

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011124\
 Data File : VD078150.D
 Acq On : 11 Jan 2024 15:11
 Operator : RP/MD
 Sample : P1118-03
 Misc : 6.40G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 12 00:37:45 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)

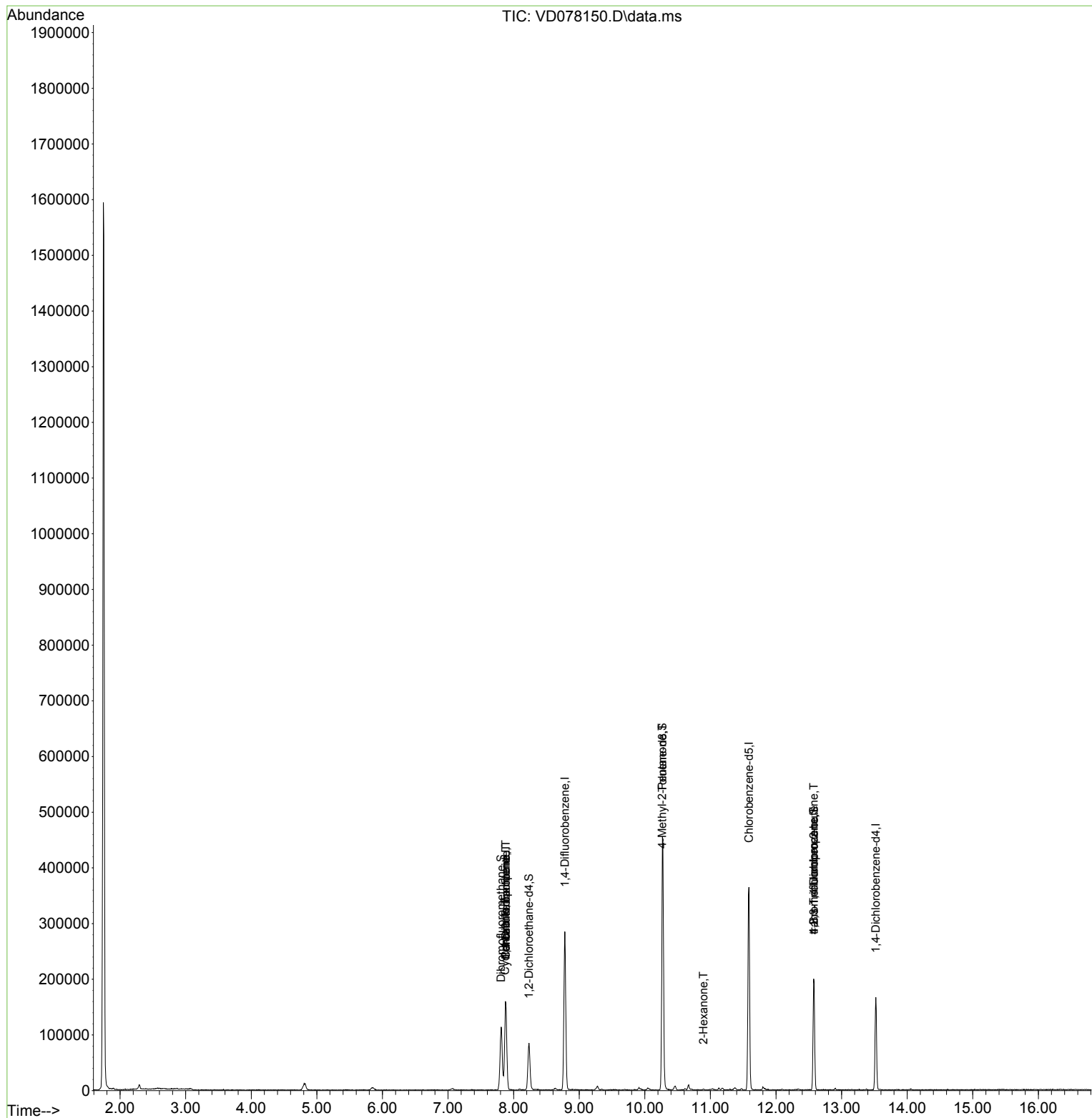
Internal Standards						
1) Pentafluorobenzene	7.881	168	118576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	247062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	213553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	43478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	64377	51.570	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.140%
35) Dibromofluoromethane	7.810	113	79722	44.773	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.540%
50) Toluene-d8	10.269	98	317041	53.092	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.180%
62) 4-Bromofluorobenzene	12.575	95	60479	29.094	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	58.180%
Target Compounds						
16) Acetone	4.022	43	201	Below Cal	#	32
20) Methylene Chloride	4.805	84	4883	Below Cal		86
31) Cyclohexane	7.869	56	3198	1.693	ug/l #	81
36) 1,1-Dichloropropene	7.881	75	9428	3.922	ug/l #	47
38) Carbon Tetrachloride	7.881	117	12044	4.350	ug/l #	15
51) 4-Methyl-2-Pentanone	10.263	43	1430	1.513	ug/l #	1
59) 2-Hexanone	10.893	43	730	1.027	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	32131	75.062	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	32131	167.280	ug/l #	17

