

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011124\
 Data File : VD078151.D
 Acq On : 11 Jan 2024 15:38
 Operator : RP/MD
 Sample : P1118-07
 Misc : 4.64G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 12 00:38:07 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)

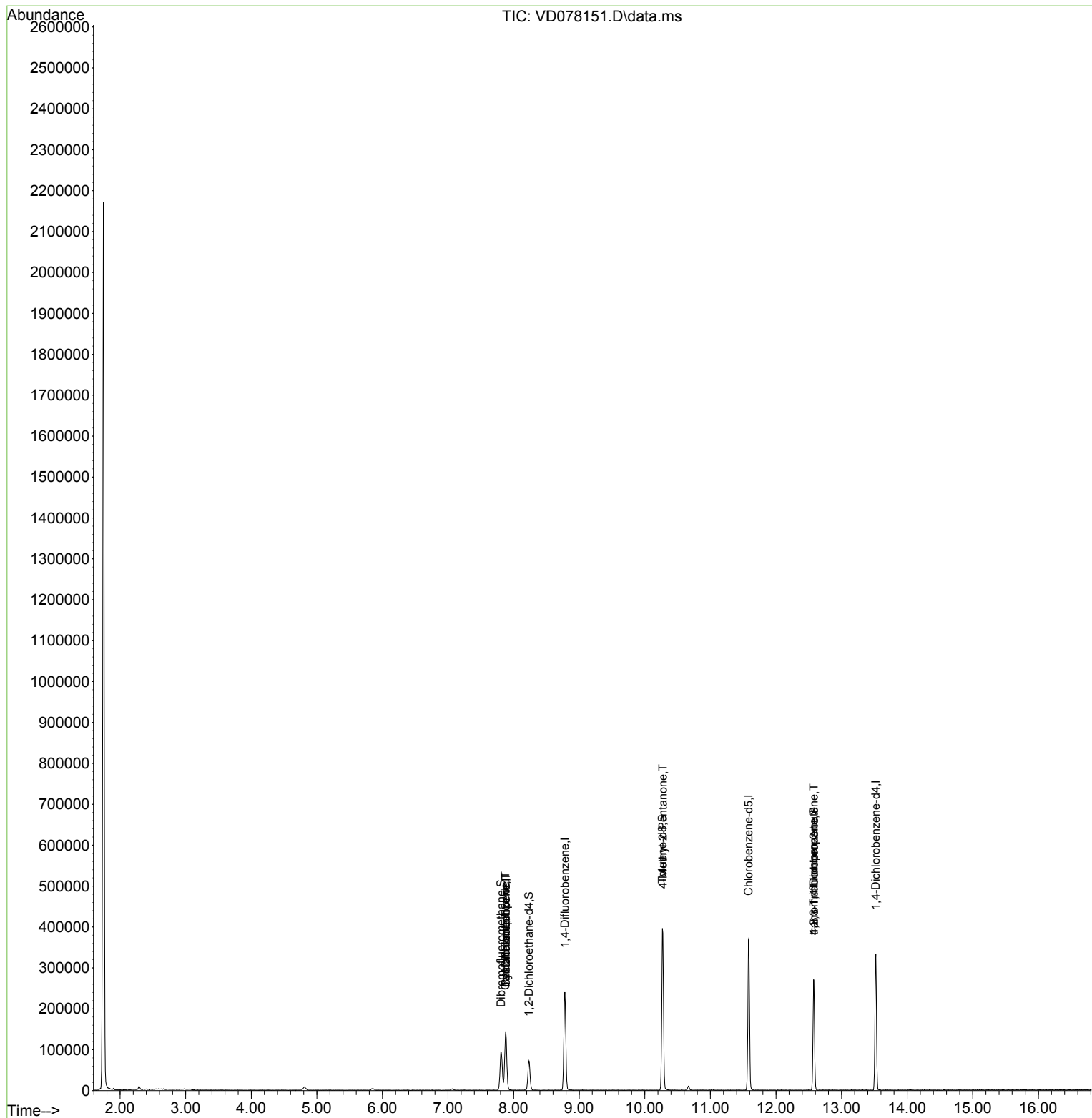
Internal Standards						
1) Pentafluorobenzene	7.881	168	107739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	215155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	213913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	87120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	56042	49.409	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.820%
35) Dibromofluoromethane	7.811	113	70101	45.208	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.420%
50) Toluene-d8	10.269	98	272311	52.364	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.720%
62) 4-Bromofluorobenzene	12.575	95	78336	43.273	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.540%
Target Compounds						
					Qvalue	
16) Acetone	3.993	43	81	Below Cal	#	32
20) Methylene Chloride	4.811	84	5963	Below Cal		92
31) Cyclohexane	7.881	56	2583	1.505	ug/l #	52
36) 1,1-Dichloropropene	7.881	75	8753	4.181	ug/l #	47
38) Carbon Tetrachloride	7.875	117	11486	4.763	ug/l #	16
51) 4-Methyl-2-Pentanone	10.275	43	1241	1.508	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	43629	50.866	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	43629	113.356	ug/l #	17

