

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032824\
 Data File : VD078780.D
 Acq On : 28 Mar 2024 17:52
 Operator : RP/MD
 Sample : P1879-05
 Misc : 4.17G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB-03(0-2)

Quant Time: Mar 29 01:37:06 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)

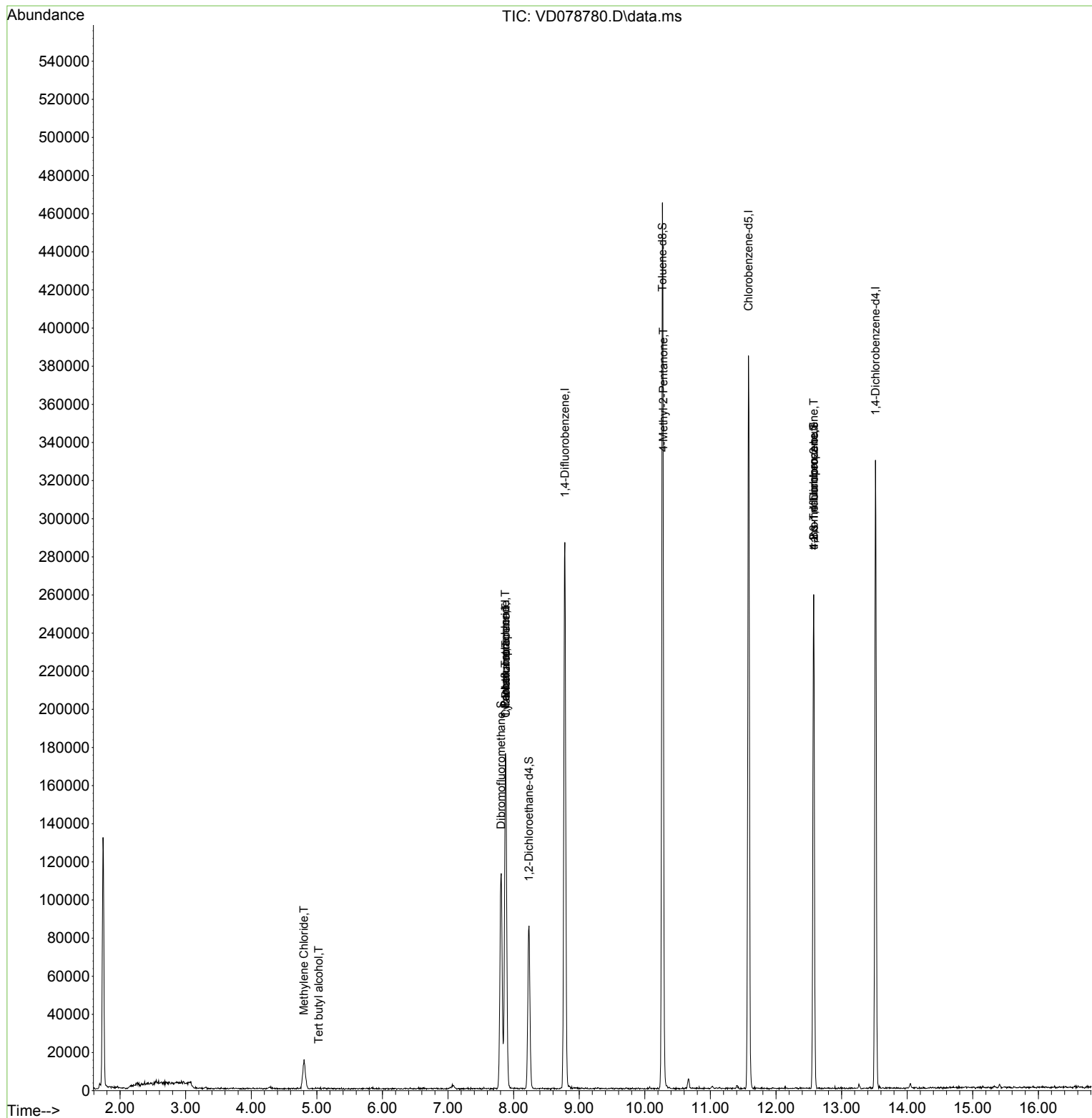
Internal Standards						
1) Pentafluorobenzene	7.875	168	141447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	271247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	235076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	66774	50.373	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.740%	
35) Dibromofluoromethane	7.810	113	83356	47.730	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.460%	
50) Toluene-d8	10.269	98	328475	51.142	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.280%	
62) 4-Bromofluorobenzene	12.575	95	75676	40.274	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 80.540%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.028	59	62	1.045	ug/l #	75
20) Methylene Chloride	4.805	84	12112	2.282	ug/l #	90
31) Cyclohexane	7.881	56	2867	1.287	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	11301	4.460	ug/l #	48
38) Carbon Tetrachloride	7.875	117	13306	4.981	ug/l #	15
51) 4-Methyl-2-Pentanone	10.281	43	1155	1.468	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	38582	54.683	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	38582	114.624	ug/l #	19