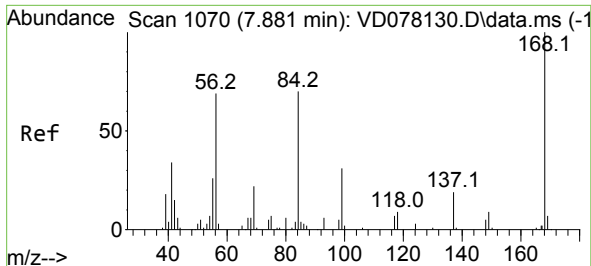
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011124\
Data File : VD078150.D
Acq On : 11 Jan 2024 15:11
Operator : RP/MD
Sample : P1118-03
Misc : 6.40G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 12 00:37:45 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

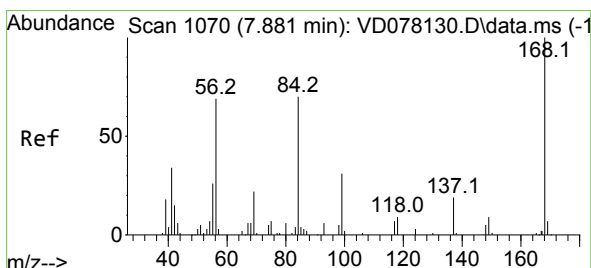
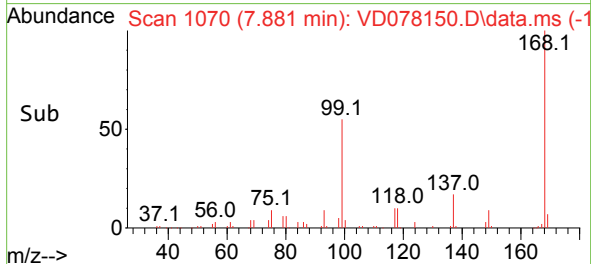
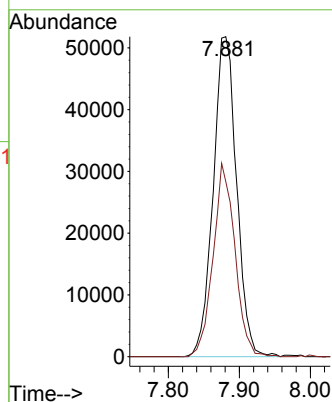
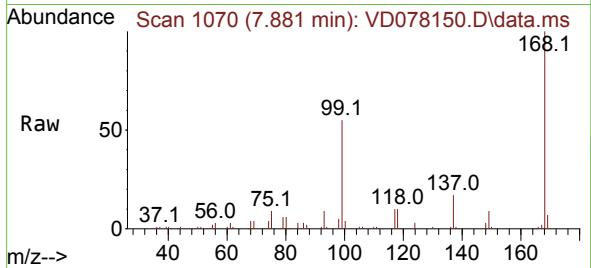




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VD078150.D
Acq: 11 Jan 2024 15:11

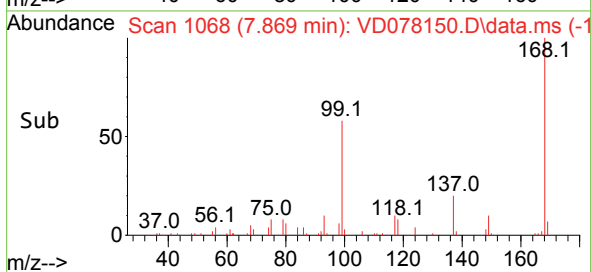
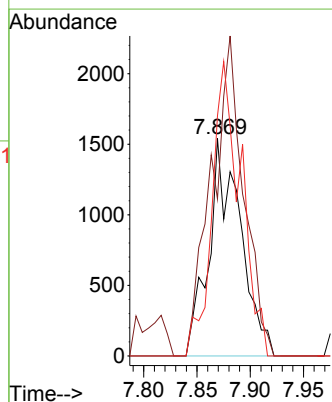
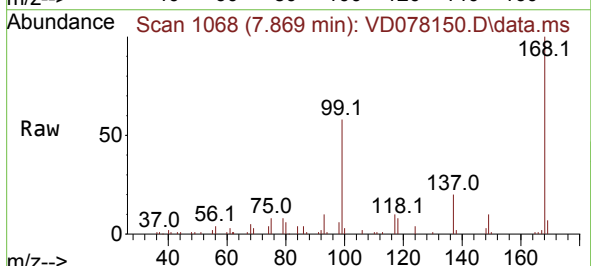
Instrument :
MSVOA_D
ClientSampleId :