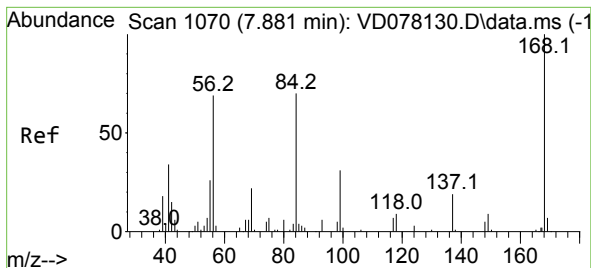
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 09 01:29:14 2024
Response via : Initial Calibration

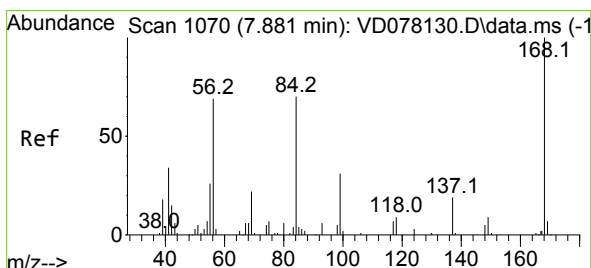
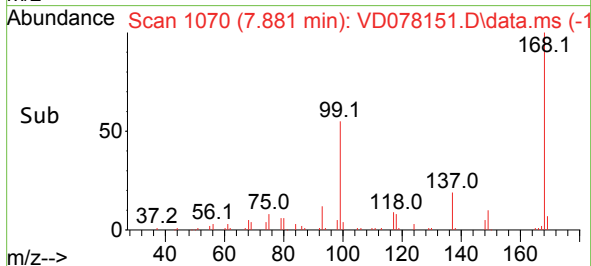
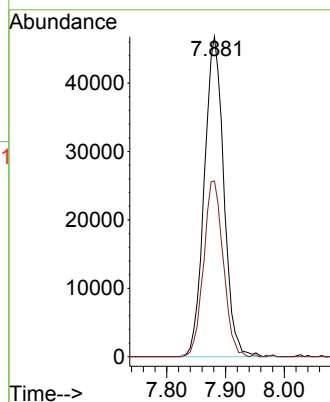
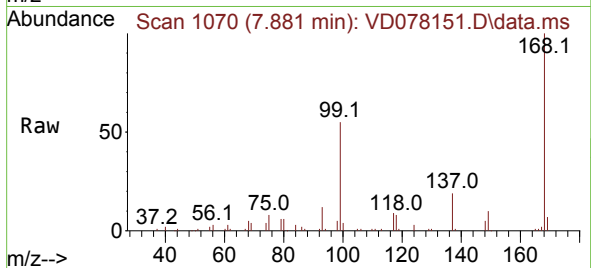




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078151.D
Acq: 11 Jan 2024 15:38

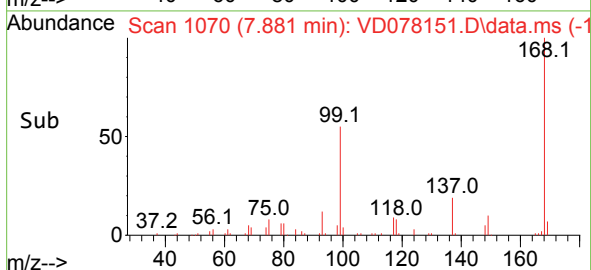
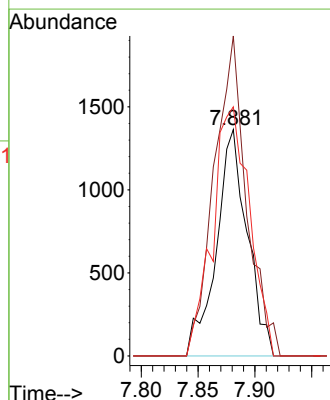
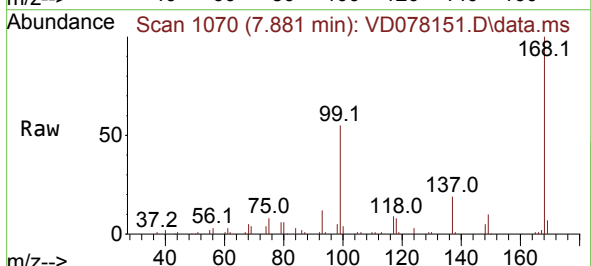
Instrument :
MSVOA_D
ClientSampleId :

