

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011124\
 Data File : VD078147.D
 Acq On : 11 Jan 2024 12:49
 Operator : RP/MD
 Sample : P1104-03
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 12 00:36:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 01:29:14 2024
 Response via : Initial Calibration

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

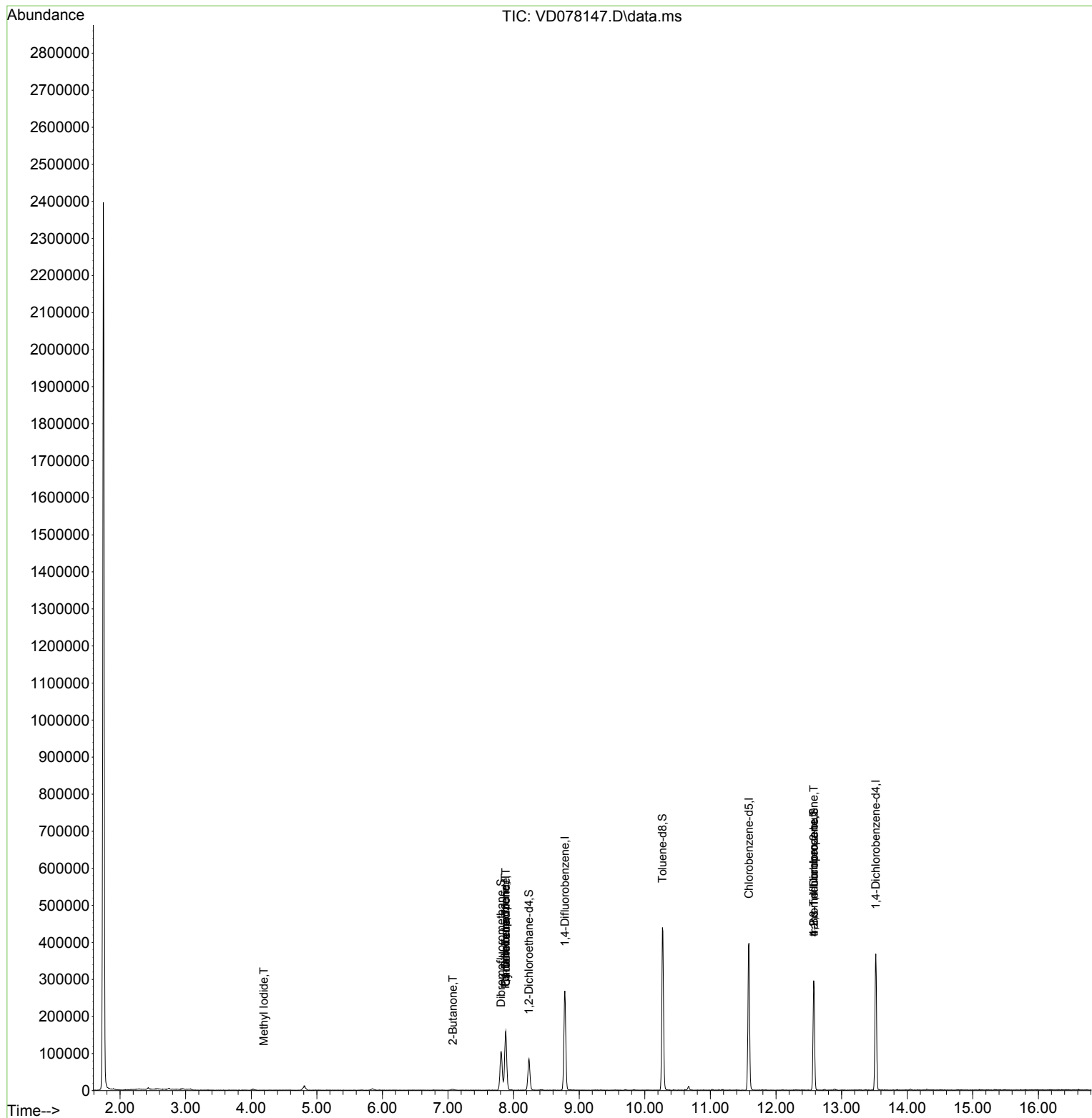
Internal Standards						
1) Pentafluorobenzene	7.875	168	118516	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	238819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	230113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	96018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	63930	51.238	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 102.480%		
35) Dibromofluoromethane	7.811	113	76113	44.222	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 88.440%		
50) Toluene-d8	10.269	98	298852	51.774	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 103.540%		
62) 4-Bromofluorobenzene	12.575	95	86642	43.119	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 86.240%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.193	142	238	1.338	ug/l	# 46
16) Acetone	4.017	43	5340	Below Cal	#	84
20) Methylene Chloride	4.805	84	6992	Below Cal	#	86
25) 2-Butanone	7.075	43	464	1.204	ug/l	# 37
31) Cyclohexane	7.881	56	3120	1.653	ug/l	# 60
36) 1,1-Dichloropropene	7.875	75	10264	4.417	ug/l	# 47
38) Carbon Tetrachloride	7.881	117	12053	4.503	ug/l	# 16
76) 1,2,3-Trichloropropane	12.575	75	47409	50.150	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	47409	111.763	ug/l	# 17