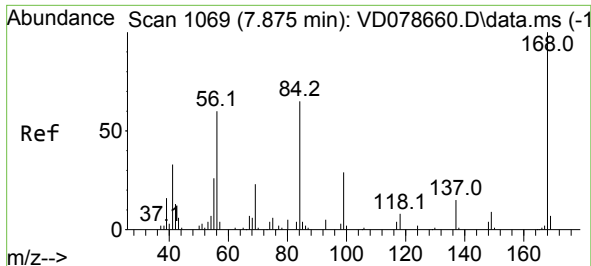
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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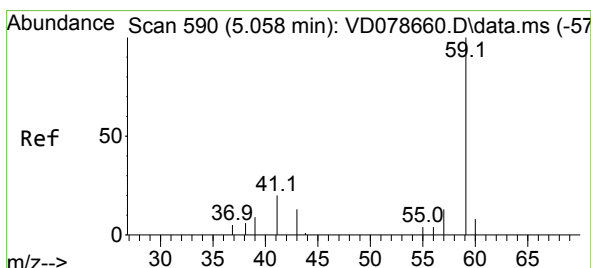
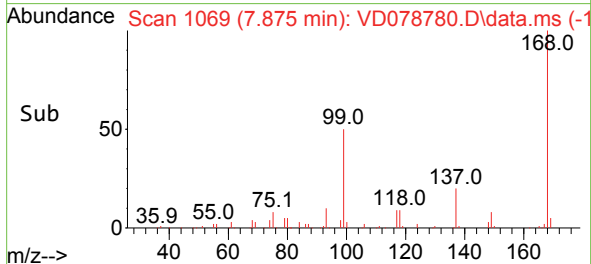
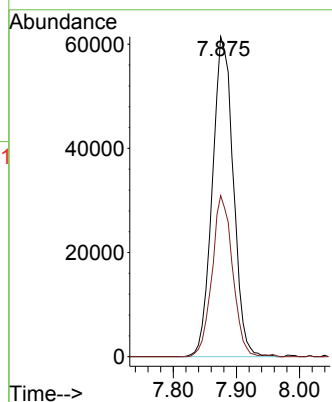
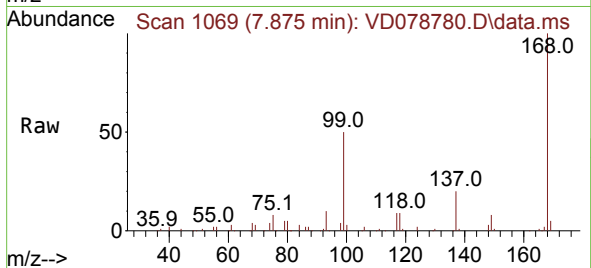




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078780.D
Acq: 28 Mar 2024 17:52

