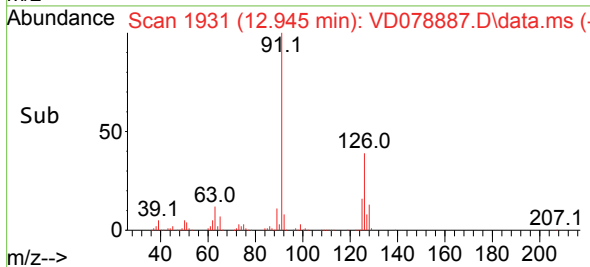
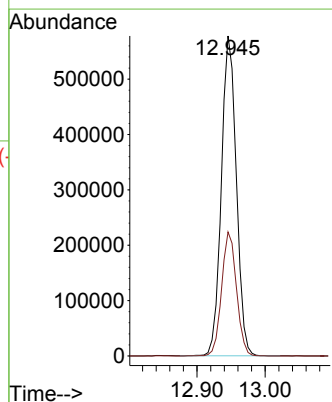
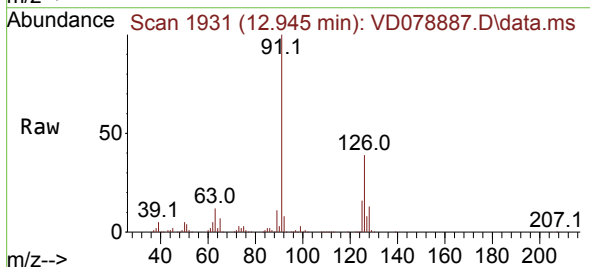
Instrument :
MSVOA_D
ClientSampleId :

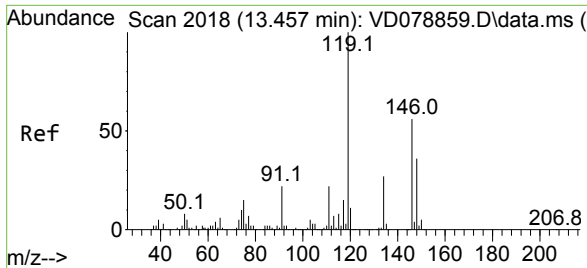
Tgt Ion: 75 Resp: 31171
Ion Ratio Lower Upper
75 100
53 0.0 61.0 91.6#
89 0.2 35.4 53.0#



#82
4-Chlorotoluene
Concen: 193.206 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078887.D
Acq: 08 May 2024 14:21

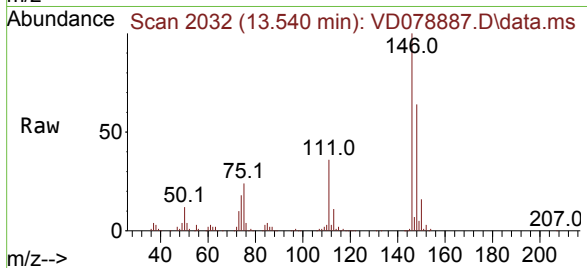
Tgt Ion: 91 Resp: 882125
Ion Ratio Lower Upper
91 100
126 38.5 18.9 56.5



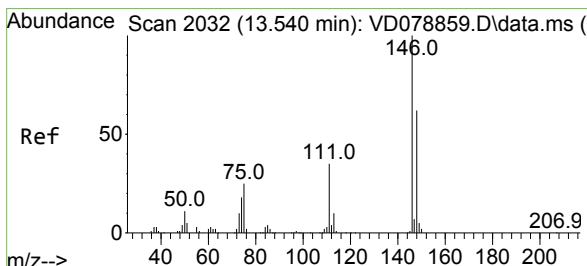
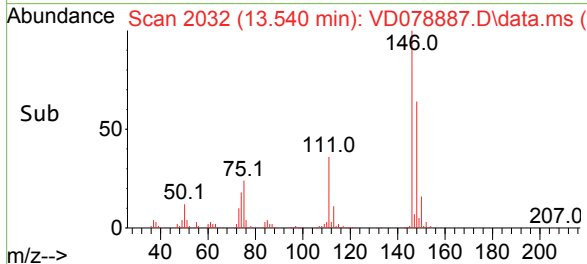
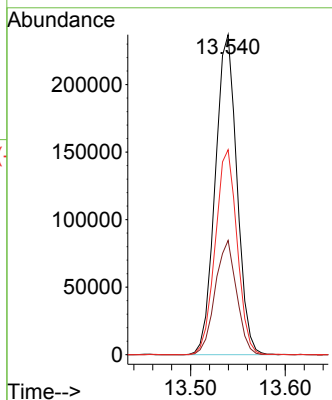