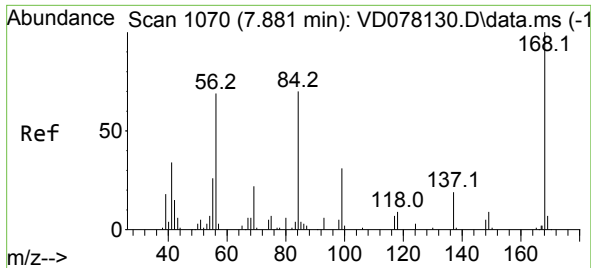
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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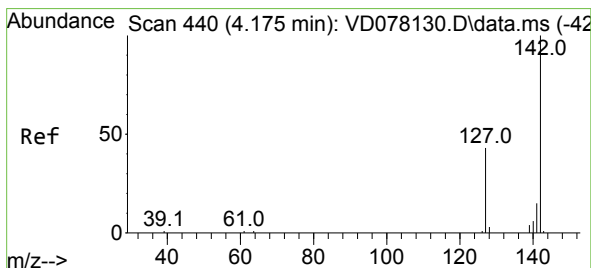
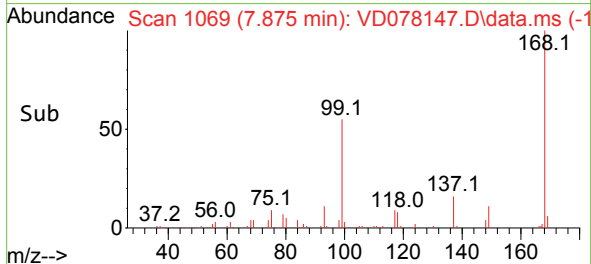
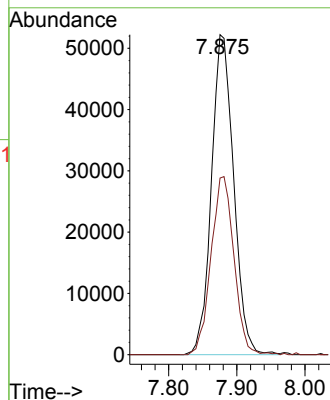
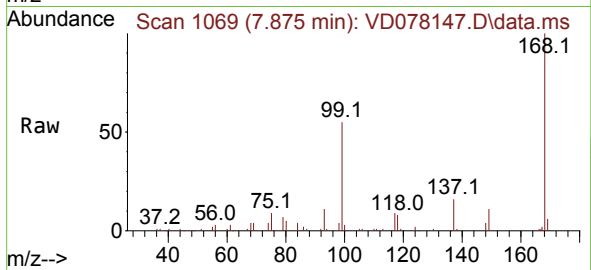




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VD078147.D
Acq: 11 Jan 2024 12:49

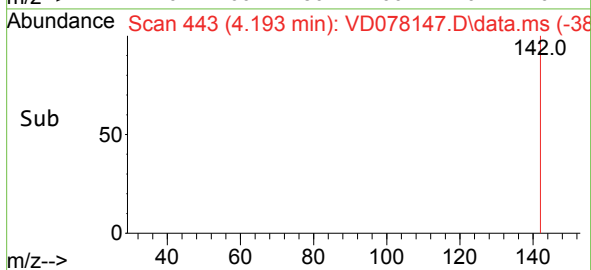
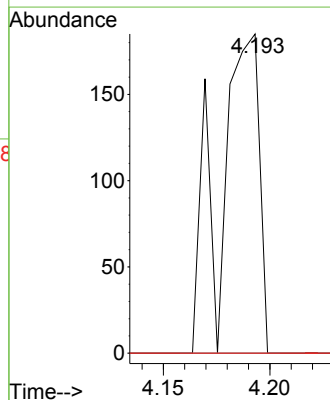
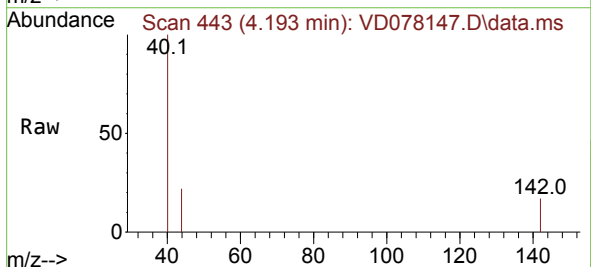
Instrument :
MSVOA_D
ClientSampleId :

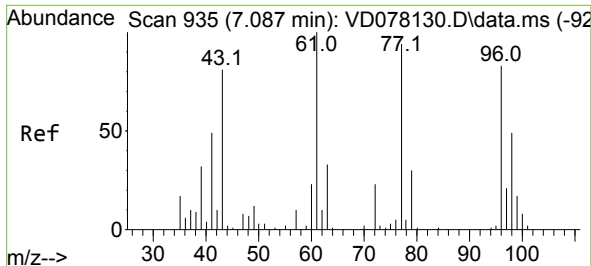
Tgt Ion:168 Resp: 118516
Ion Ratio Lower Upper
168 100
99 55.2 36.7 55.1#