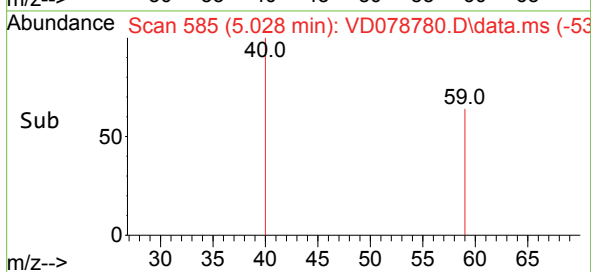
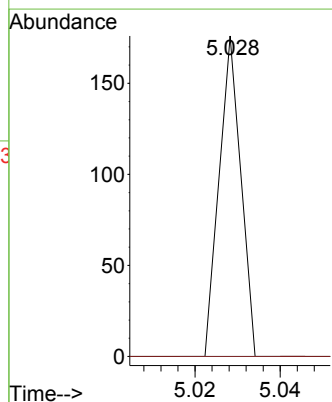
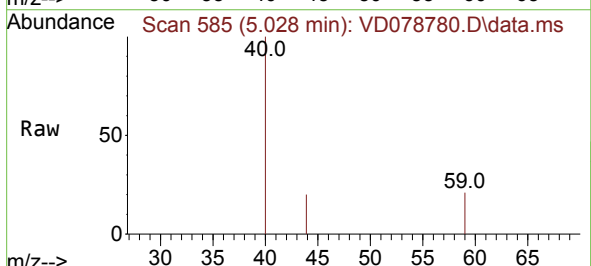
Instrument :
MSVOA_D
ClientSampleId :
EB-03(0-2)

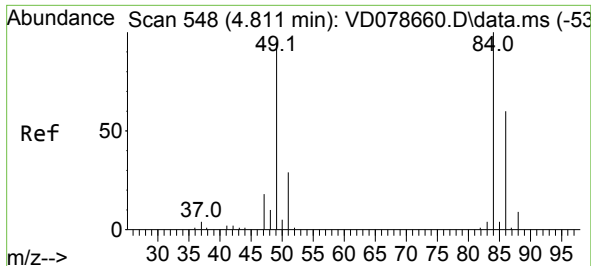
Tgt Ion:168 Resp: 141447
Ion Ratio Lower Upper
168 100
99 50.3 38.8 58.2



#11
Tert butyl alcohol
Concen: 1.045 ug/l
RT: 5.028 min Scan# 585
Delta R.T. -0.029 min
Lab File: VD078780.D
Acq: 28 Mar 2024 17:52

Tgt Ion: 59 Resp: 62
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

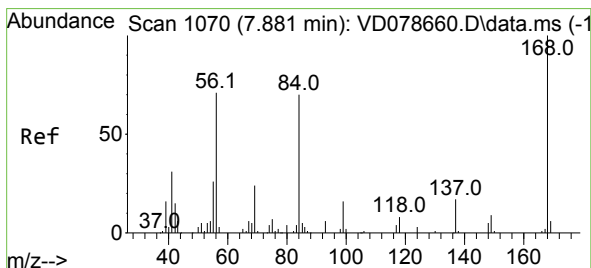
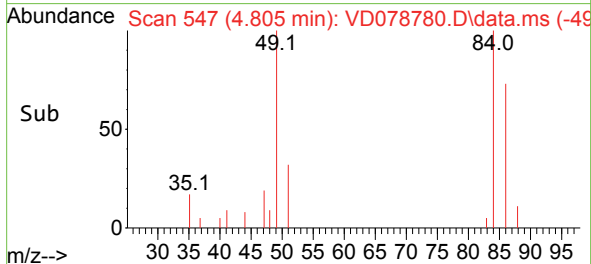
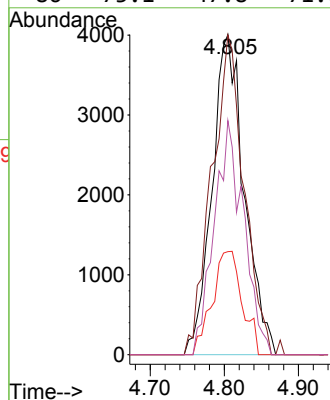
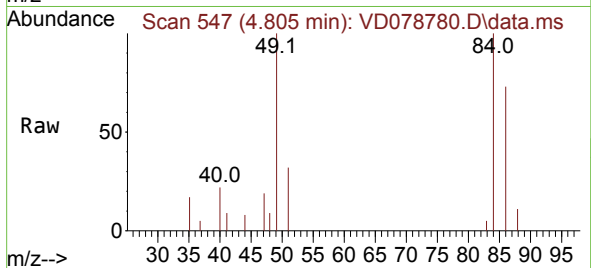