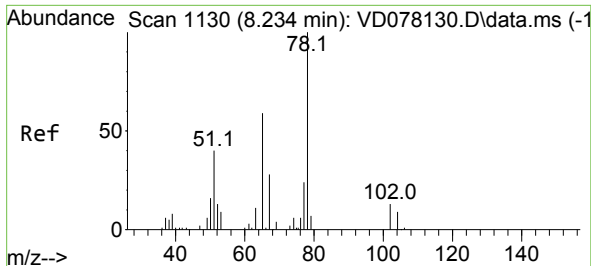
Tgt Ion:168 Resp: 107739
Ion Ratio Lower Upper
168 100
99 55.0 36.7 55.1



#31
Cyclohexane
Concen: 1.505 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078151.D
Acq: 11 Jan 2024 15:38

Tgt Ion: 56 Resp: 2583
Ion Ratio Lower Upper
56 100
69 141.4 28.6 43.0#
84 110.1 84.8 127.2

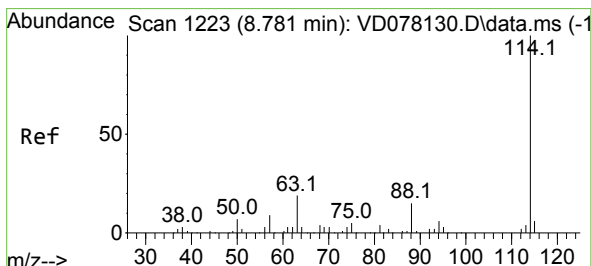
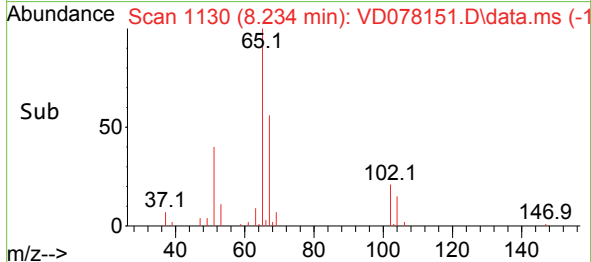
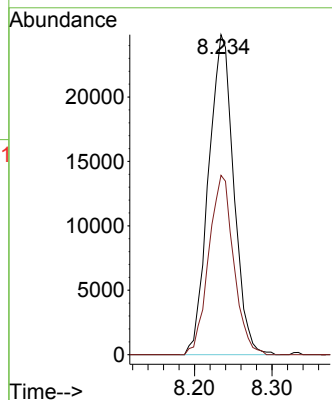
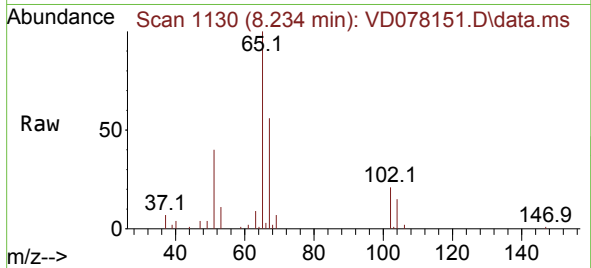




#33
 1,2-Dichloroethane-d4
 Concen: 49.409 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VD078151.D
 Acq: 11 Jan 2024 15:38

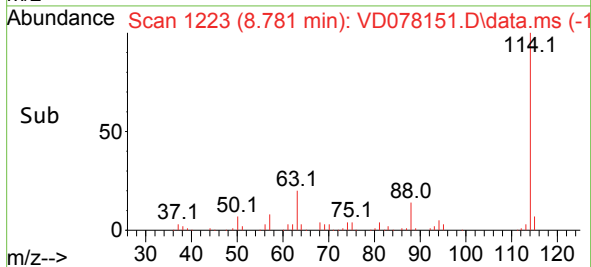
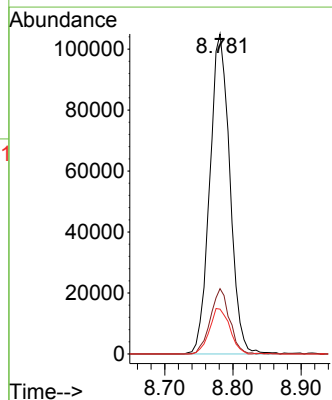
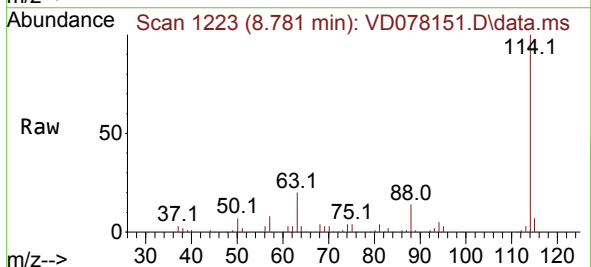
Instrument :
 MSVOA_D
 ClientSampleId :