#10
Methyl Iodide
Concen: 1.338 ug/l
RT: 4.193 min Scan# 443
Delta R.T. 0.018 min
Lab File: VD078147.D
Acq: 11 Jan 2024 12:49

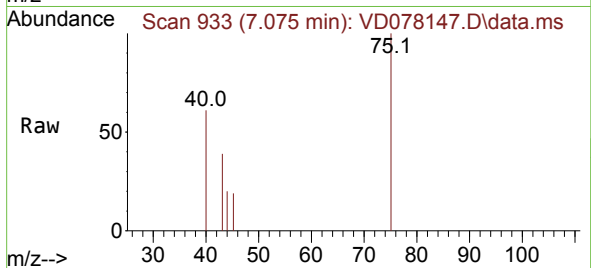
Tgt Ion:142 Resp: 238
Ion Ratio Lower Upper
142 100
127 0.0 29.4 44.0#
141 0.0 11.1 16.7#



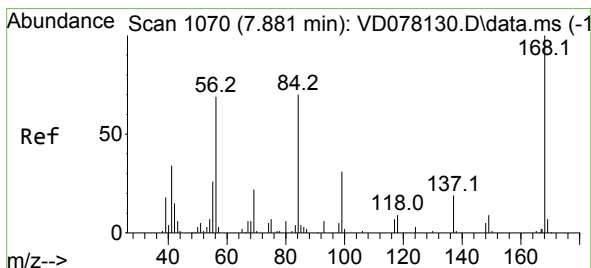
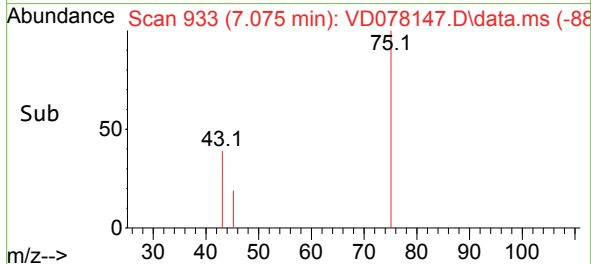
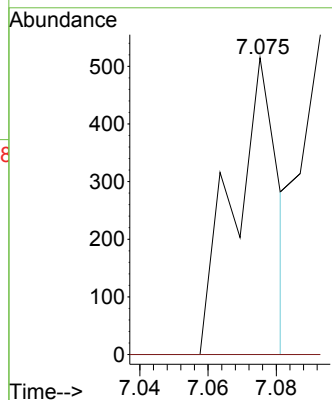


#25
2-Butanone
Concen: 1.204 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD078147.D
Acq: 11 Jan 2024 12:49

Instrument :
MSVOA_D
ClientSampleId :

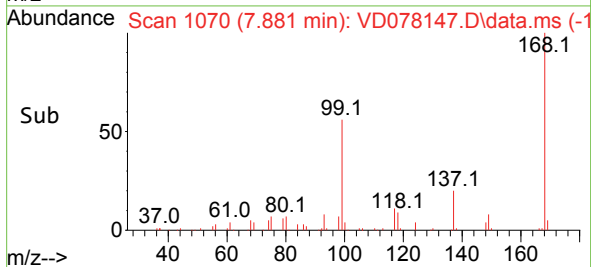
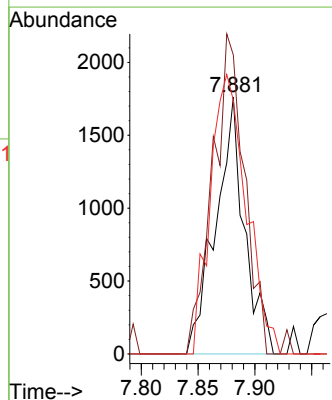
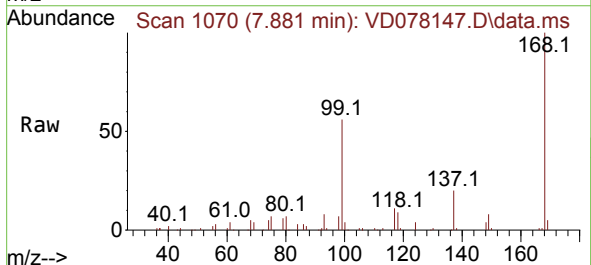


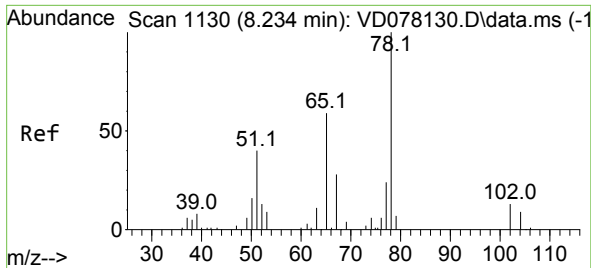
Tgt Ion: 43 Resp: 464
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.653 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078147.D
Acq: 11 Jan 2024 12:49

