

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032224\
 Data File : VD078743.D
 Acq On : 22 Mar 2024 15:22
 Operator : RP/MD
 Sample : P1831-01
 Misc : 5.00G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-032124

Quant Time: Mar 22 23:21:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

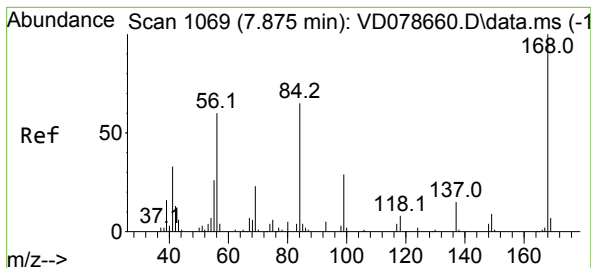
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.881	168	133189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	253232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	232816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	96081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	59674	47.808	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.620%		
35) Dibromofluoromethane	7.810	113	77258	47.385	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.780%		
50) Toluene-d8	10.269	98	311640	51.973	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	103.940%		
62) 4-Bromofluorobenzene	12.575	95	76541	43.632	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	87.260%		
Target Compounds						
20) Methylene Chloride	4.799	84	5775	Below Cal	#	84
31) Cyclohexane	7.869	56	2849	1.358	ug/l #	28
36) 1,1-Dichloropropene	7.881	75	10027	4.239	ug/l #	48
38) Carbon Tetrachloride	7.875	117	13186	5.287	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	40359	54.521	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	40359	114.285	ug/l #	19

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

Quant Time: Mar 22 23:21:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078743.D

Acq: 22 Mar 2024 15:22

Instrument :

MSVOA_D

ClientSampleId :

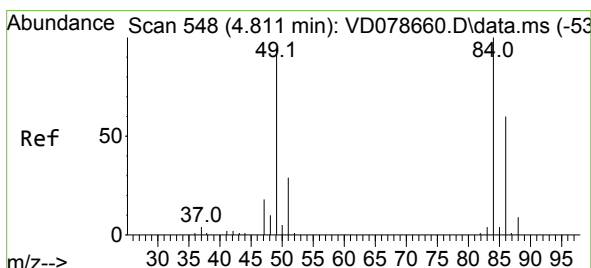
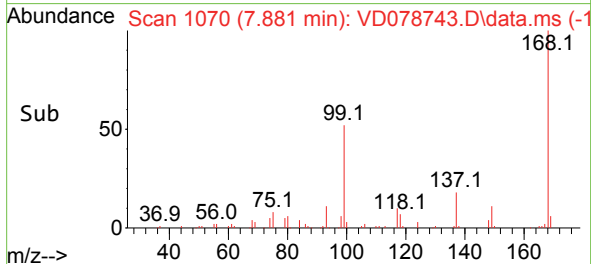
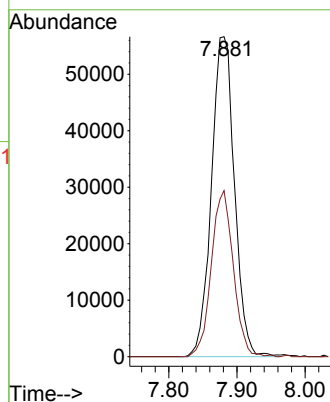
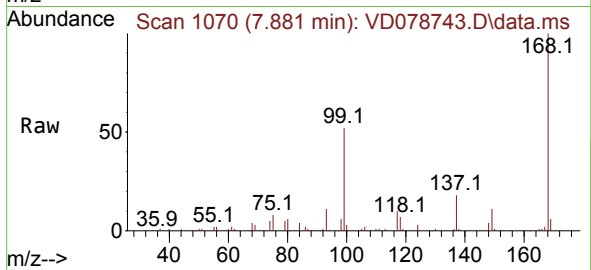
CL-01-032124

