

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032724\
 Data File : VD078756.D
 Acq On : 27 Mar 2024 17:06
 Operator : RP/MD
 Sample : P1879-01
 Misc : 4.42/5ml/MSVOA_D/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB-01(0-2)

Quant Time: Mar 28 05:11:46 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)

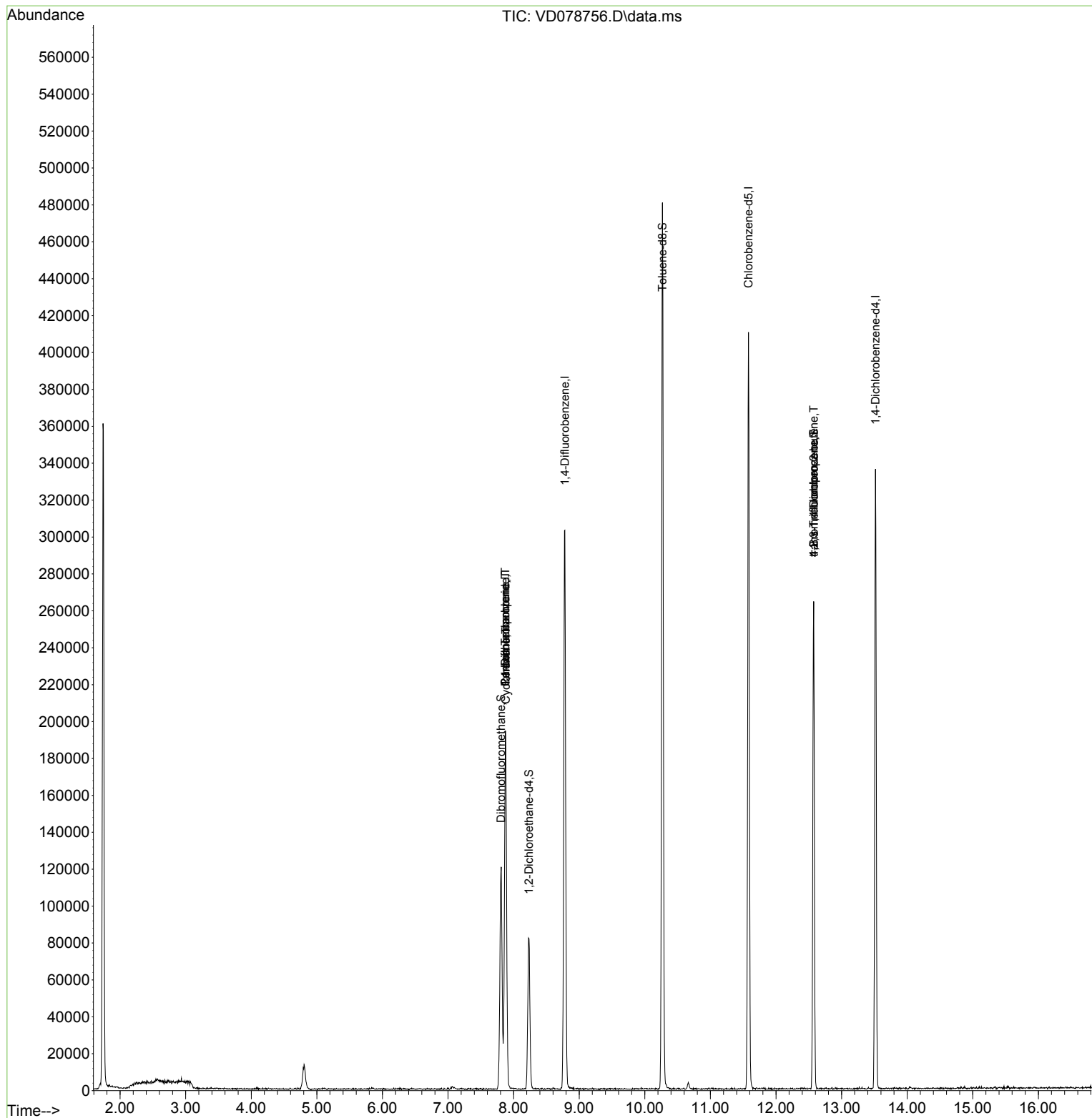
Internal Standards						
1) Pentafluorobenzene	7.875	168	152826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	285130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	247622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	92754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	65221	45.538	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.080%
35) Dibromofluoromethane	7.810	113	86470	47.102	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.200%
50) Toluene-d8	10.269	98	343200	50.833	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.660%
62) 4-Bromofluorobenzene	12.575	95	80516	40.764	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.520%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	4582	Below Cal		97
31) Cyclohexane	7.881	56	3384	1.406	ug/l #	24
36) 1,1-Dichloropropene	7.875	75	11794	4.428	ug/l #	49
38) Carbon Tetrachloride	7.875	117	15120	5.384	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	41223	57.686	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	41223	120.919	ug/l #	19