Tgt Ion: 56 Resp: 3120
Ion Ratio Lower Upper
56 100
69 116.3 28.6 43.0#
84 98.8 84.8 127.2

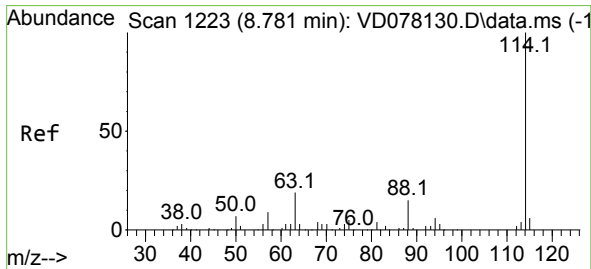
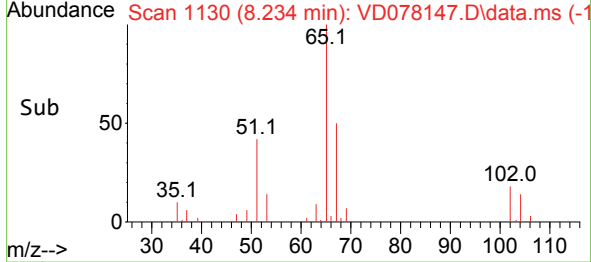
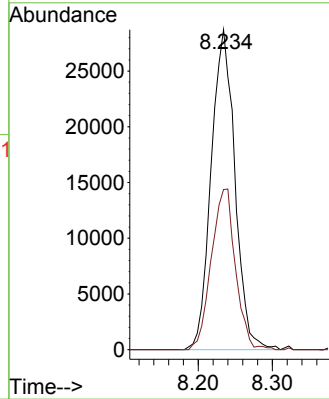
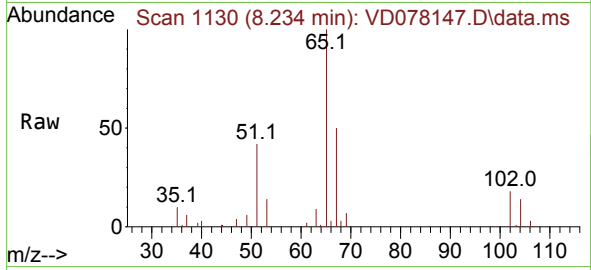




#33
1,2-Dichloroethane-d4
Concen: 51.238 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078147.D
Acq: 11 Jan 2024 12:49

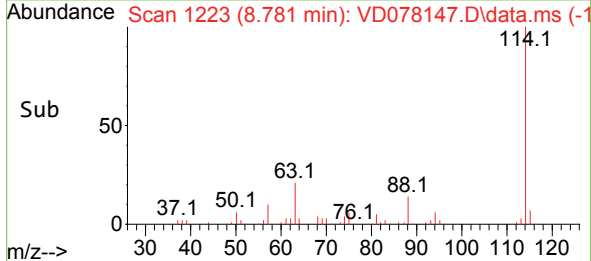
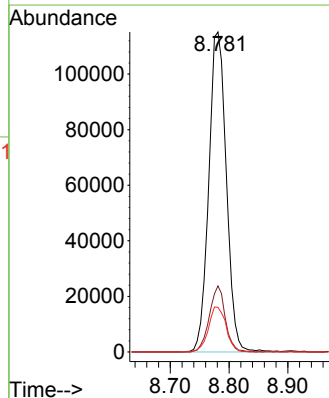
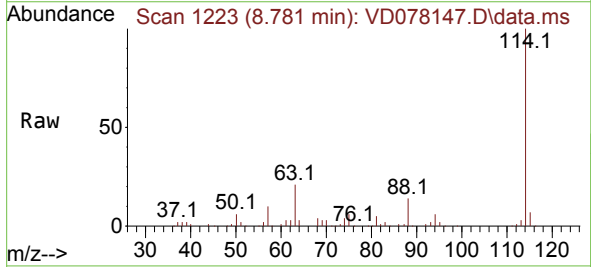
Instrument :
MSVOA_D
ClientSampleId :

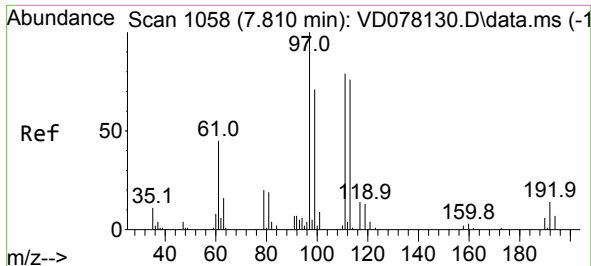
Tgt Ion: 65 Resp: 63930
Ion Ratio Lower Upper
65 100
67 51.0 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD078147.D
Acq: 11 Jan 2024 12:49