#20
Methylene Chloride
Concen: 2.282 ug/l
RT: 4.805 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD078780.D
Acq: 28 Mar 2024 17:52

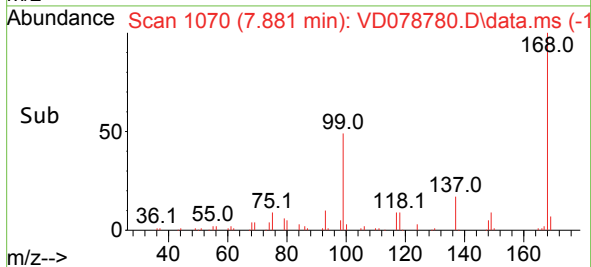
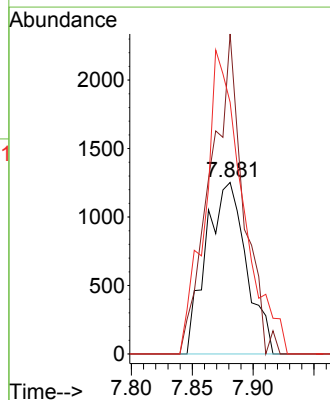
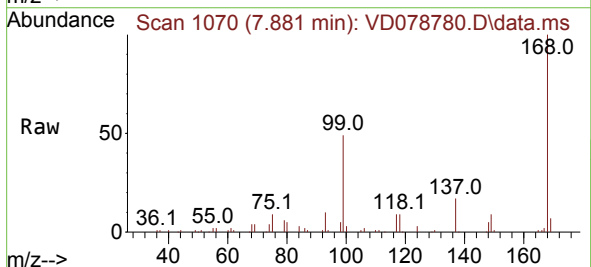
Instrument :
MSVOA_D
ClientSampleId :
EB-03(0-2)

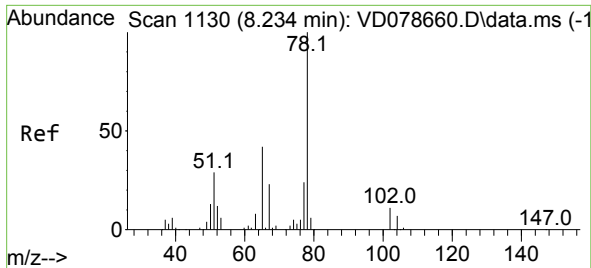
Tgt Ion: 84	Resp: 12112
Ion Ratio	Lower Upper
84	100
49	99.9 75.6 113.4
51	32.2 23.4 35.0
86	73.1 47.8 71.6#



#31
Cyclohexane
Concen: 1.287 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078780.D
Acq: 28 Mar 2024 17:52

Tgt Ion: 56	Resp: 2867
Ion Ratio	Lower Upper
56	100
69	186.5 26.6 40.0#
84	146.7 79.4 119.2#