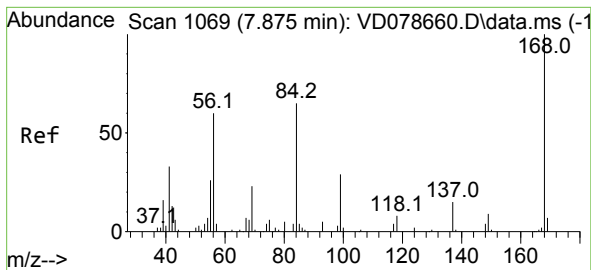
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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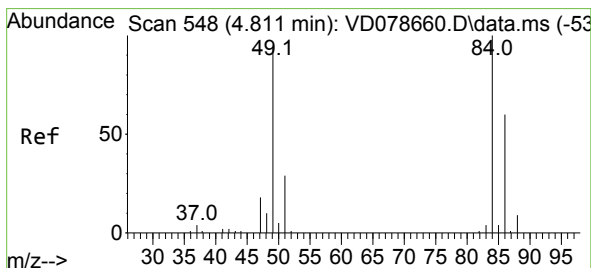
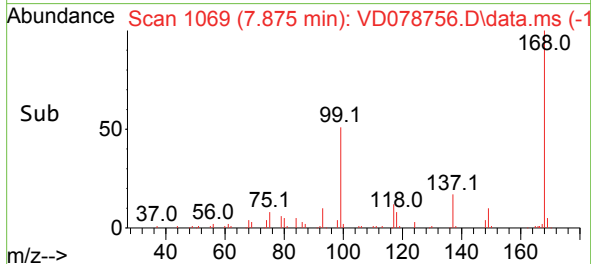
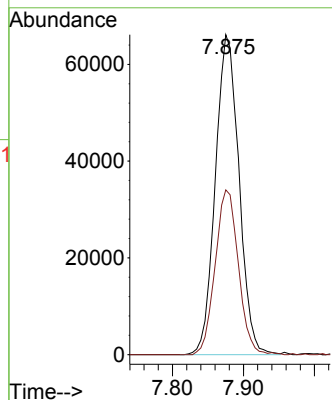
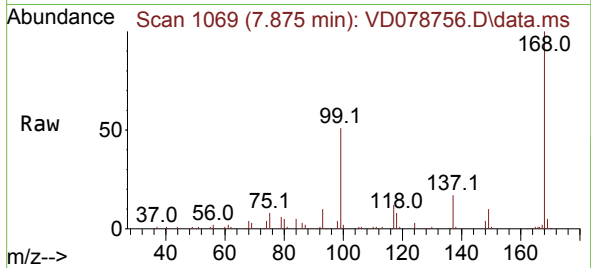




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078756.D
Acq: 27 Mar 2024 17:06

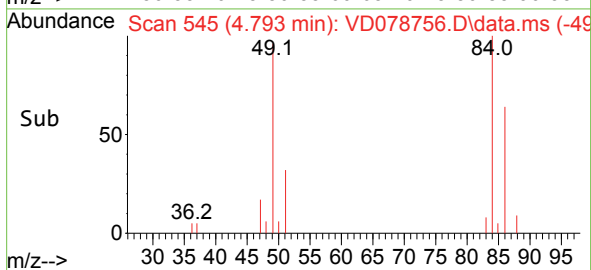
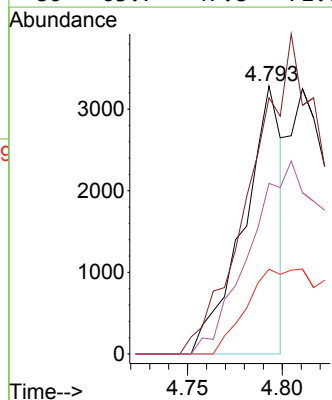
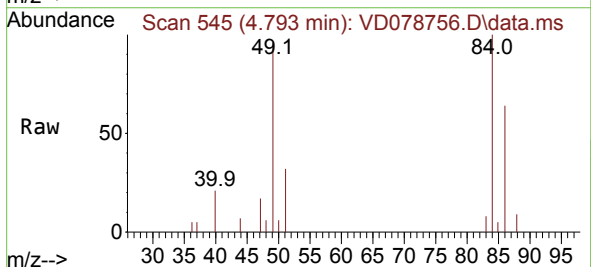
Instrument :
MSVOA_D
ClientSampleId :
EB-01(0-2)