Tgt Ion:114 Resp: 238819
Ion Ratio Lower Upper
114 100
63 20.6 0.0 33.4
88 14.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 44.222 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.000 min

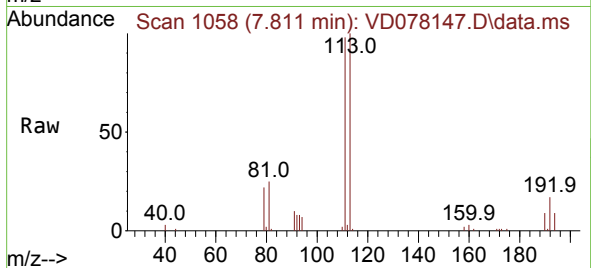
Lab File: VD078147.D

Acq: 11 Jan 2024 12:49

Instrument :

MSVOA_D

ClientSampleId :



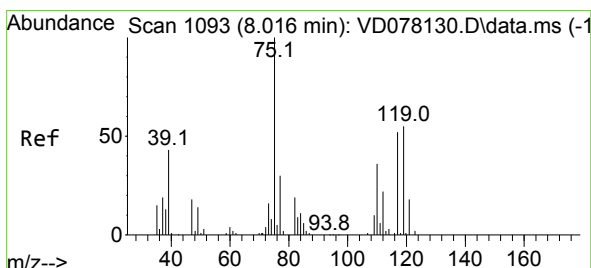
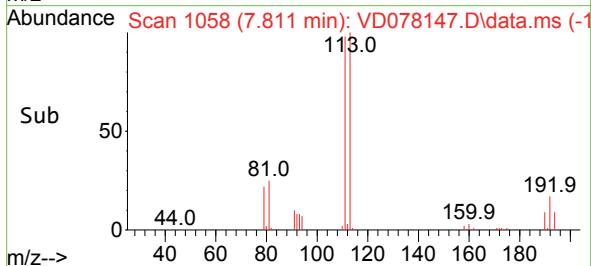
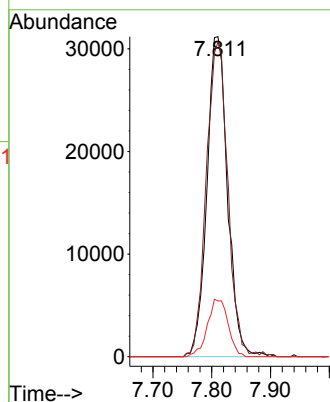
Tgt Ion:113 Resp: 76113

Ion Ratio Lower Upper

113 100

111 101.8 84.7 127.1

192 18.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 4.417 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.141 min

Lab File: VD078147.D

Acq: 11 Jan 2024 12:49

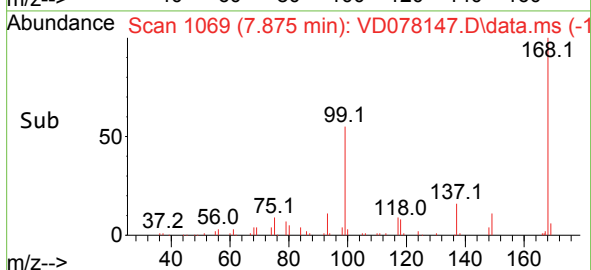
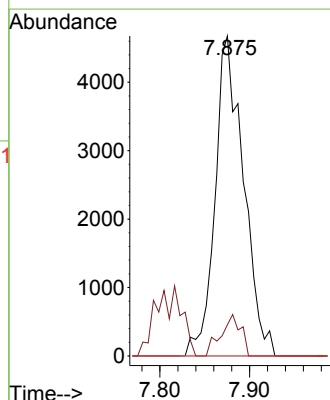
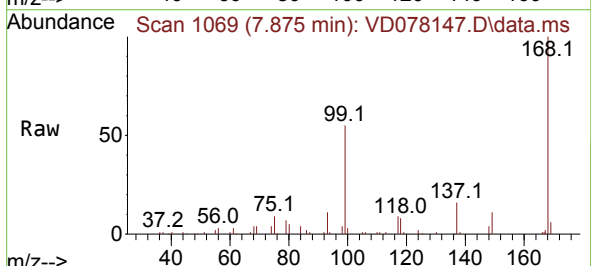
Tgt Ion: 75 Resp: 10264