Tgt Ion:168 Resp: 133189

Ion Ratio Lower Upper

168 100

99 51.9 38.8 58.2



#20

Methylene Chloride

Concen: Below Cal

RT: 4.799 min Scan# 546

Delta R.T. -0.012 min

Lab File: VD078743.D

Acq: 22 Mar 2024 15:22

Tgt Ion: 84 Resp: 5775

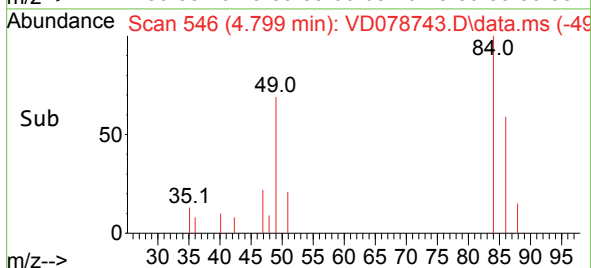
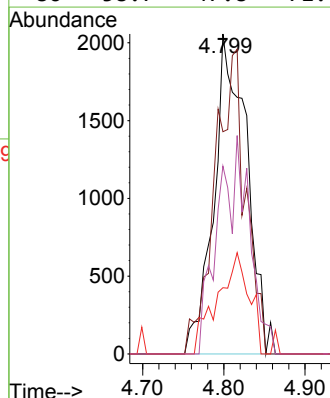
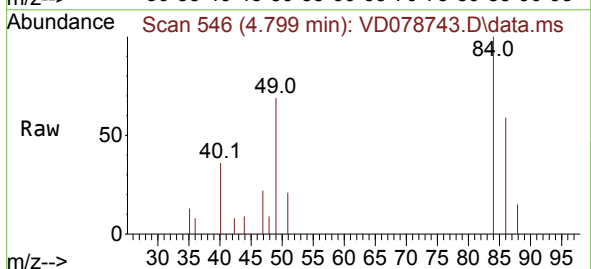
Ion Ratio Lower Upper

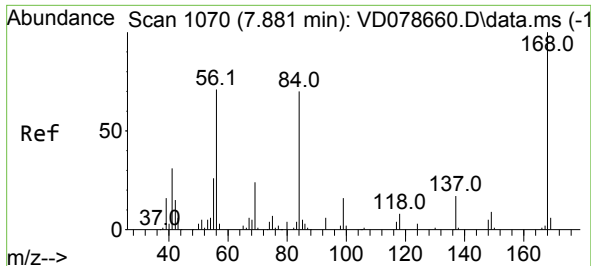
84 100

49 69.5 75.6 113.4#

51 20.7 23.4 35.0#

86 58.7 47.8 71.6

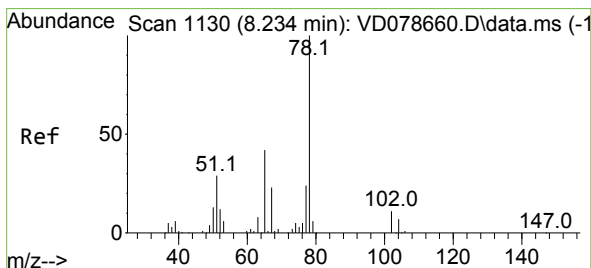
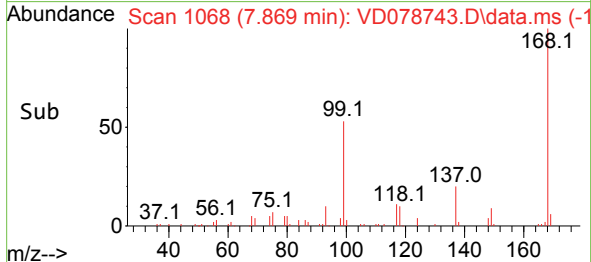
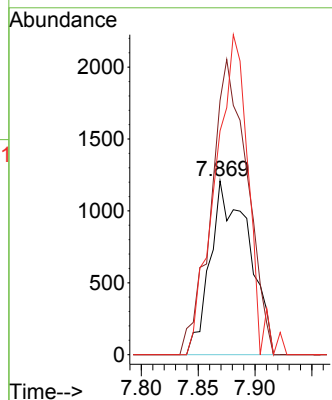
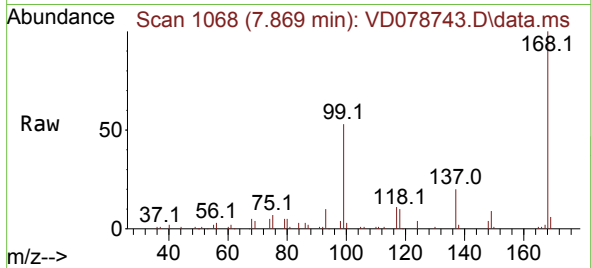