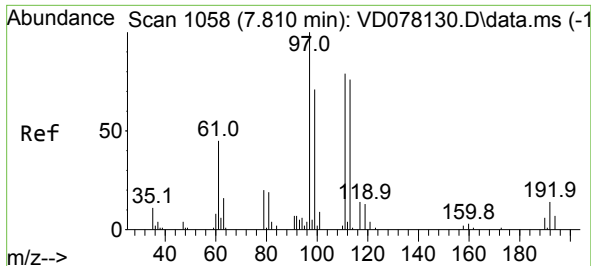
Tgt Ion: 65 Resp: 56042
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.000 min
 Lab File: VD078151.D
 Acq: 11 Jan 2024 15:38

Tgt Ion: 114 Resp: 215155
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 33.4
 88 14.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 45.208 ug/l

RT: 7.811 min Scan# 1070

Delta R.T. 0.000 min

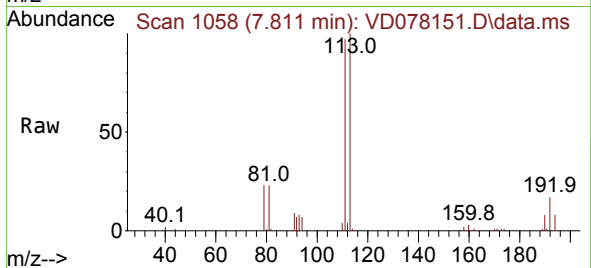
Lab File: VD078151.D

Acq: 11 Jan 2024 15:38

Instrument :

MSVOA_D

ClientSampleId :



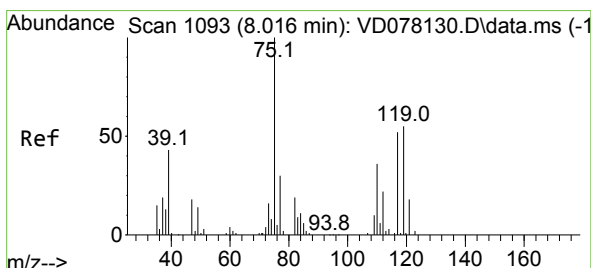
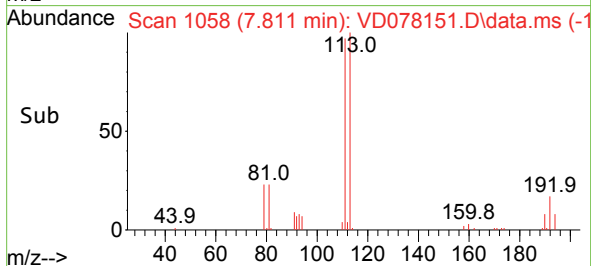
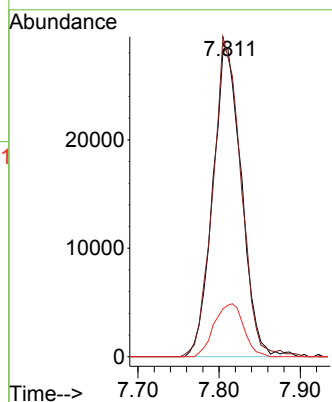
Tgt Ion:113 Resp: 70101