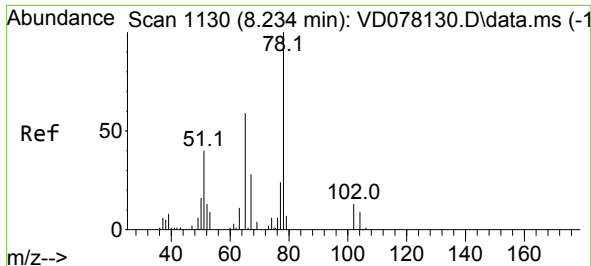
Tgt Ion:168 Resp: 118576
Ion Ratio Lower Upper
168 100
99 54.7 36.7 55.1



#31
Cyclohexane
Concen: 1.693 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD078150.D
Acq: 11 Jan 2024 15:11

Tgt Ion: 56 Resp: 3198
Ion Ratio Lower Upper
56 100
69 72.2 28.6 43.0#
84 110.4 84.8 127.2

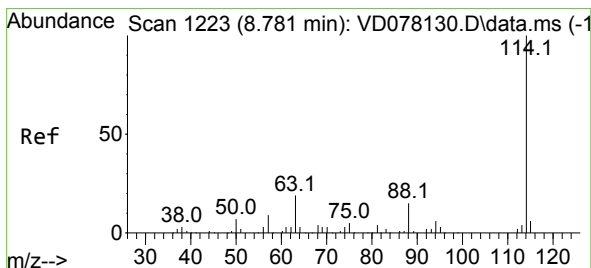
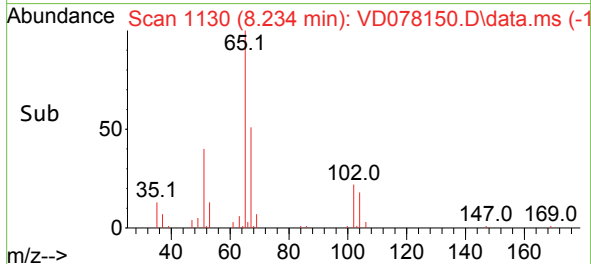
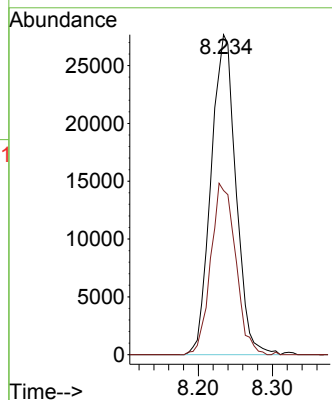
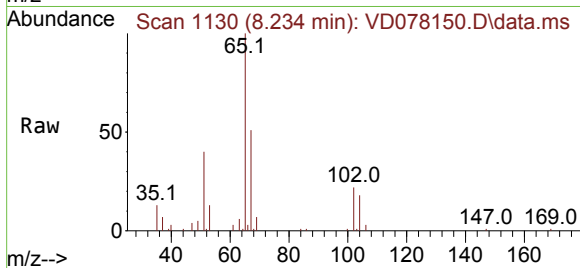




#33
1,2-Dichloroethane-d4
Concen: 51.570 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078150.D
Acq: 11 Jan 2024 15:11

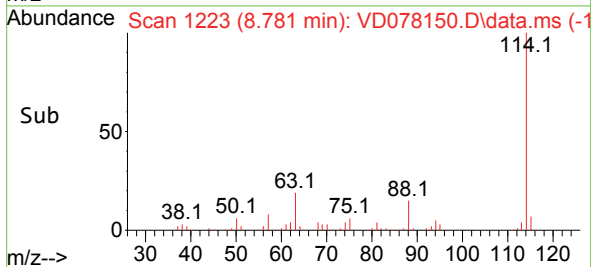
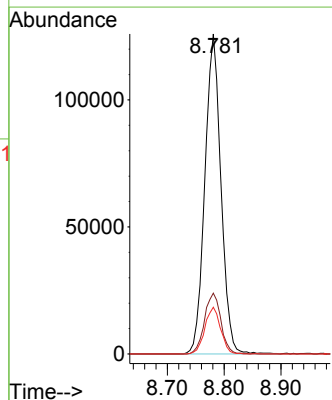
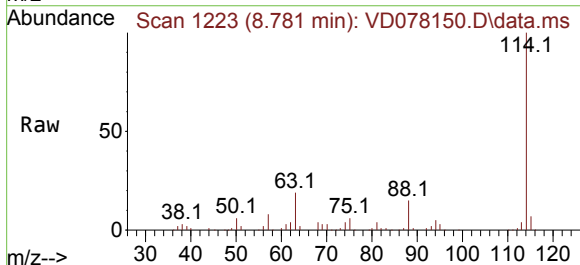
Instrument :
MSVOA_D
ClientSampleId :

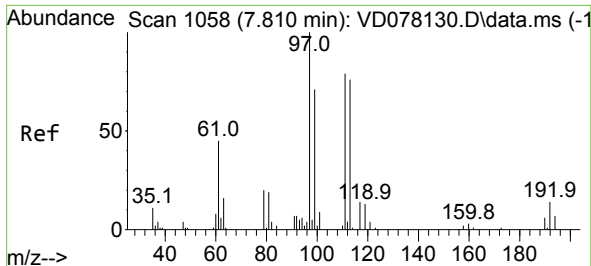
Tgt Ion: 65 Resp: 64377
Ion Ratio Lower Upper
65 100
67 53.6 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD078150.D
Acq: 11 Jan 2024 15:11