#31
Cyclohexane
Concen: 1.358 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD078743.D
Acq: 22 Mar 2024 15:22

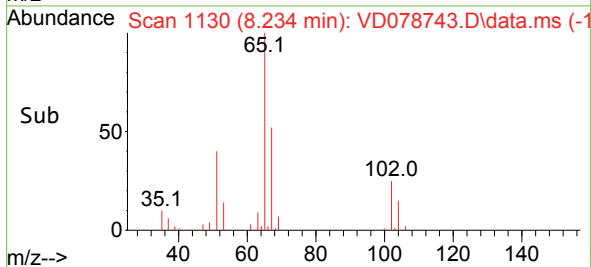
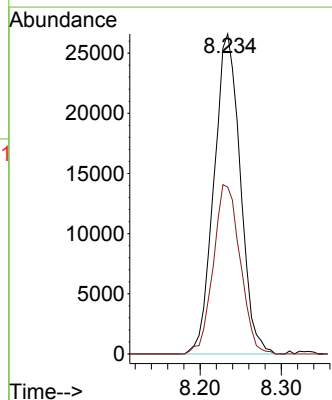
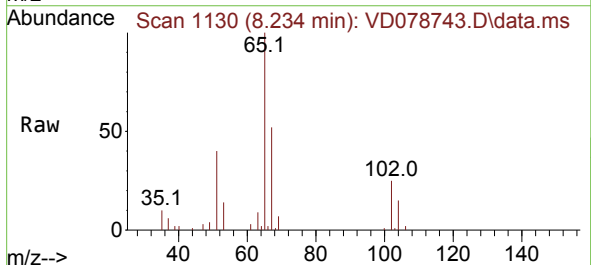
Instrument :
MSVOA_D
ClientSampleId :
CL-01-032124

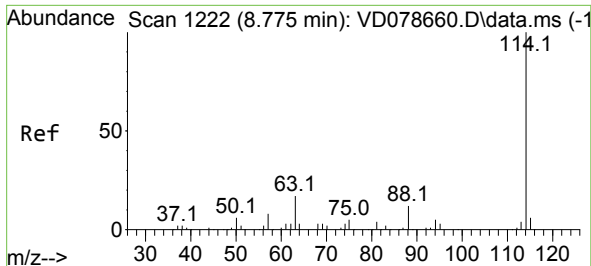
Tgt Ion: 56 Resp: 2849
Ion Ratio Lower Upper
56 100
69 146.2 26.6 40.0#
84 128.8 79.4 119.2#



#33
1,2-Dichloroethane-d4
Concen: 47.808 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078743.D
Acq: 22 Mar 2024 15:22

Tgt Ion: 65 Resp: 59674
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078743.D

Acq: 22 Mar 2024 15:22

Instrument :

MSVOA_D

ClientSampleId :