Ion Ratio Lower Upper

113 100

111 101.5 84.7 127.1

192 17.6 16.8 25.2



#36

1,1-Dichloropropene

Concen: 4.181 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.135 min

Lab File: VD078151.D

Acq: 11 Jan 2024 15:38

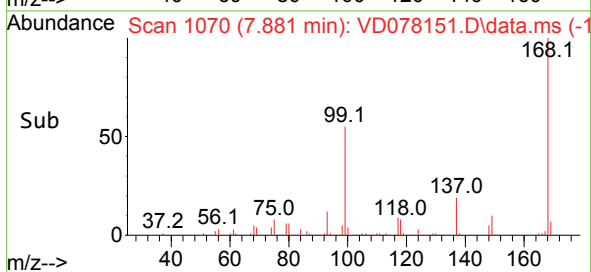
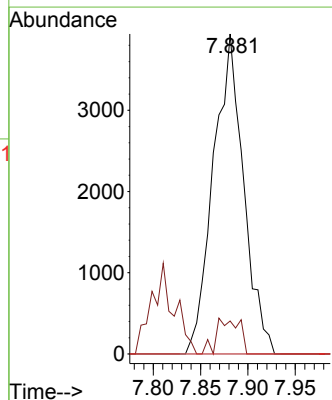
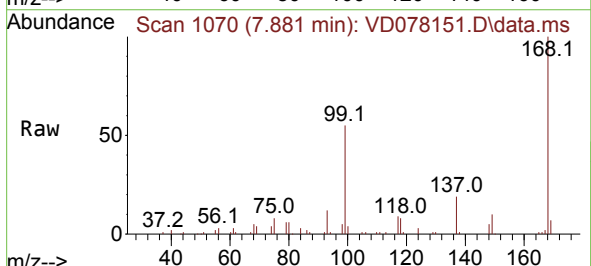
Tgt Ion: 75 Resp: 8753

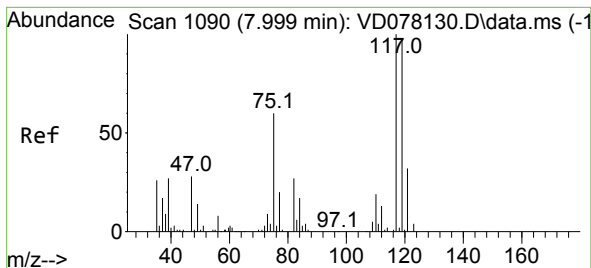
Ion Ratio Lower Upper

75 100

110 8.5 19.9 59.6#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 4.763 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.123 min

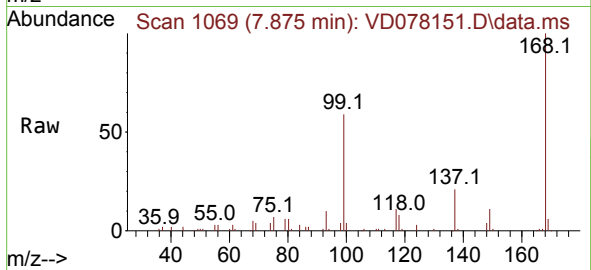
Lab File: VD078151.D

Acq: 11 Jan 2024 15:38

Instrument :

MSVOA_D

ClientSampleId :



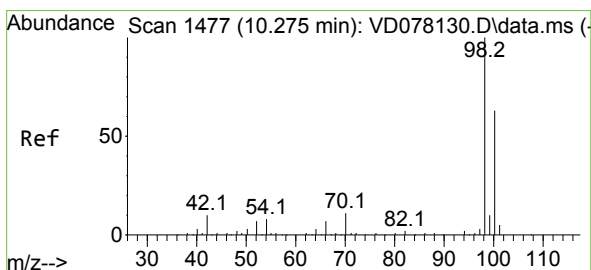
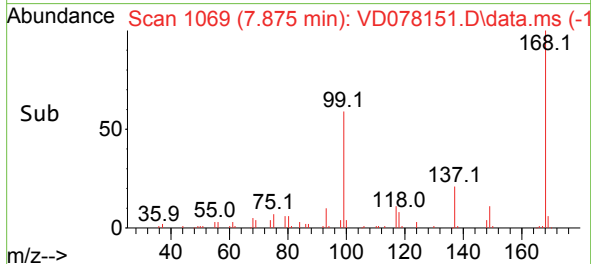
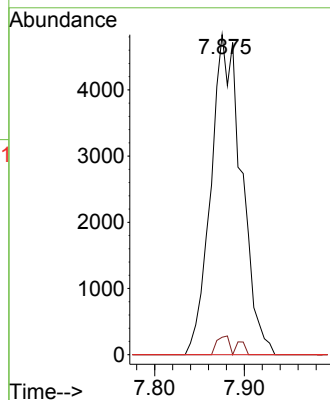
Tgt Ion:117 Resp: 11486

Ion Ratio Lower Upper

117 100

119 5.4 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 52.364 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VD078151.D