Tgt Ion:114 Resp: 247062
Ion Ratio Lower Upper
114 100
63 19.0 0.0 33.4
88 14.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 44.773 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

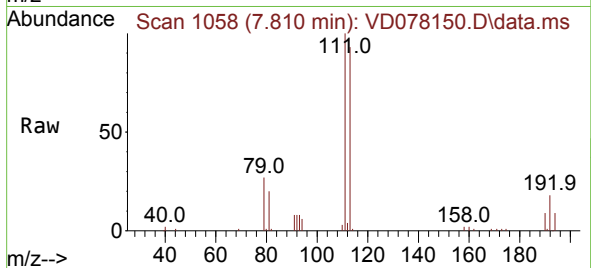
Lab File: VD078150.D

Acq: 11 Jan 2024 15:11

Instrument :

MSVOA_D

ClientSampleId :



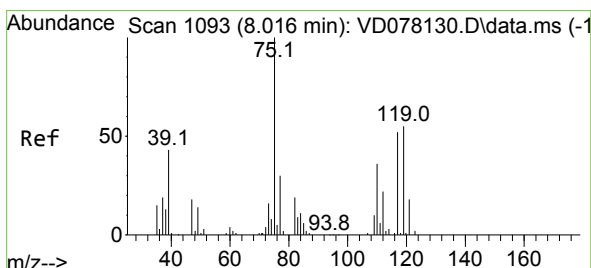
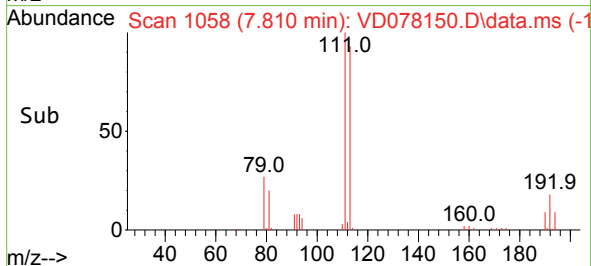
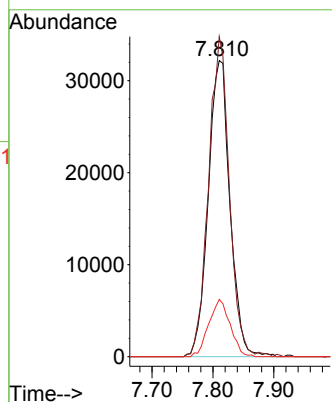
Tgt Ion:113 Resp: 79722

Ion Ratio Lower Upper

113 100

111 103.0 84.7 127.1

192 19.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 3.922 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.135 min

Lab File: VD078150.D

Acq: 11 Jan 2024 15:11

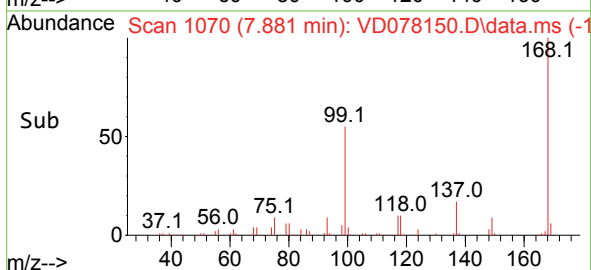
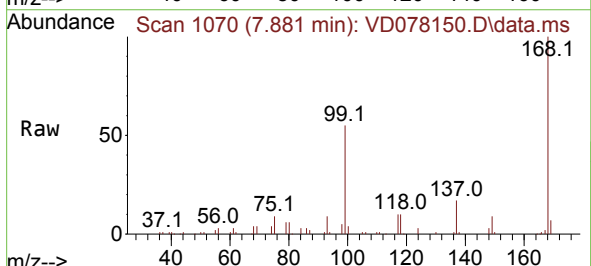
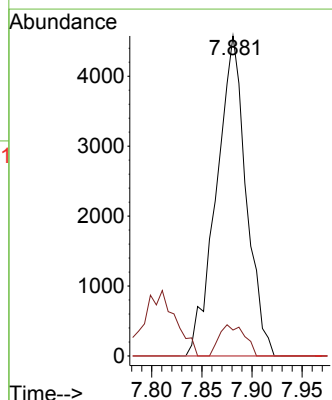
Tgt Ion: 75 Resp: 9428

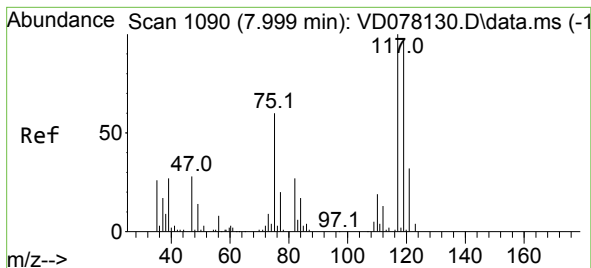
Ion Ratio Lower Upper

75 100

110 8.3 19.9 59.6#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 4.350 ug/l