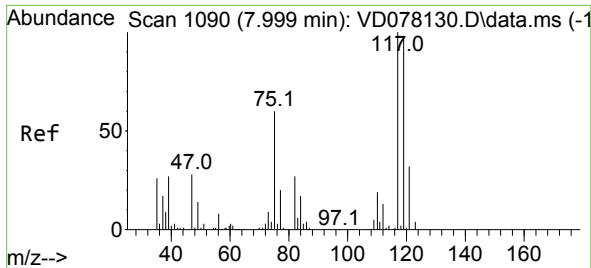
Ion Ratio Lower Upper

75 100

110 9.1 19.9 59.6#

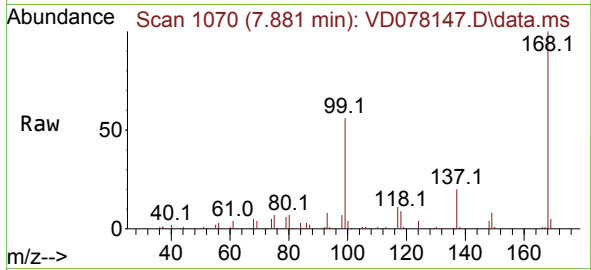
77 0.0 24.7 37.1#



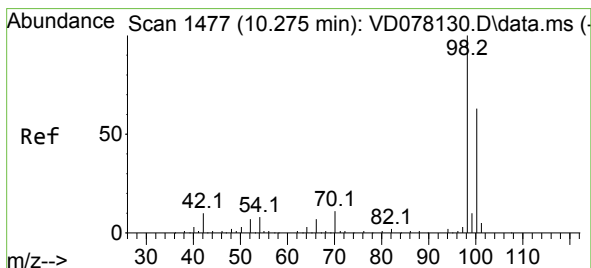
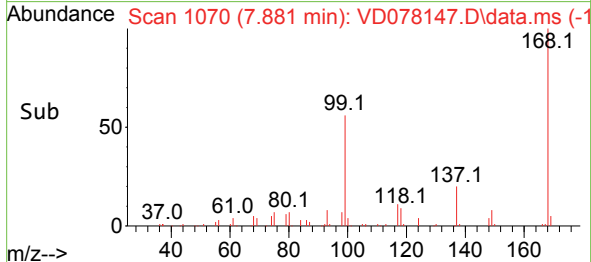
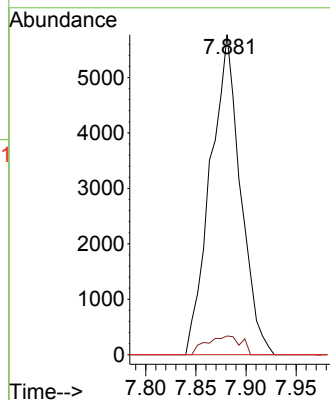


#38
Carbon Tetrachloride
Concen: 4.503 ug/l
RT: 7.881 min Scan# 1090
Delta R.T. -0.118 min
Lab File: VD078147.D
Acq: 11 Jan 2024 12:49

Instrument :
MSVOA_D
ClientSampleId :

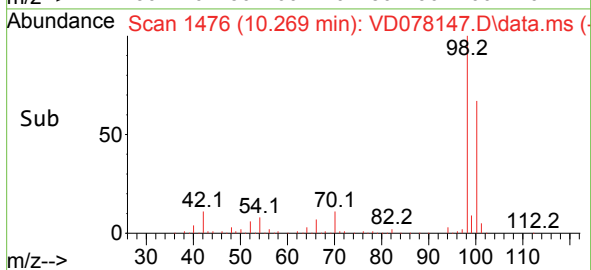
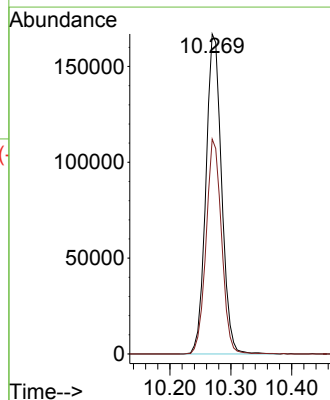
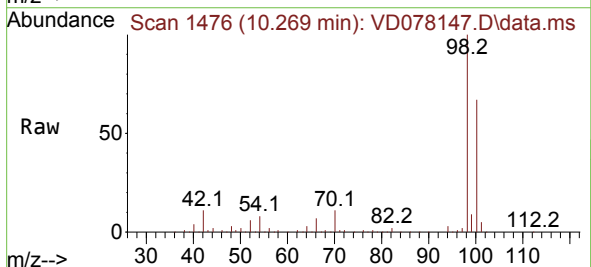


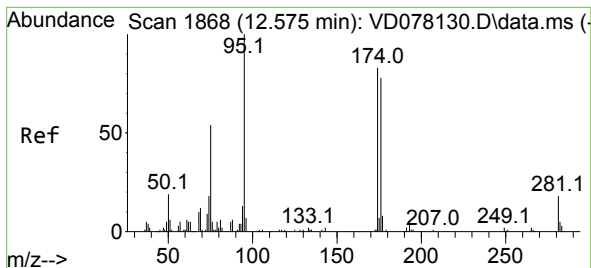
Tgt Ion:117 Resp: 12053
Ion Ratio Lower Upper
117 100
119 5.9 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 51.774 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VD078147.D
Acq: 11 Jan 2024 12:49