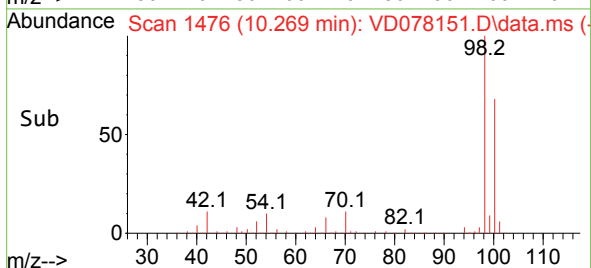
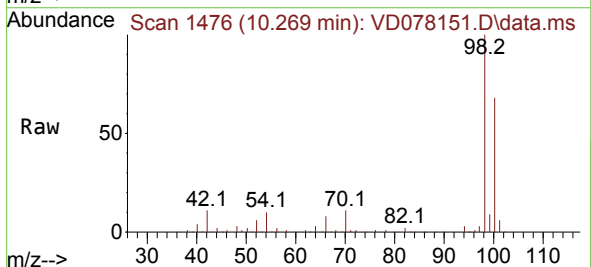
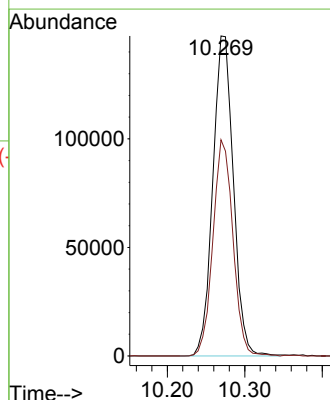
Acq: 11 Jan 2024 15:38

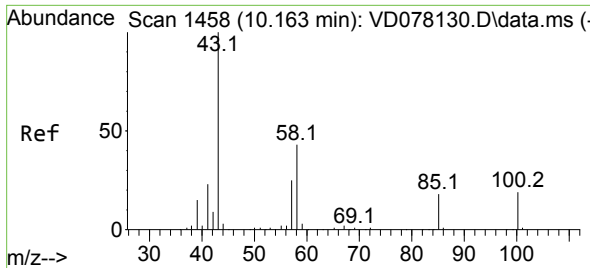
Tgt Ion: 98 Resp: 272311

Ion Ratio Lower Upper

98 100

100 65.7 50.3 75.5

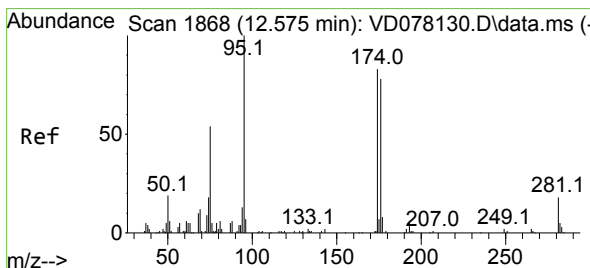
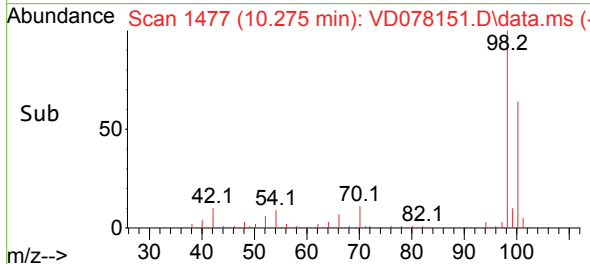
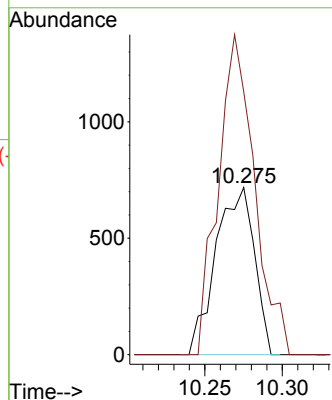
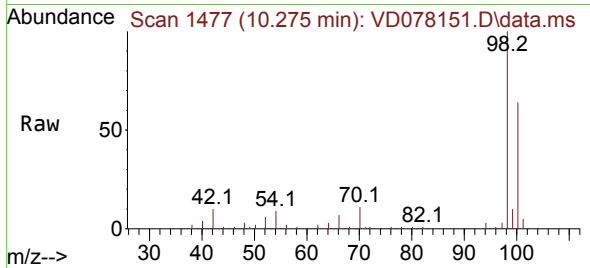




#51
4-Methyl-2-Pentanone
Concen: 1.508 ug/l
RT: 10.275 min Scan# 1458
Delta R.T. 0.112 min
Lab File: VD078151.D
Acq: 11 Jan 2024 15:38