RT: 7.881 min Scan# 1090

Delta R.T. -0.118 min

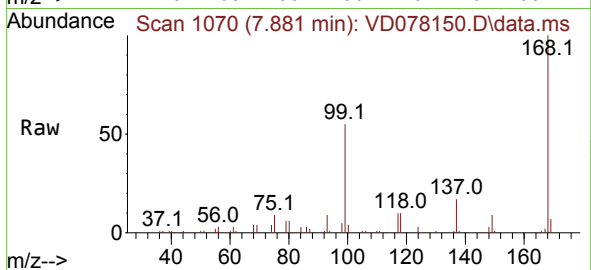
Lab File: VD078150.D

Acq: 11 Jan 2024 15:11

Instrument :

MSVOA_D

ClientSampleId :



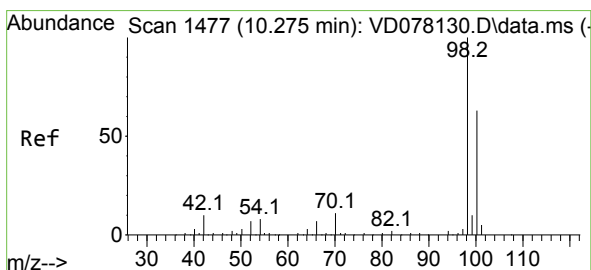
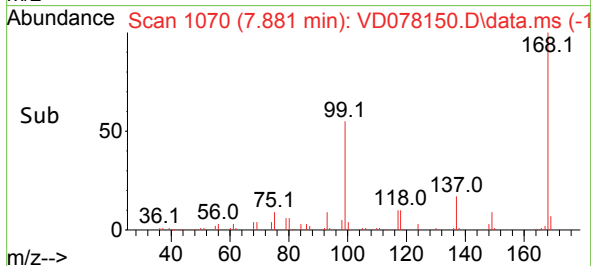
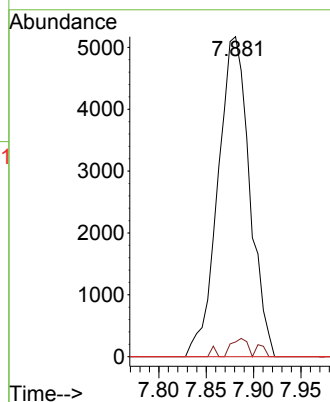
Tgt Ion:117 Resp: 12044

Ion Ratio Lower Upper

117 100

119 4.6 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 53.092 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VD078150.D

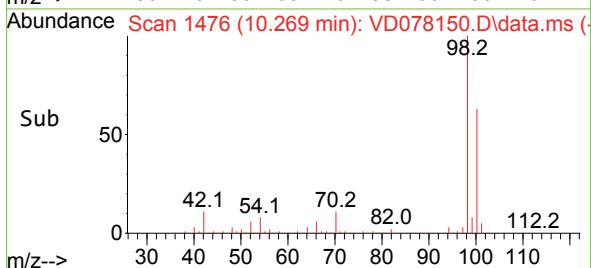
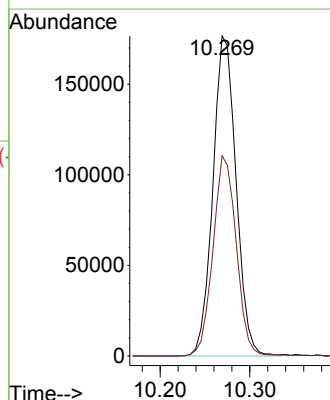
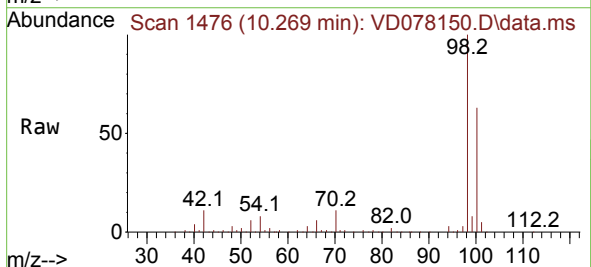
Acq: 11 Jan 2024 15:11

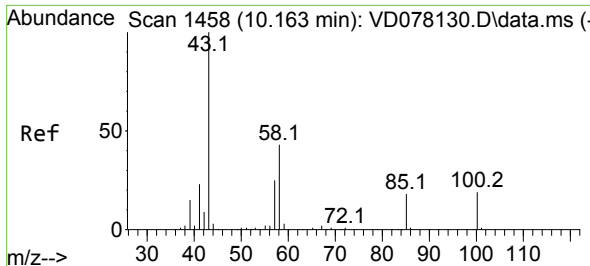
Tgt Ion: 98 Resp: 317041

Ion Ratio Lower Upper

98 100

100 62.8 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 1.513 ug/l

RT: 10.263 min Scan# 1458

Delta R.T. 0.100 min

Lab File: VD078150.D

Acq: 11 Jan 2024 15:11

Instrument :