Tgt Ion: 98 Resp: 298852
Ion Ratio Lower Upper
98 100
100 66.2 50.3 75.5

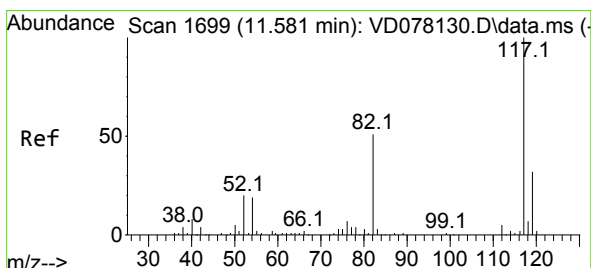
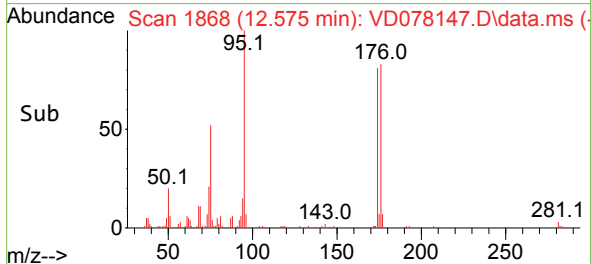
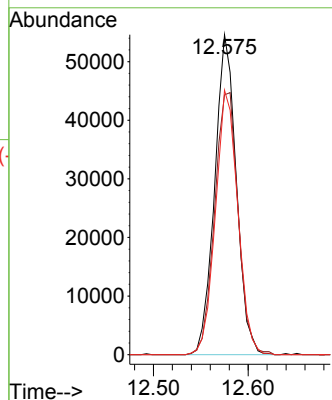
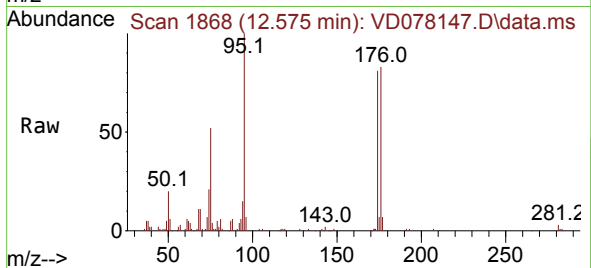




#62
4-Bromofluorobenzene
Concen: 43.119 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078147.D
Acq: 11 Jan 2024 12:49

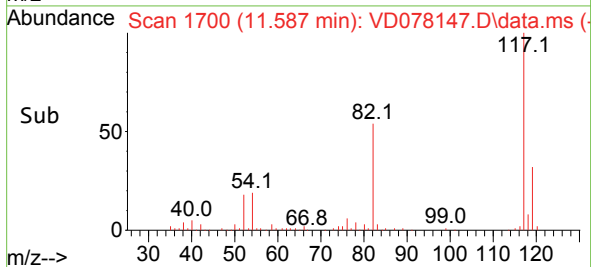
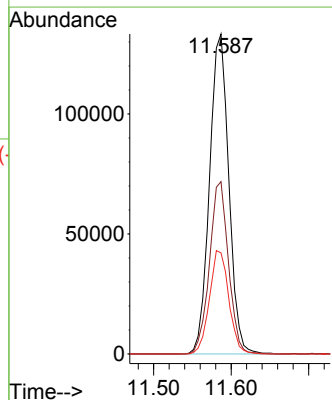
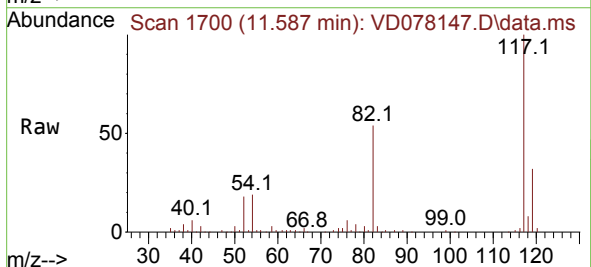
Instrument :
MSVOA_D
ClientSampleId :

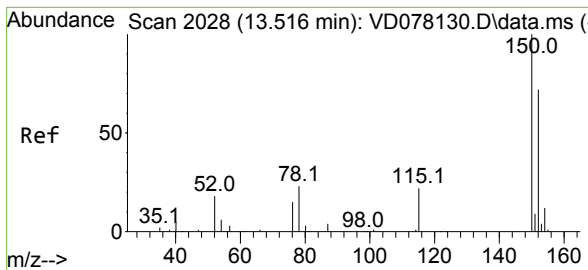
Tgt Ion: 95 Resp: 86642
Ion Ratio Lower Upper
95 100
174 88.9 0.0 201.8
176 85.3 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD078147.D
Acq: 11 Jan 2024 12:49

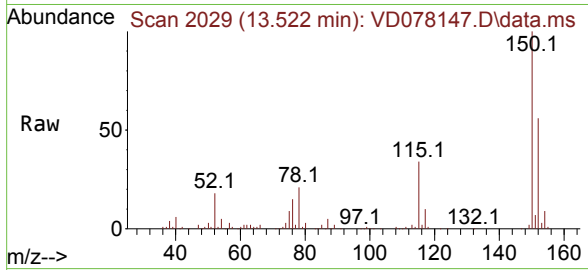
Tgt Ion: 117 Resp: 230113
Ion Ratio Lower Upper
117 100
82 53.8 38.3 57.5
119 31.6 25.0 37.4