CL-01-032124

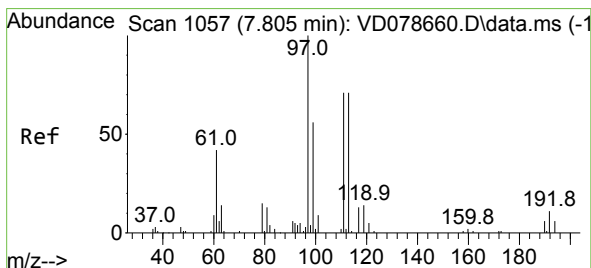
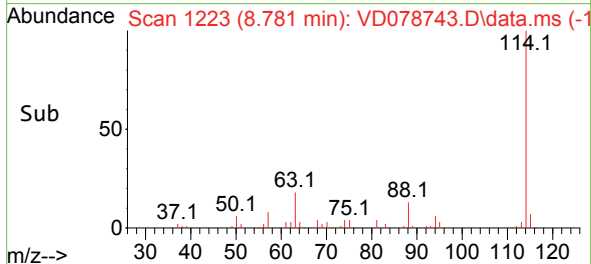
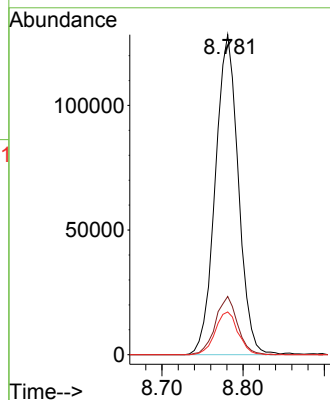
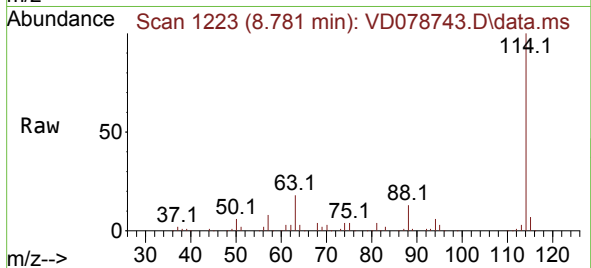
Tgt Ion:114 Resp: 253232

Ion Ratio Lower Upper

114 100

63 18.2 0.0 33.4

88 13.3 0.0 24.6



#35

Dibromofluoromethane

Concen: 47.385 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078743.D

Acq: 22 Mar 2024 15:22

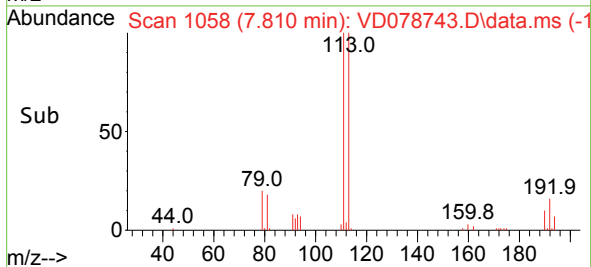
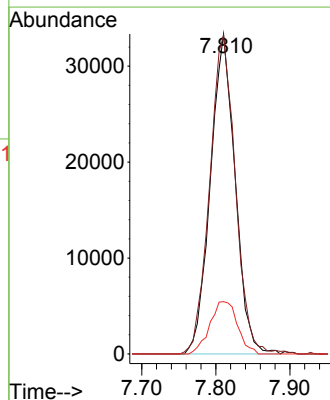
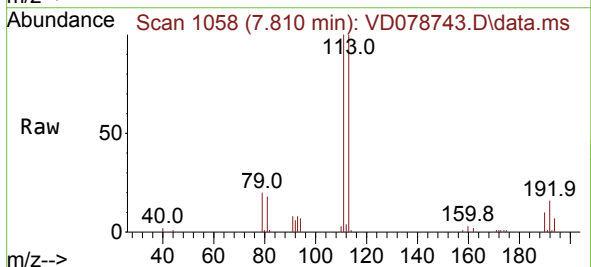
Tgt Ion:113 Resp: 77258

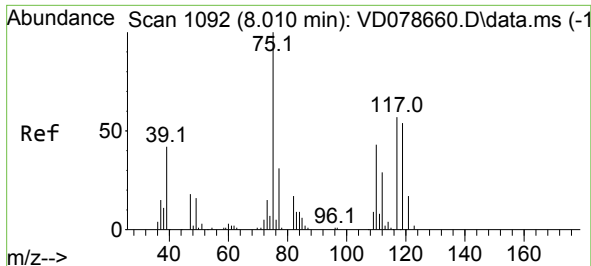
Ion Ratio Lower Upper

113 100

111 103.2 81.9 122.9

192 18.3 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.239 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD078743.D

Acq: 22 Mar 2024 15:22

Instrument :

MSVOA_D

ClientSampleId :