MSVOA_D

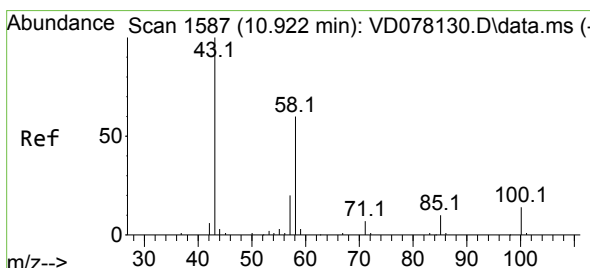
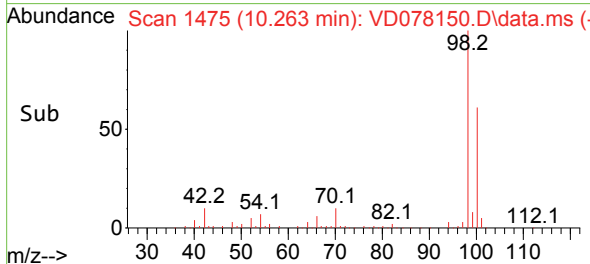
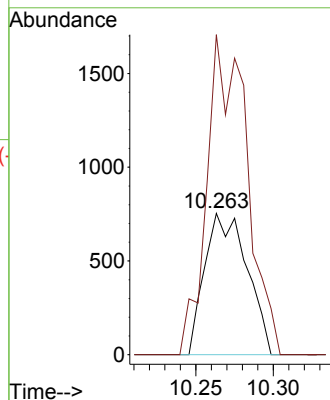
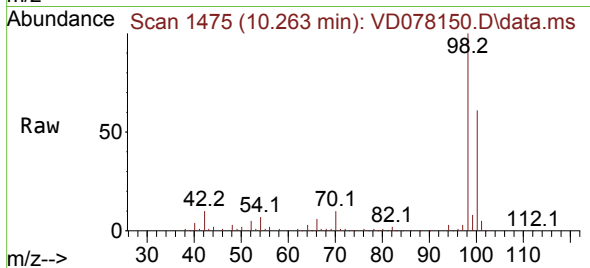
ClientSampleId :

Tgt Ion: 43 Resp: 1430

Ion Ratio Lower Upper

43 100

58 214.9 38.9 58.3#



#59

2-Hexanone

Concen: 1.027 ug/l

RT: 10.893 min Scan# 1582

Delta R.T. -0.029 min

Lab File: VD078150.D

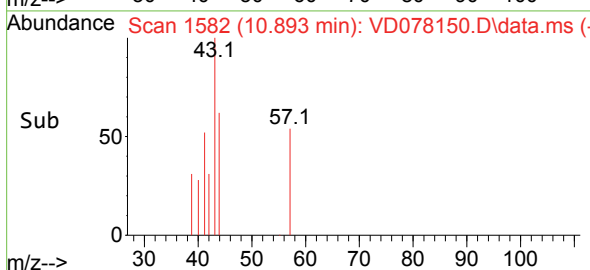
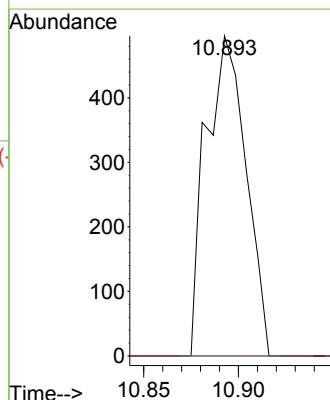
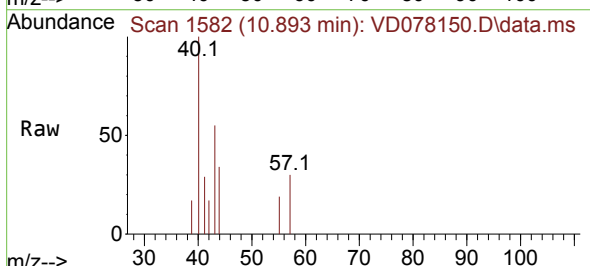
Acq: 11 Jan 2024 15:11