#87
 1,3-Dichlorobenzene
 Concen: 110.693 ug/l
 RT: 13.540 min Scan# 2018
 Delta R.T. 0.082 min
 Lab File: VD078887.D
 Acq: 08 May 2024 14:21

Instrument :
 MSVOA_D
 ClientSampleId :

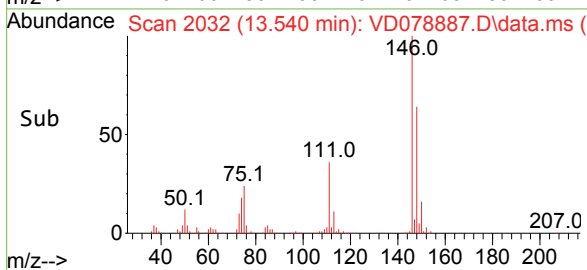
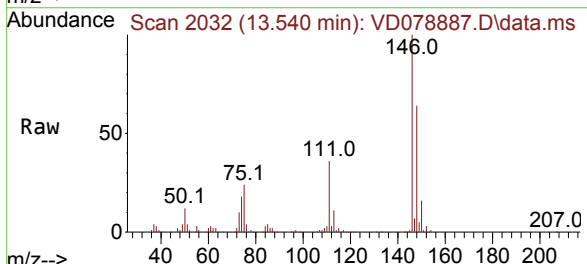
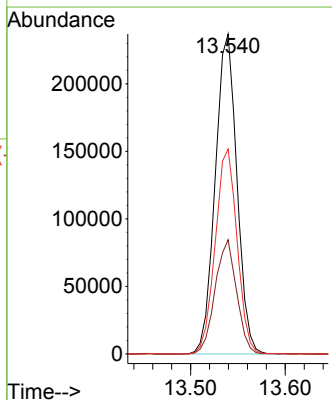


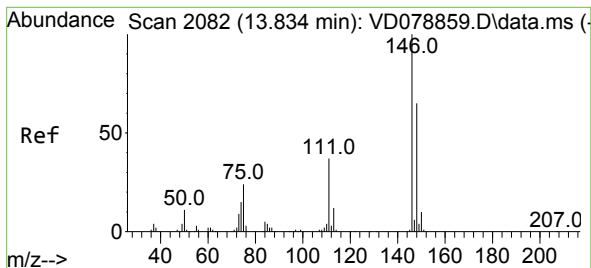
Tgt Ion:146 Resp: 376979
 Ion Ratio Lower Upper
 146 100
 111 35.5 18.2 54.6
 148 64.6 31.1 93.5



#88
 1,4-Dichlorobenzene
 Concen: 111.822 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD078887.D
 Acq: 08 May 2024 14:21

Tgt Ion:146 Resp: 376979
 Ion Ratio Lower Upper
 146 100
 111 35.5 17.8 53.3
 148 64.6 32.4 97.0





#91

1,2-Dichlorobenzene

Concen: 35.208 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

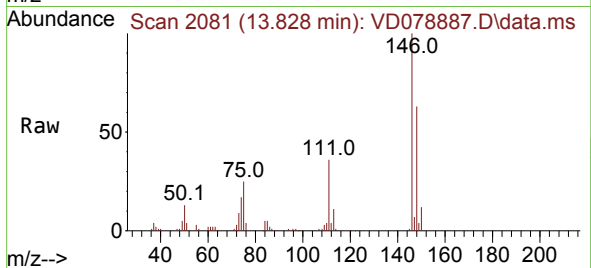
Lab File: VD078887.D

Acq: 08 May 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :



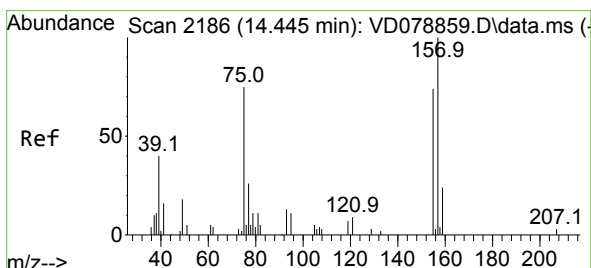
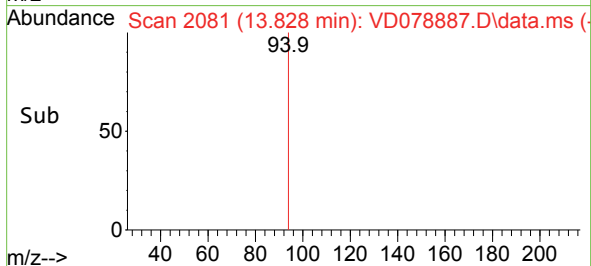
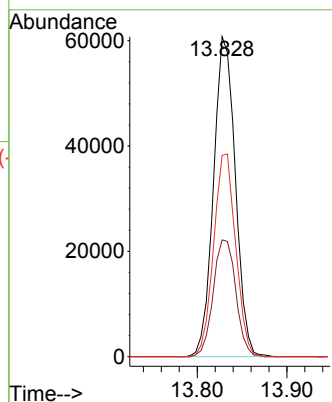
Tgt Ion:146 Resp: 102620

Ion Ratio Lower Upper

146 100

111 37.8 18.6 56.0

148 63.9 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 190.304 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD078887.D

Acq: 08 May 2024 14:21

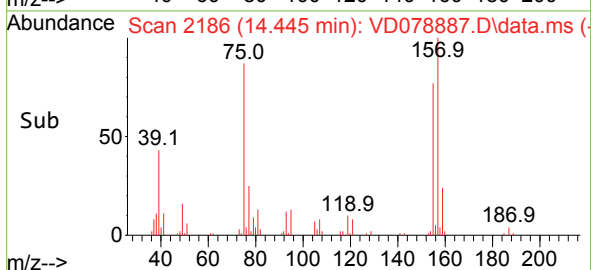
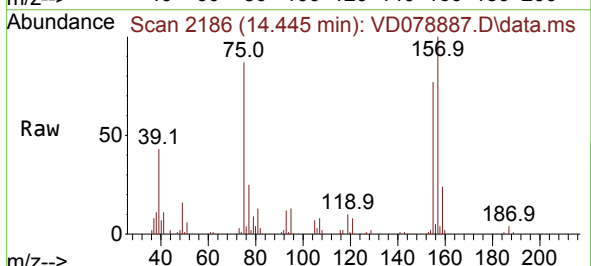
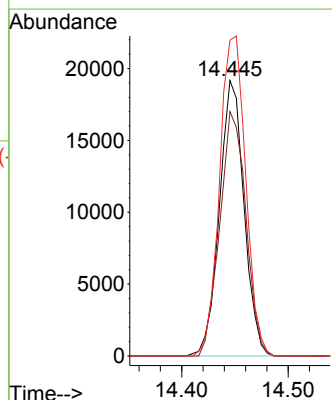
Tgt Ion: 75 Resp: 30725

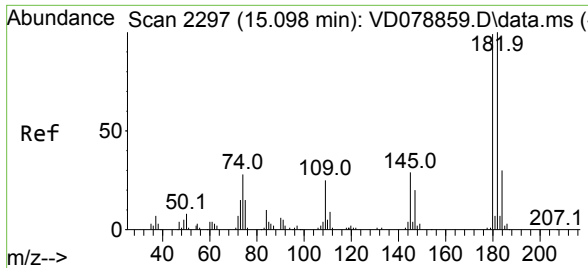
Ion Ratio Lower Upper

75 100

155 94.1 49.8 149.3

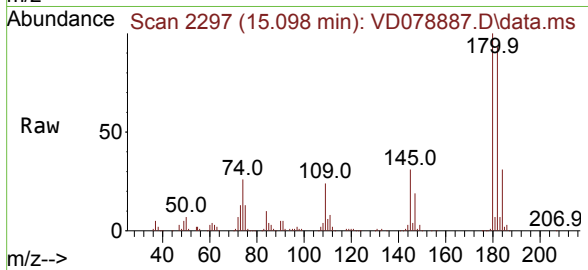
157 123.2 65.5 196.3





#93
 1,2,4-Trichlorobenzene
 Concen: 192.385 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078887.D
 Acq: 08 May 2024 14:21

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:180 Resp: 311507
 Ion Ratio Lower Upper
 180 100
 182 94.1 49.7 149.1
 145 29.1 14.6 44.0