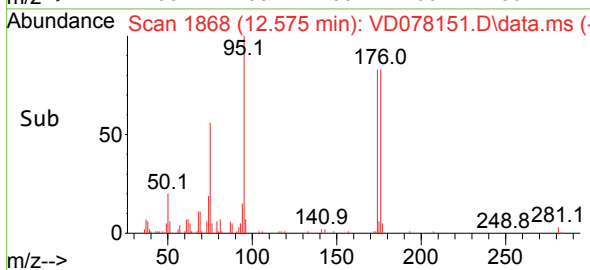
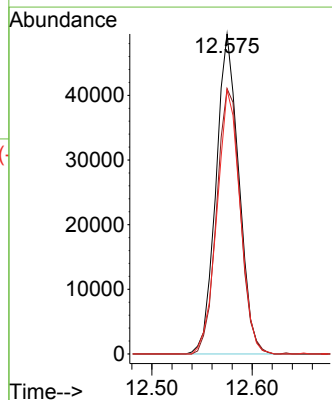
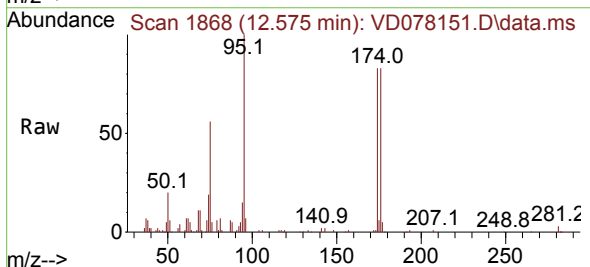
Instrument :
MSVOA_D
ClientSampleId :

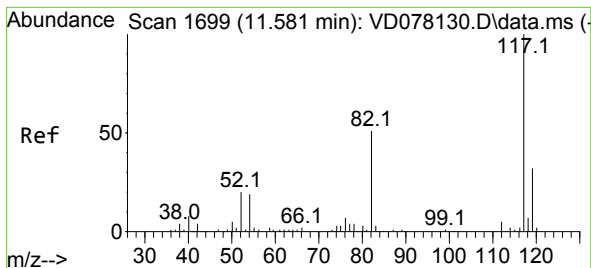
Tgt Ion: 43 Resp: 1241
Ion Ratio Lower Upper
43 100
58 180.2 38.9 58.3#



#62
4-Bromofluorobenzene
Concen: 43.273 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078151.D
Acq: 11 Jan 2024 15:38

Tgt Ion: 95 Resp: 78336
Ion Ratio Lower Upper
95 100
174 85.5 0.0 201.8
176 83.6 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078151.D

Acq: 11 Jan 2024 15:38

Instrument :

MSVOA_D

ClientSampleId :

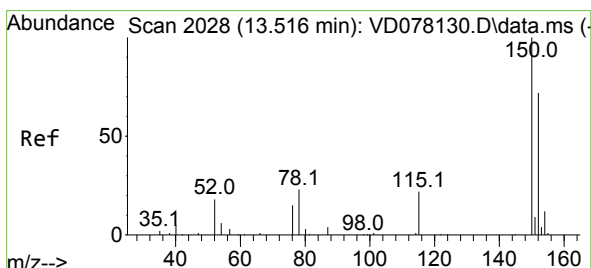
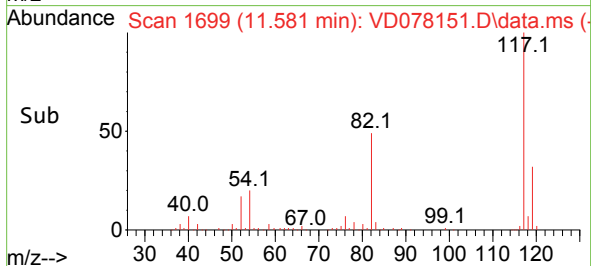
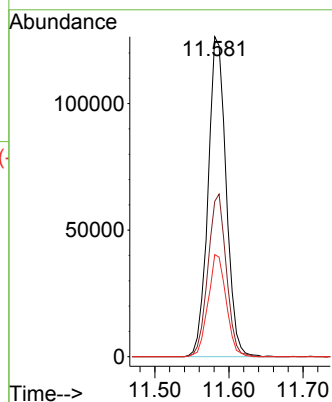
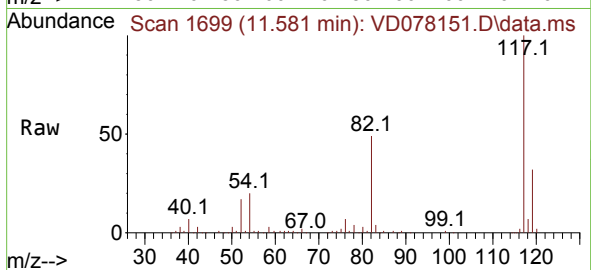
Tgt Ion:117 Resp: 213913