CL-01-032124

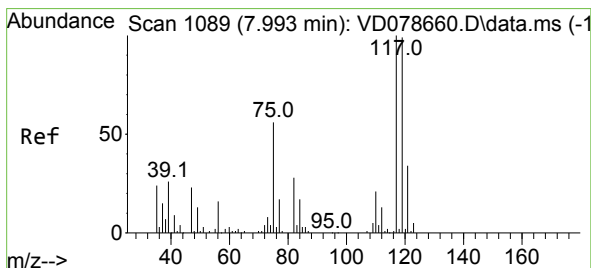
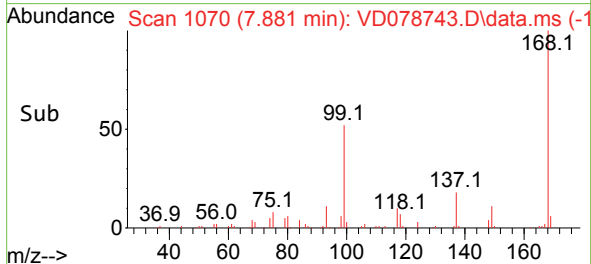
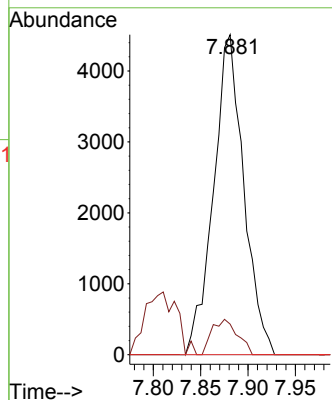
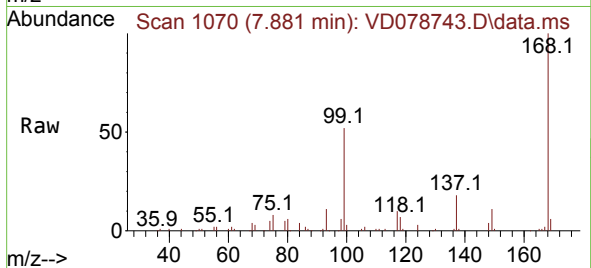
Tgt Ion: 75 Resp: 10027

Ion Ratio Lower Upper

75 100

110 9.4 19.1 57.1#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 5.287 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD078743.D

Acq: 22 Mar 2024 15:22

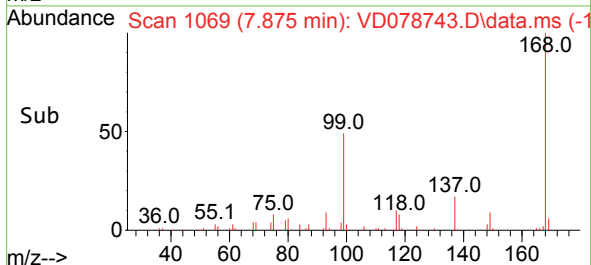
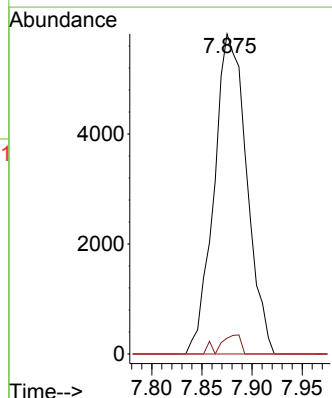
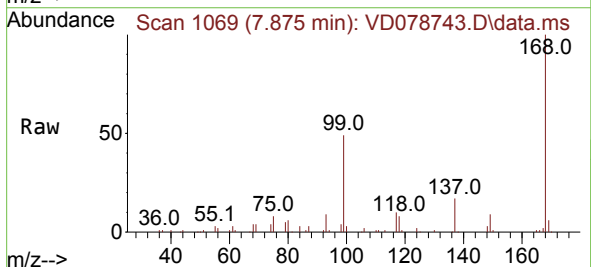
Tgt Ion: 117 Resp: 13186