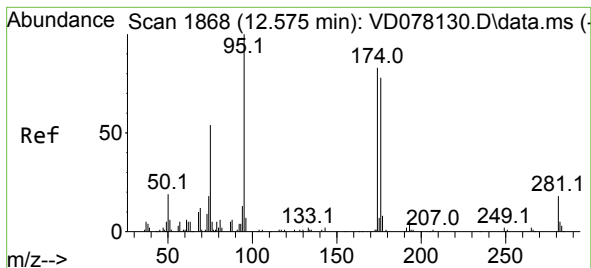
Tgt Ion: 43 Resp: 730

Ion Ratio Lower Upper

43 100

58 0.0 34.1 102.2#

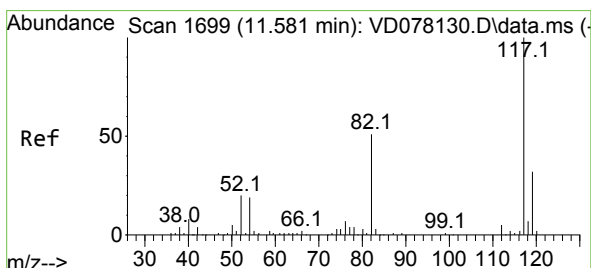
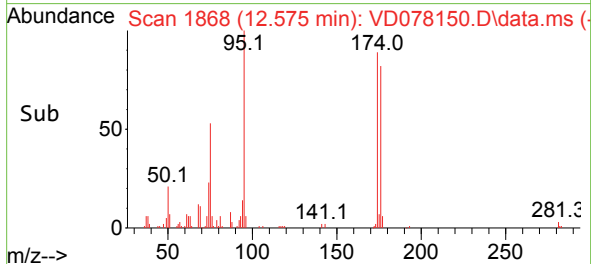
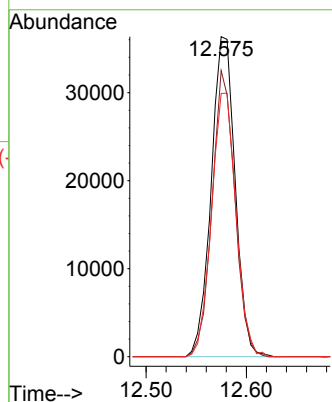
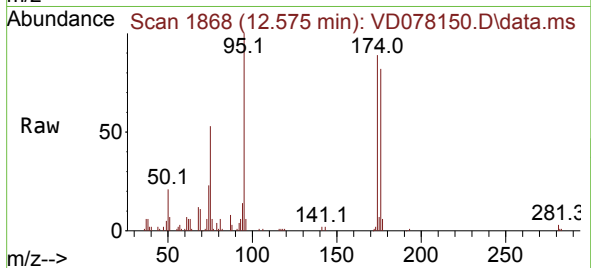




#62
4-Bromofluorobenzene
Concen: 29.094 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078150.D
Acq: 11 Jan 2024 15:11

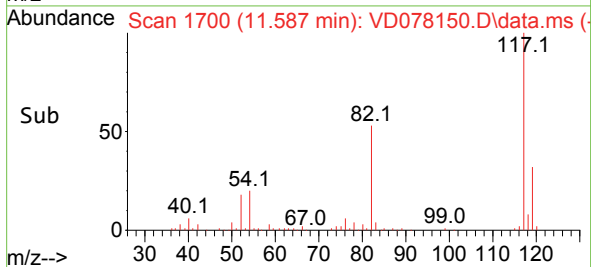
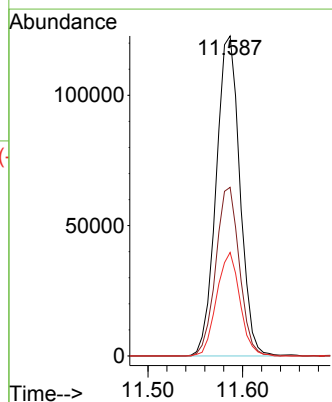
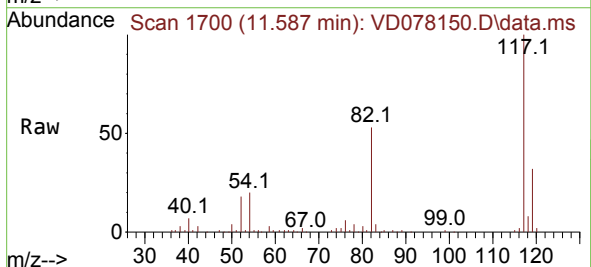
Instrument :
MSVOA_D
ClientSampleId :

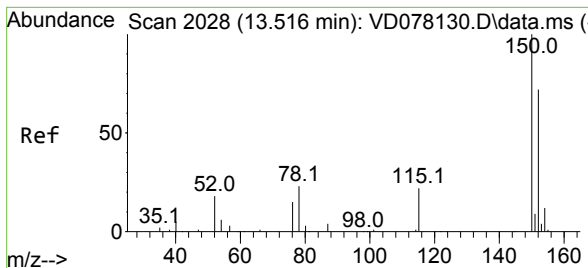
Tgt Ion: 95 Resp: 60479
Ion Ratio Lower Upper
95 100
174 84.7 0.0 201.8
176 83.8 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD078150.D
Acq: 11 Jan 2024 15:11

Tgt Ion: 117 Resp: 213553
Ion Ratio Lower Upper
117 100
82 52.7 38.3 57.5
119 32.3 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: VD078150.D

Acq: 11 Jan 2024 15:11

Instrument :

MSVOA_D

ClientSampleId :