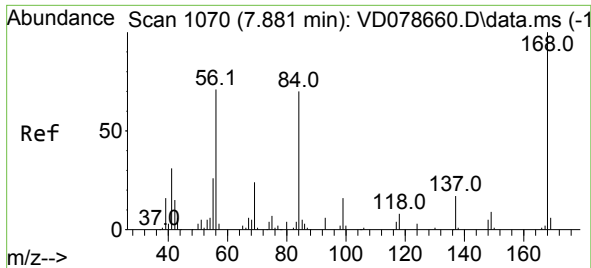
Tgt Ion:168 Resp: 152826
Ion Ratio Lower Upper
168 100
99 51.5 38.8 58.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 545
Delta R.T. -0.018 min
Lab File: VD078756.D
Acq: 27 Mar 2024 17:06

Tgt Ion: 84 Resp: 4582
Ion Ratio Lower Upper
84 100
49 95.6 75.6 113.4
51 31.7 23.4 35.0
86 63.7 47.8 71.6

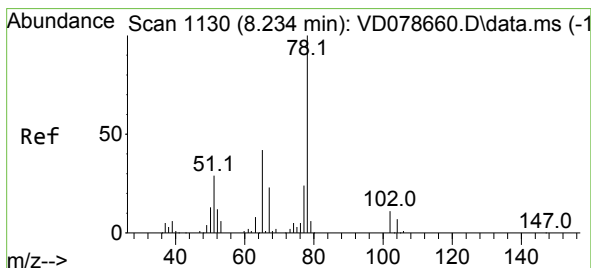
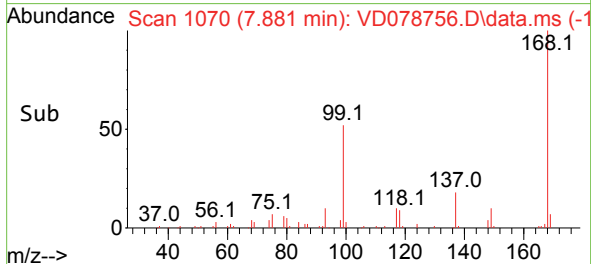
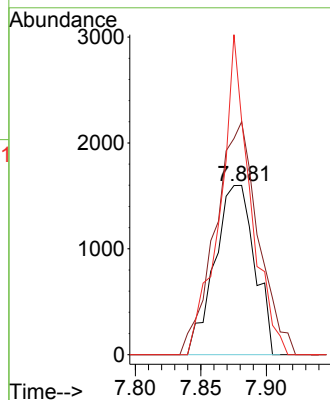
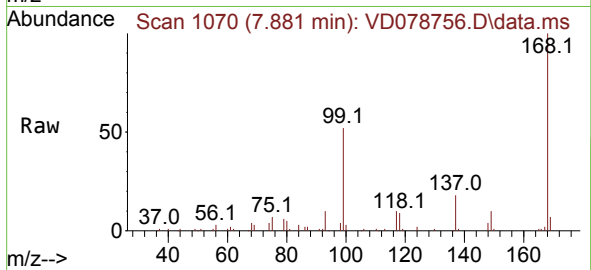




#31
Cyclohexane
Concen: 1.406 ug/l
RT: 7.881 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VD078756.D
Acq: 27 Mar 2024 17:06

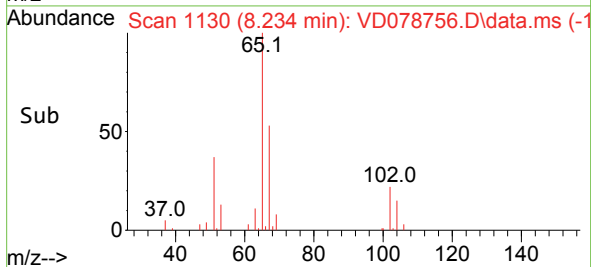
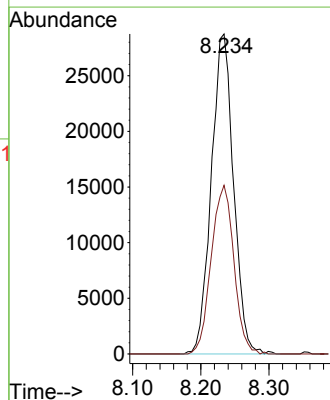
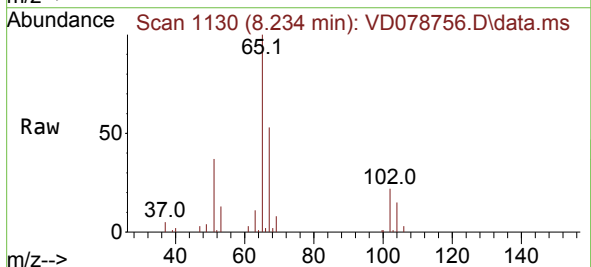
Instrument :
MSVOA_D
ClientSampleId :
EB-01(0-2)