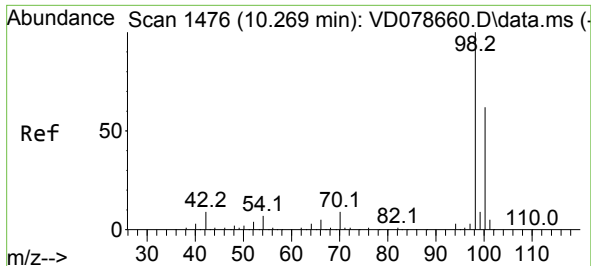
Ion Ratio Lower Upper

117 100

119 5.0 79.2 118.8#

121 0.0 26.8 40.2#

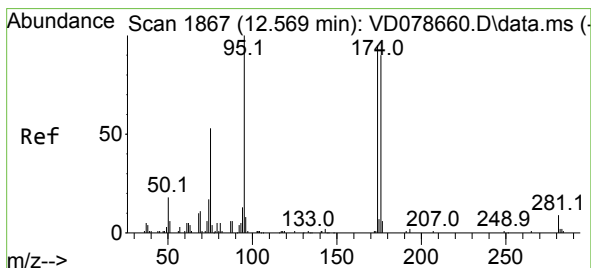
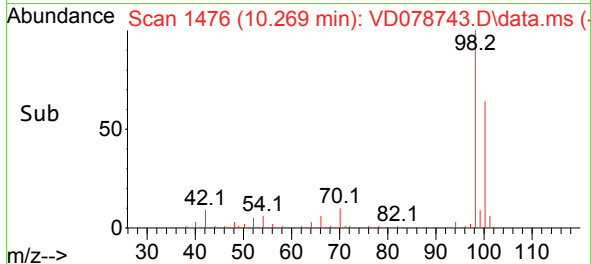
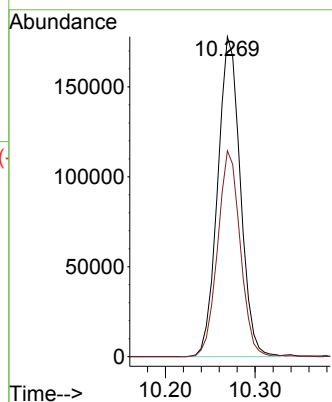
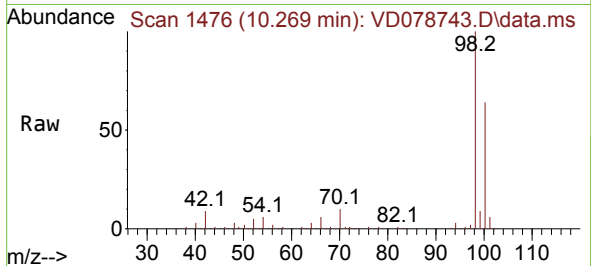




#50
Toluene-d8
Concen: 51.973 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078743.D
Acq: 22 Mar 2024 15:22

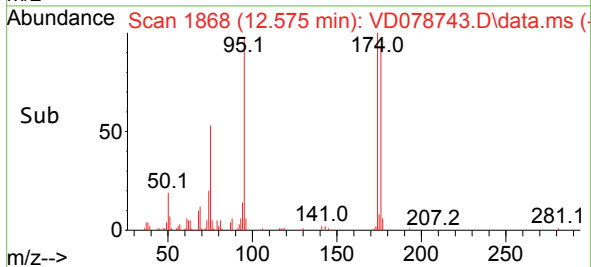
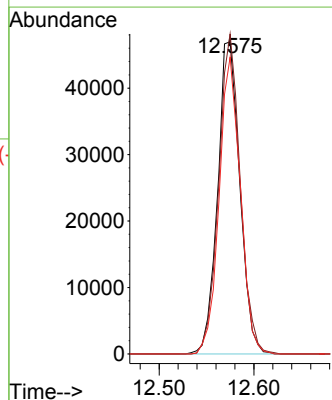
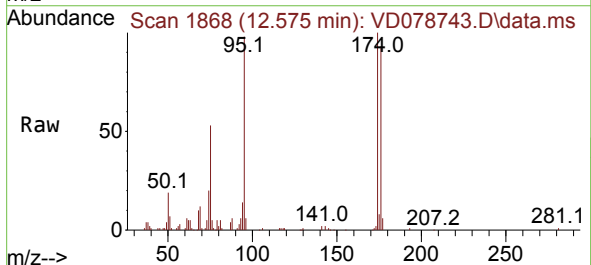
Instrument :
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CL-01-032124