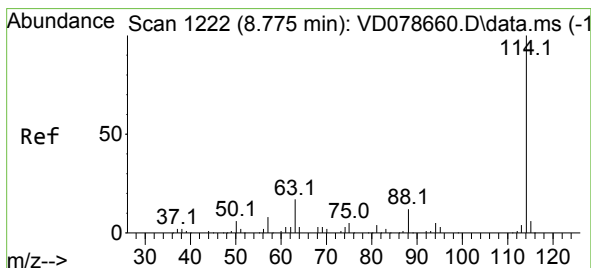
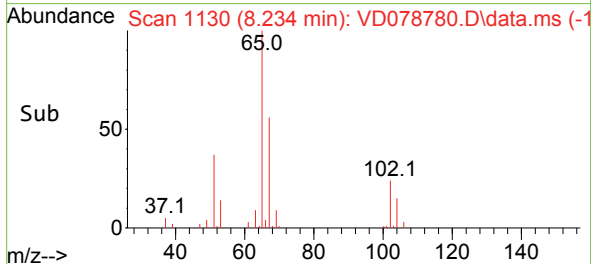
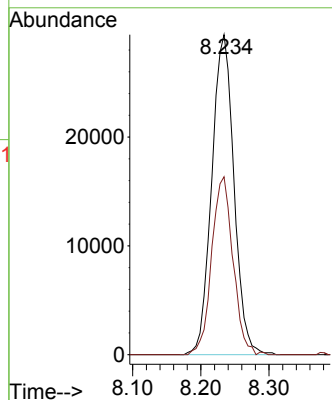
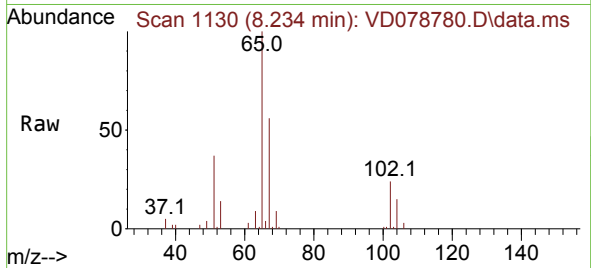




#33
 1,2-Dichloroethane-d4
 Concen: 50.373 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VD078780.D
 Acq: 28 Mar 2024 17:52

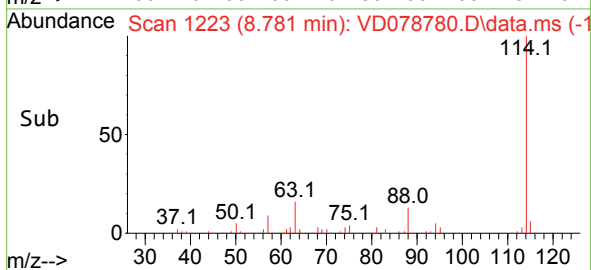
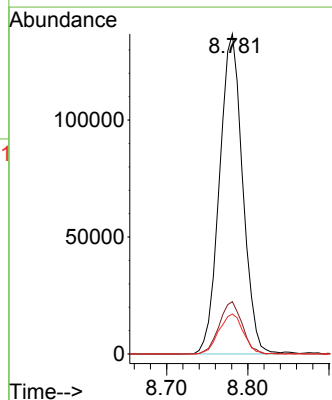
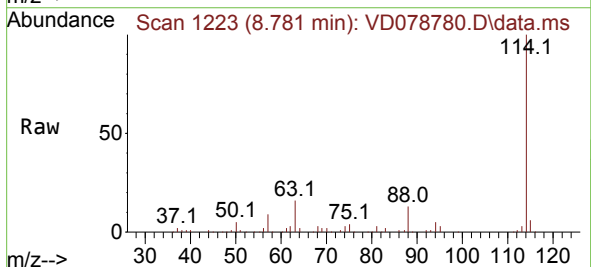
Instrument :
 MSVOA_D
 ClientSampleId :
 EB-03(0-2)