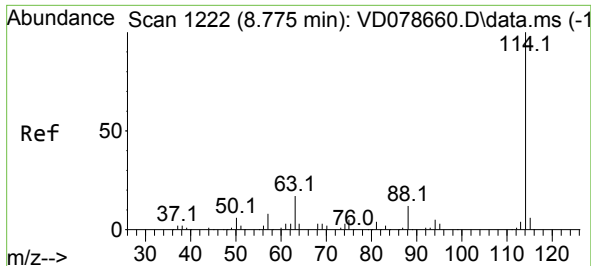
Tgt Ion: 56 Resp: 3384
Ion Ratio Lower Upper
56 100
69 137.6 26.6 40.0#
84 138.4 79.4 119.2#



#33
1,2-Dichloroethane-d4
Concen: 45.538 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078756.D
Acq: 27 Mar 2024 17:06

Tgt Ion: 65 Resp: 65221
Ion Ratio Lower Upper
65 100
67 53.8 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078756.D

Acq: 27 Mar 2024 17:06

Instrument :

MSVOA_D

ClientSampleId :

EB-01(0-2)

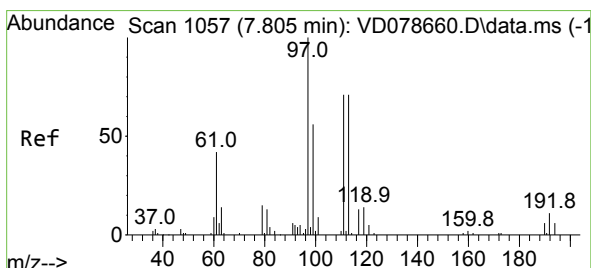
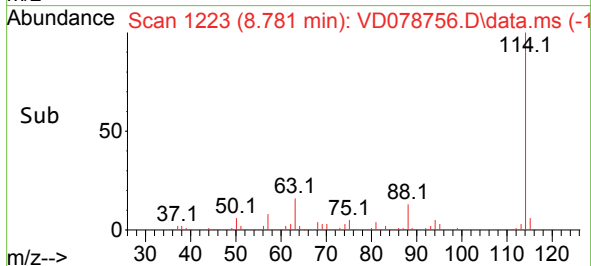
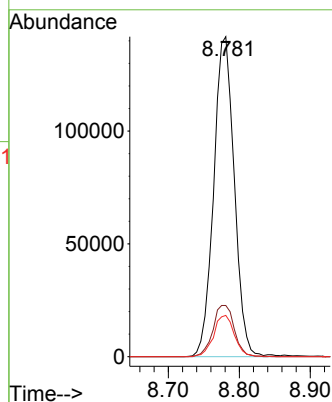
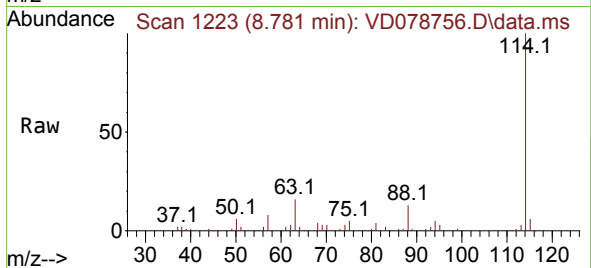
Tgt Ion:114 Resp: 285130

Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.4

88 12.9 0.0 24.6



#35

Dibromofluoromethane

Concen: 47.102 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078756.D

Acq: 27 Mar 2024 17:06

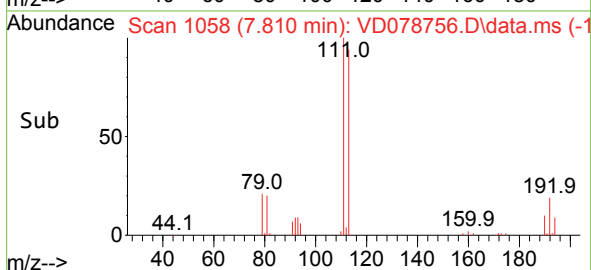
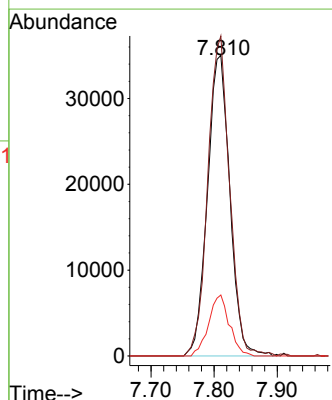
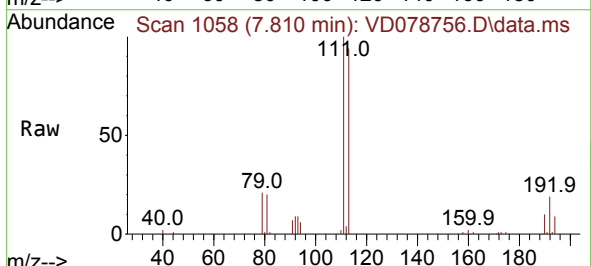
Tgt Ion:113 Resp: 86470

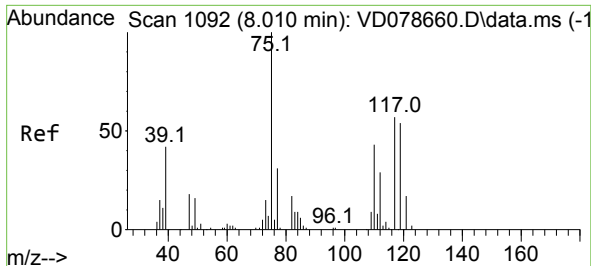
Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

192 18.8 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.428 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD078756.D

Acq: 27 Mar 2024 17:06

Instrument :

MSVOA_D

ClientSampleId :

EB-01(0-2)

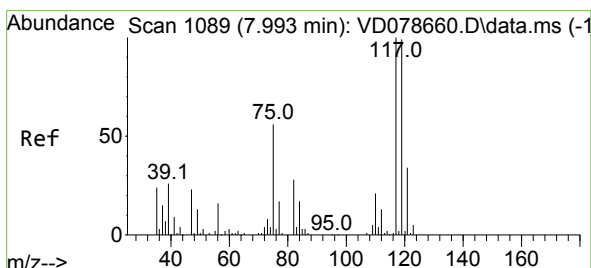
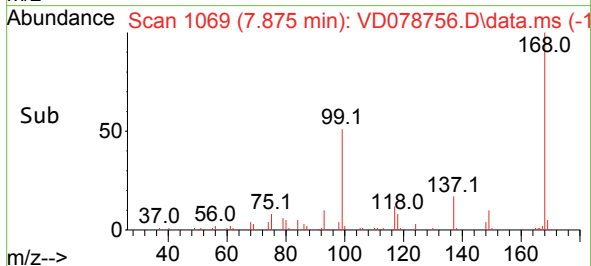
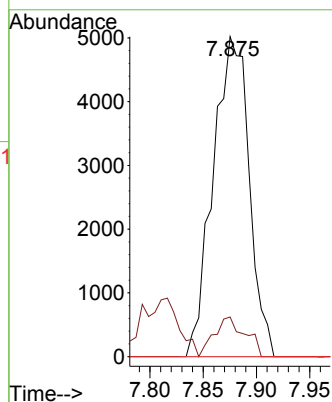
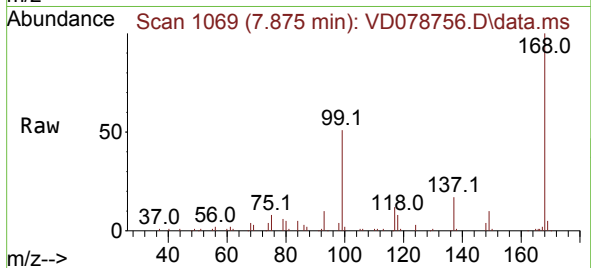
Tgt Ion: 75 Resp: 11794

Ion Ratio Lower Upper

75 100

110 10.6 19.1 57.1#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 5.384 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD078756.D