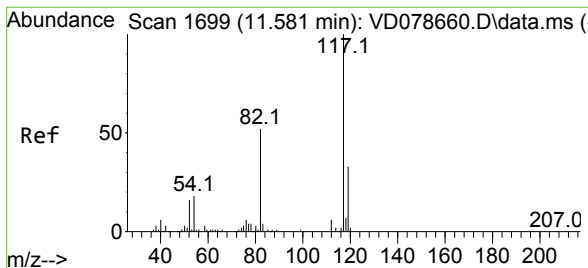
Tgt Ion: 98 Resp: 311640
Ion Ratio Lower Upper
98 100
100 64.6 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 43.632 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078743.D
Acq: 22 Mar 2024 15:22

Tgt Ion: 95 Resp: 76541
Ion Ratio Lower Upper
95 100
174 99.5 0.0 195.2
176 90.8 0.0 188.2

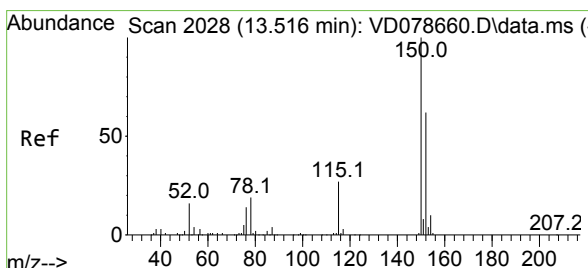
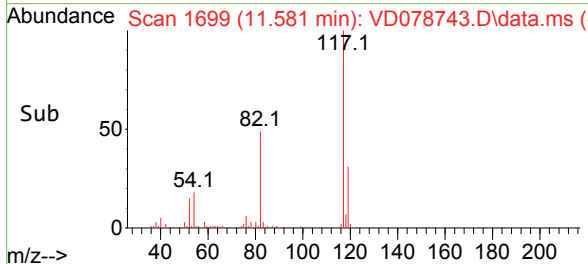
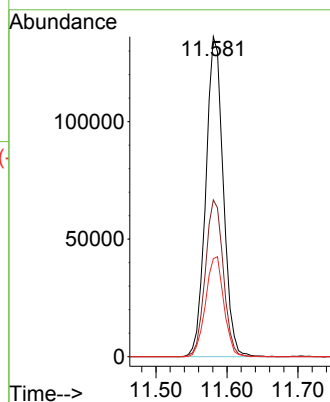
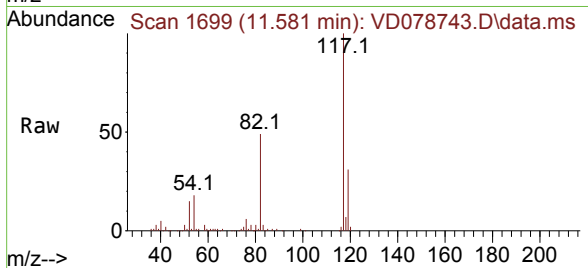




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078743.D
Acq: 22 Mar 2024 15:22

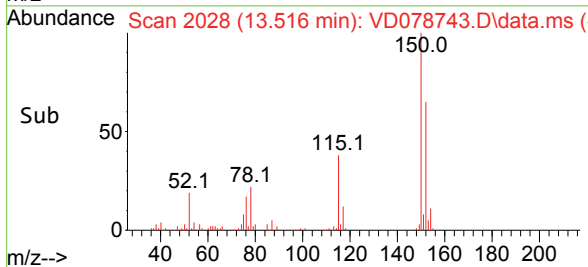
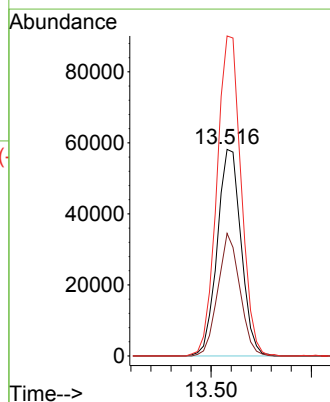
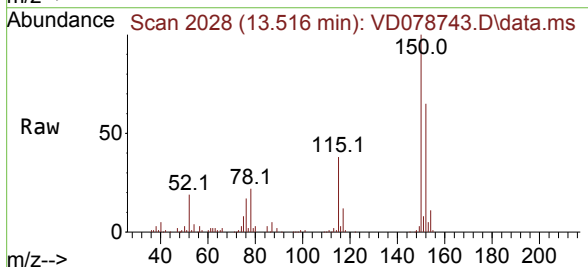
Instrument :
MSVOA_D
ClientSampleId :
CL-01-032124