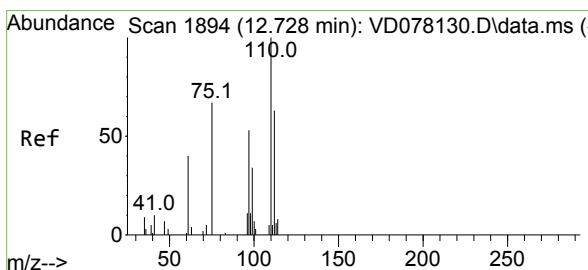
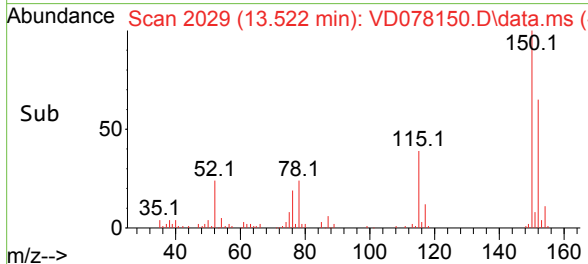
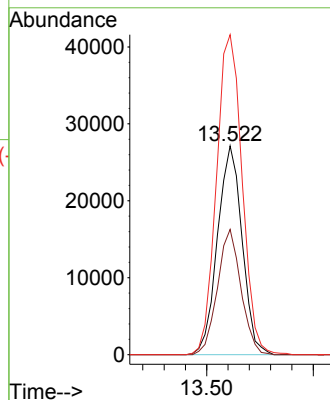
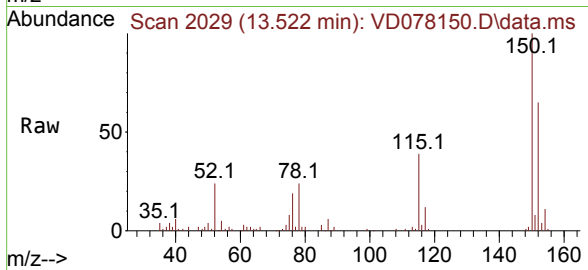
Tgt Ion:152 Resp: 43478

Ion Ratio Lower Upper

152 100

115 57.3 27.1 81.3

150 160.0 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 75.062 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.153 min

Lab File: VD078150.D

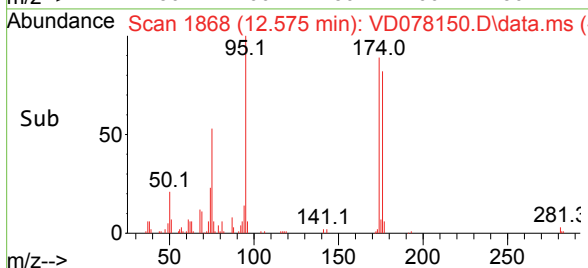
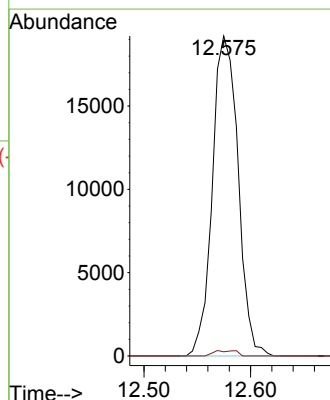
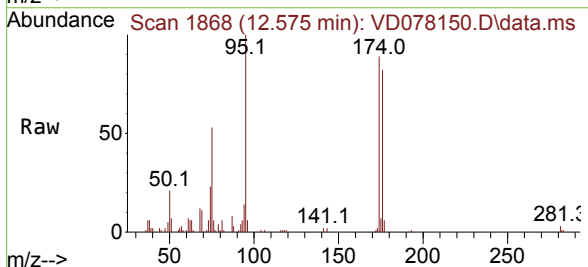
Acq: 11 Jan 2024 15:11

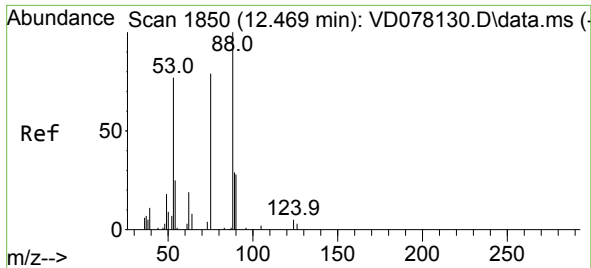
Tgt Ion: 75 Resp: 32131

Ion Ratio Lower Upper

75 100

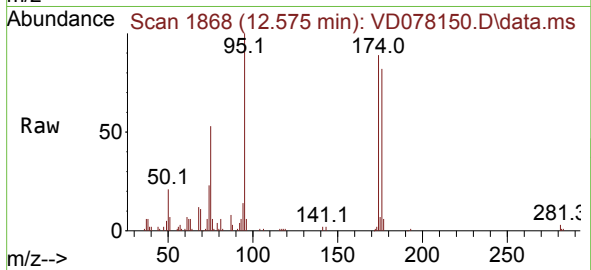
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 167.280 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD078150.D
 Acq: 11 Jan 2024 15:11

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	32131
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