Acq: 27 Mar 2024 17:06

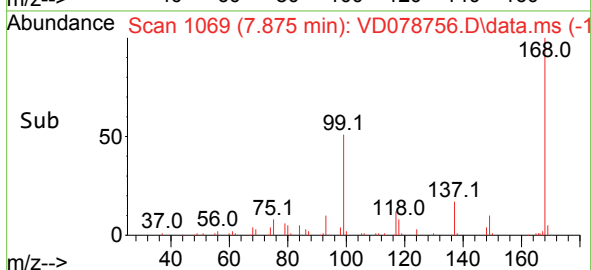
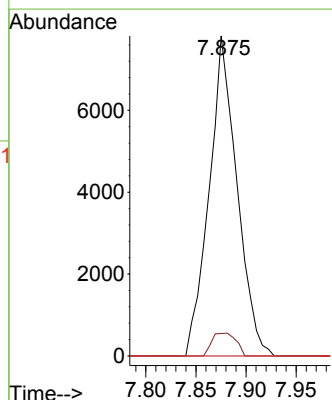
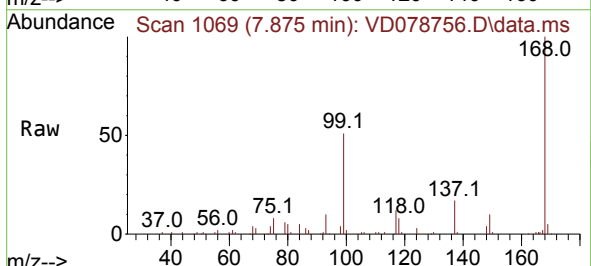
Tgt Ion: 117 Resp: 15120

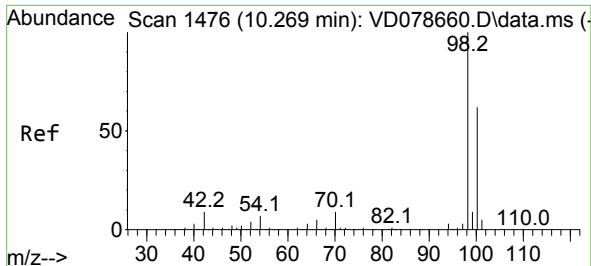
Ion Ratio Lower Upper

117 100

119 7.0 79.2 118.8#

121 0.0 26.8 40.2#

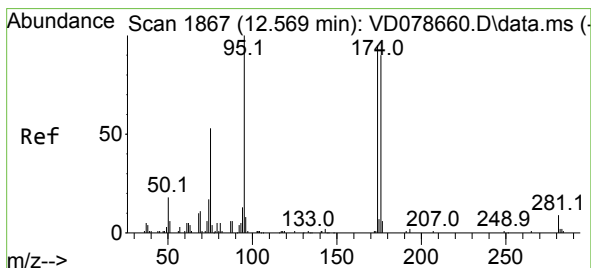
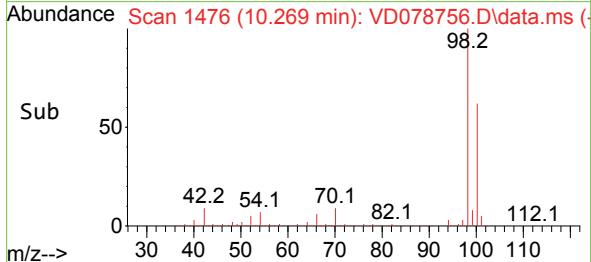
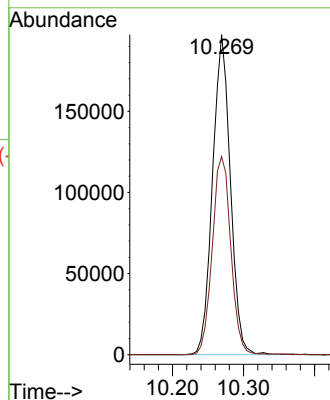
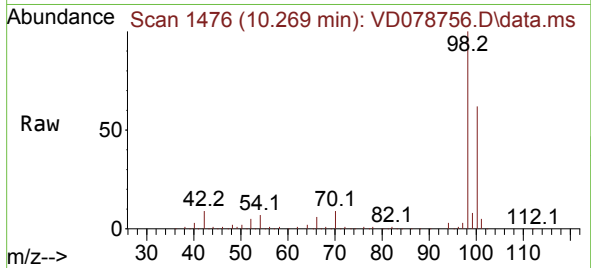




#50
Toluene-d8
Concen: 50.833 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078756.D
Acq: 27 Mar 2024 17:06