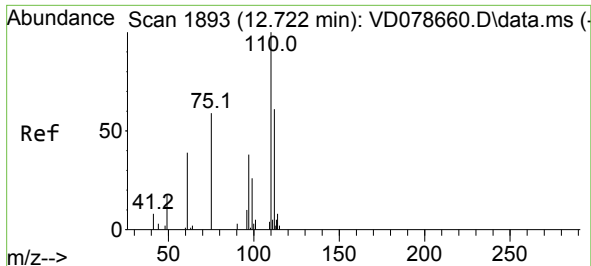
Tgt Ion:117 Resp: 232816
Ion Ratio Lower Upper
117 100
82 49.0 41.4 62.2
119 30.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078743.D
Acq: 22 Mar 2024 15:22

Tgt Ion:152 Resp: 96081
Ion Ratio Lower Upper
152 100
115 54.8 27.1 81.2
150 157.4 0.0 350.2

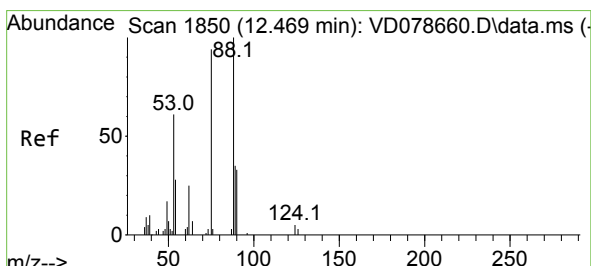
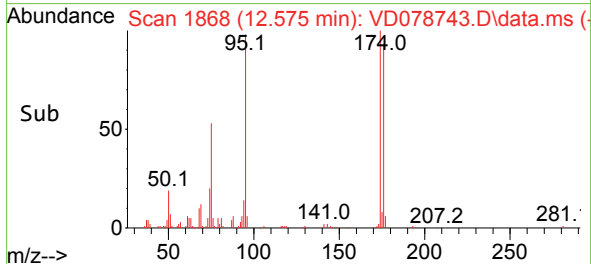
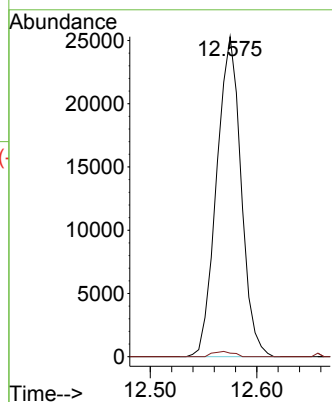
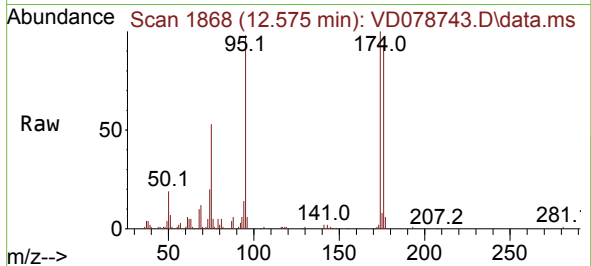




#76
1,2,3-Trichloropropane
Concen: 54.521 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078743.D
Acq: 22 Mar 2024 15:22

Instrument :
MSVOA_D
ClientSampleId :
CL-01-032124

Tgt Ion: 75 Resp: 40359
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.285 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078743.D
Acq: 22 Mar 2024 15:22

Tgt Ion: 75 Resp: 40359
Ion Ratio Lower Upper
75 100
53 0.1 61.0 91.6#
89 0.0 35.4 53.0#