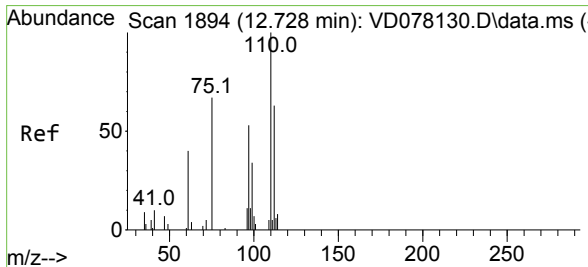
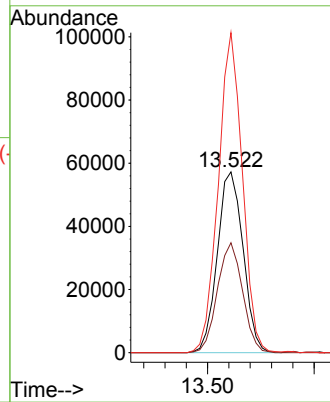
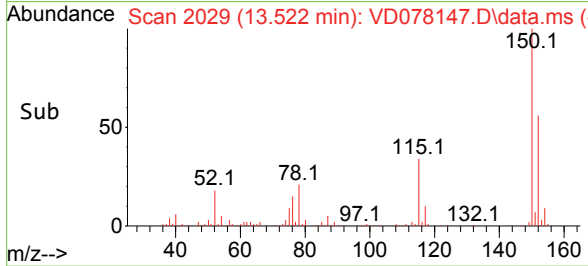


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD078147.D
Acq: 11 Jan 2024 12:49

Instrument :
MSVOA_D
ClientSampleId :

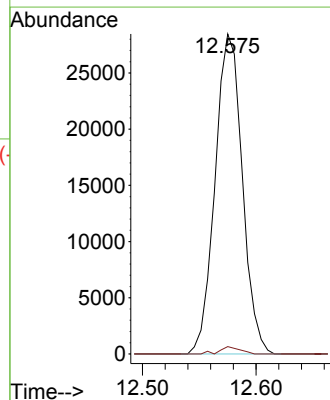
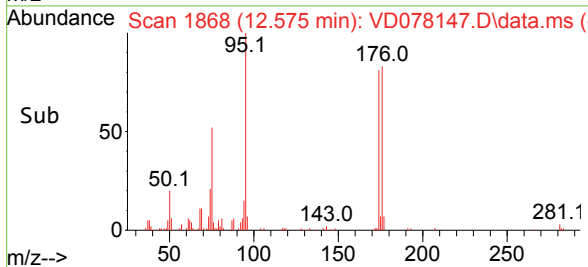
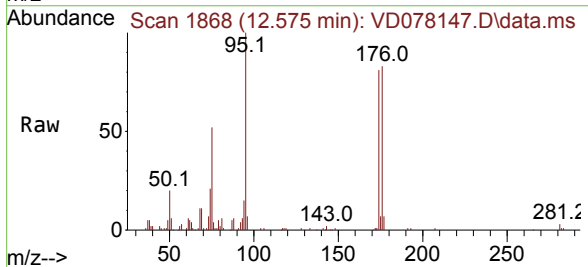


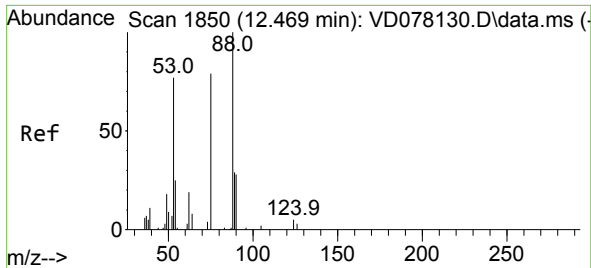
Tgt Ion:152 Resp: 96018
Ion Ratio Lower Upper
152 100
115 59.3 27.1 81.3
150 165.5 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 50.150 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD078147.D
Acq: 11 Jan 2024 12:49

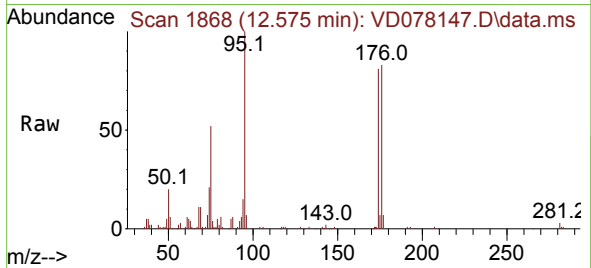
Tgt Ion: 75 Resp: 47409
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.763 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD078147.D
 Acq: 11 Jan 2024 12:49

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	47409
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