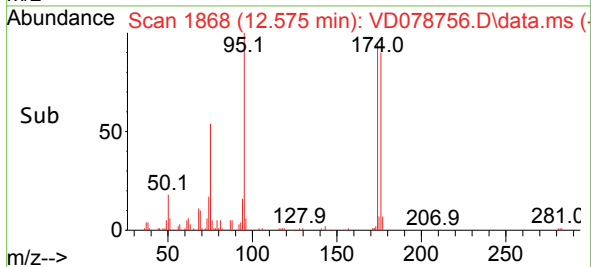
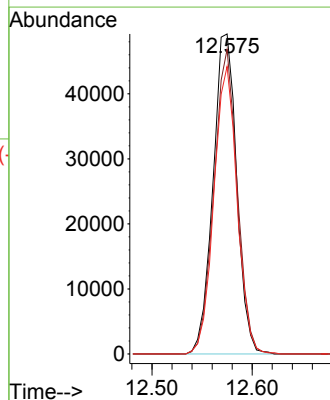
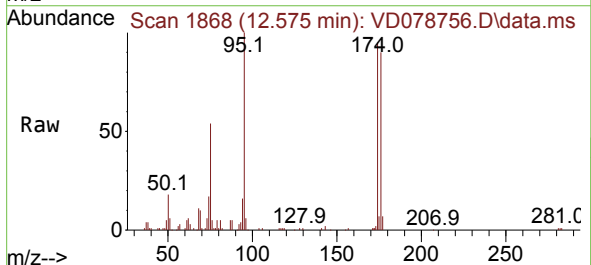
Instrument :
MSVOA_D
ClientSampleId :
EB-01(0-2)

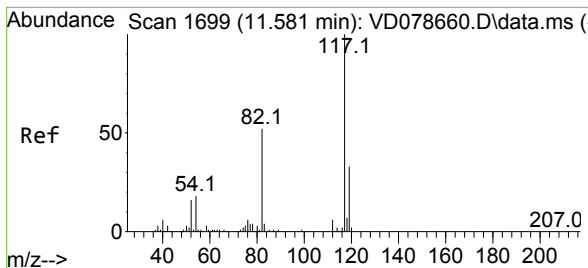
Tgt Ion: 98 Resp: 343200
Ion Ratio Lower Upper
98 100
100 64.3 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 40.764 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078756.D
Acq: 27 Mar 2024 17:06

Tgt Ion: 95 Resp: 80516
Ion Ratio Lower Upper
95 100
174 94.0 0.0 195.2
176 88.3 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078756.D

Acq: 27 Mar 2024 17:06

Instrument :

MSVOA_D

ClientSampleId :

EB-01(0-2)

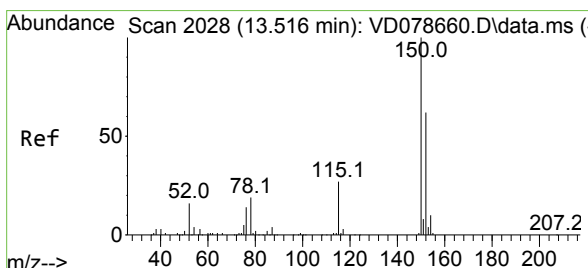
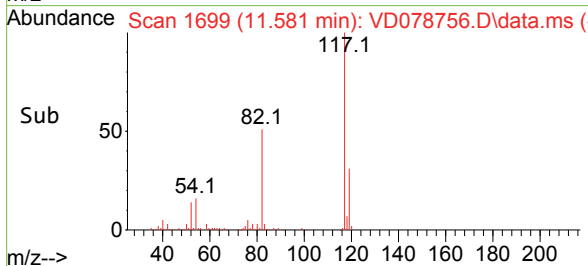
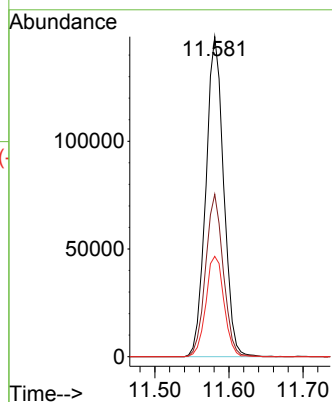
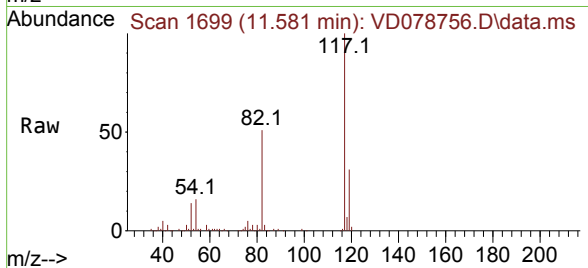
Tgt Ion:117 Resp: 247622