Ion Ratio Lower Upper

117 100

82 48.5 38.3 57.5

119 31.9 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD078151.D

Acq: 11 Jan 2024 15:38

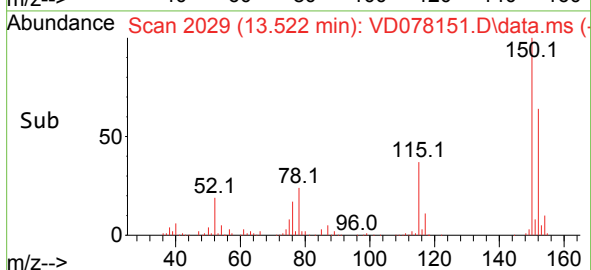
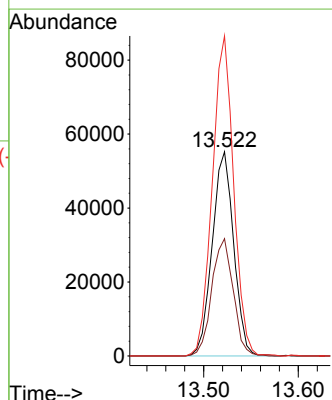
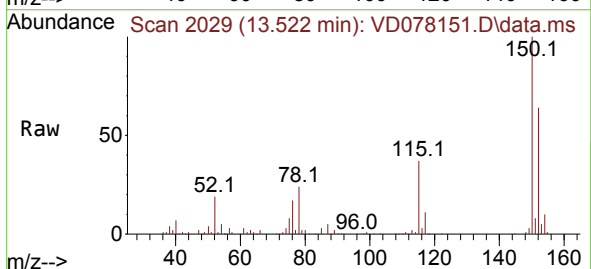
Tgt Ion:152 Resp: 87120

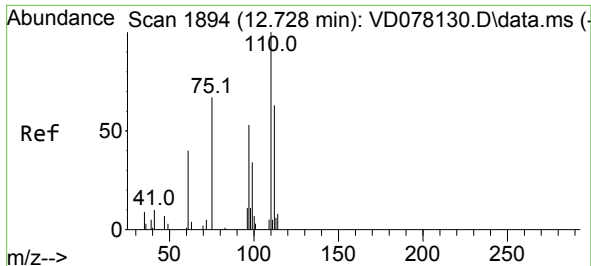
Ion Ratio Lower Upper

152 100

115 57.2 27.1 81.3

150 155.1 0.0 353.6

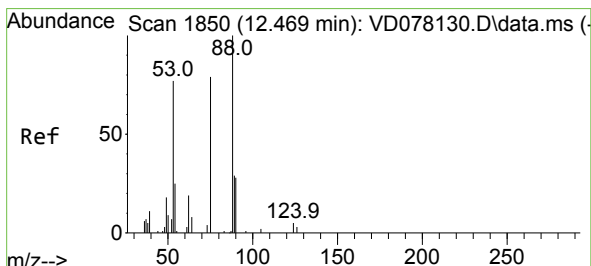
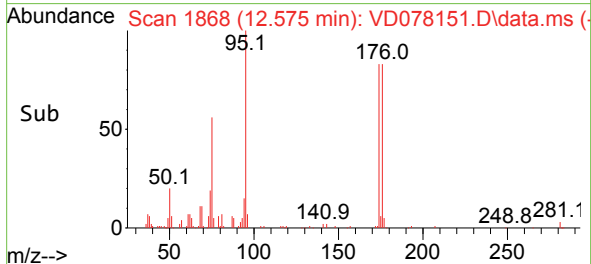
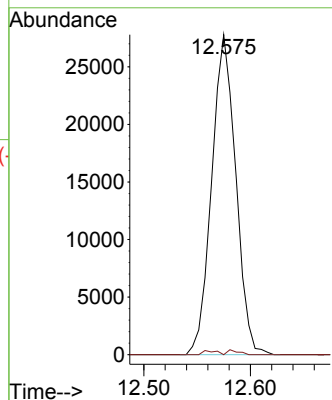
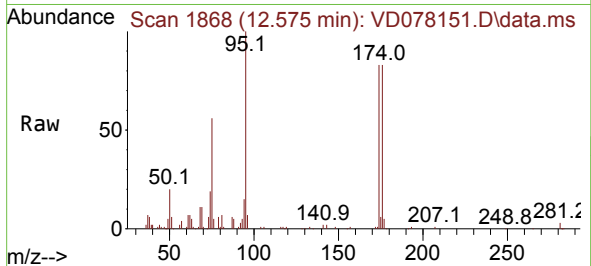




#76
1,2,3-Trichloropropane
Concen: 50.866 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD078151.D
Acq: 11 Jan 2024 15:38

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 43629
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.356 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078151.D
Acq: 11 Jan 2024 15:38

Tgt Ion: 75 Resp: 43629
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