Ion Ratio Lower Upper

117 100

82 50.8 41.4 62.2

119 31.3 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: VD078756.D

Acq: 27 Mar 2024 17:06

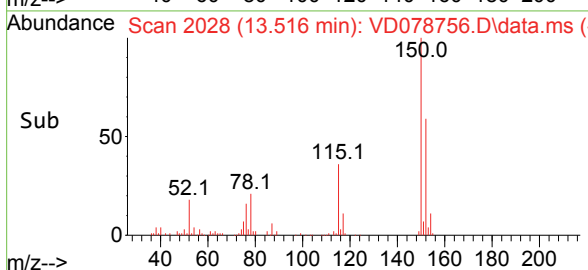
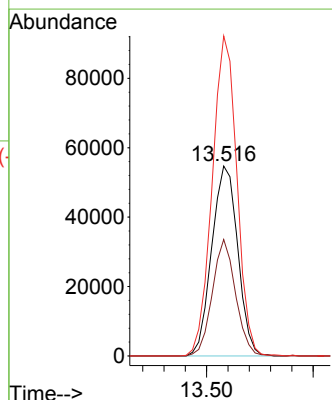
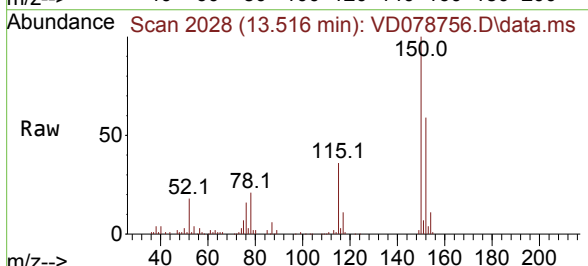
Tgt Ion:152 Resp: 92754

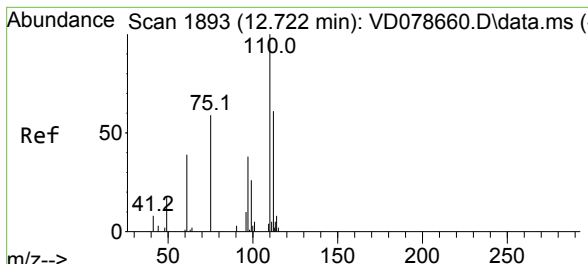
Ion Ratio Lower Upper

152 100

115 54.8 27.1 81.2

150 159.9 0.0 350.2

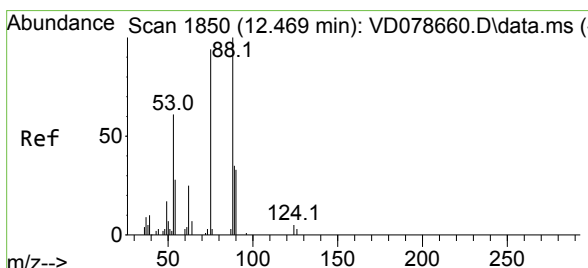
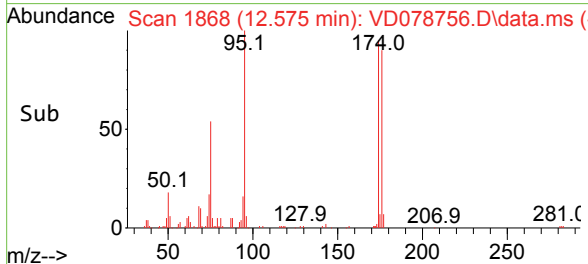
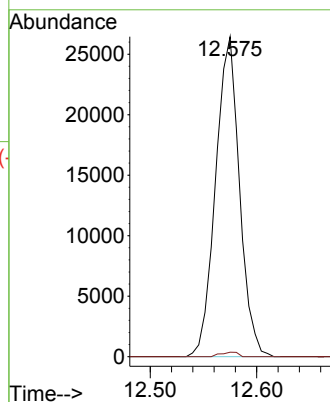
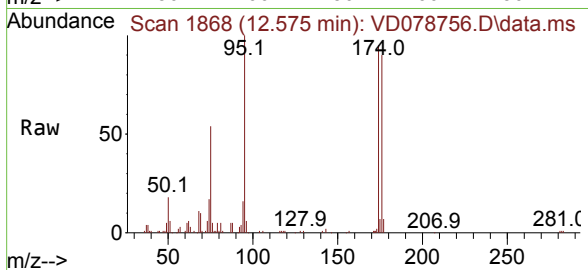




#76
 1,2,3-Trichloropropane
 Concen: 57.686 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078756.D
 Acq: 27 Mar 2024 17:06

Instrument :
 MSVOA_D
 ClientSampleId :
 EB-01(0-2)

Tgt Ion: 75 Resp: 41223
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.919 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD078756.D
 Acq: 27 Mar 2024 17:06

Tgt Ion: 75 Resp: 41223
 Ion Ratio Lower Upper
 75 100
 53 0.0 61.0 91.6#
 89 0.0 35.4 53.0#