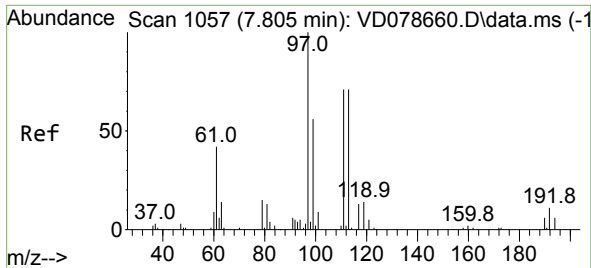
Tgt Ion: 65 Resp: 66774
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: VD078780.D
 Acq: 28 Mar 2024 17:52

Tgt Ion: 114 Resp: 271247
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 33.4
 88 12.5 0.0 24.6

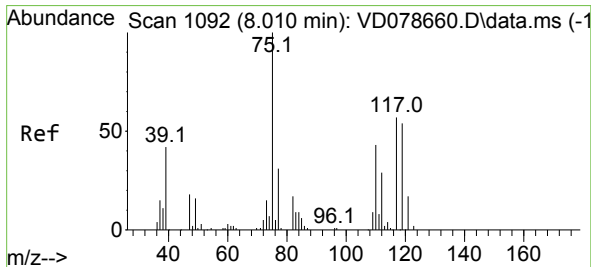
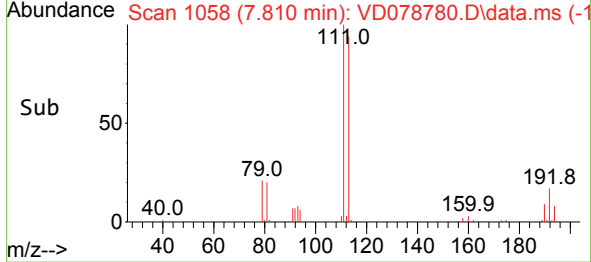
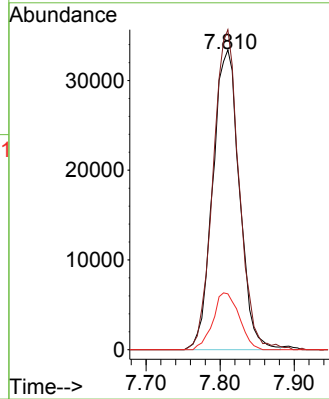
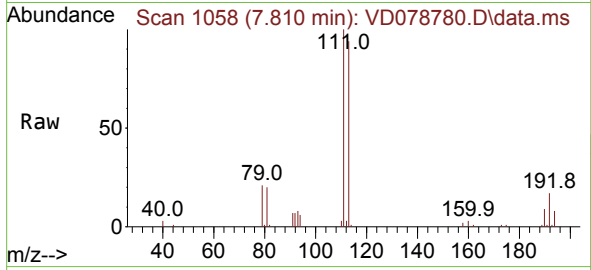




#35
Dibromofluoromethane
Concen: 47.730 ug/l
RT: 7.810 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VD078780.D
Acq: 28 Mar 2024 17:52

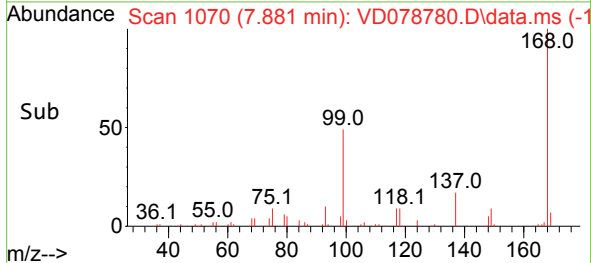
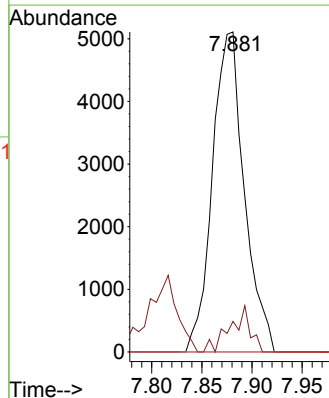
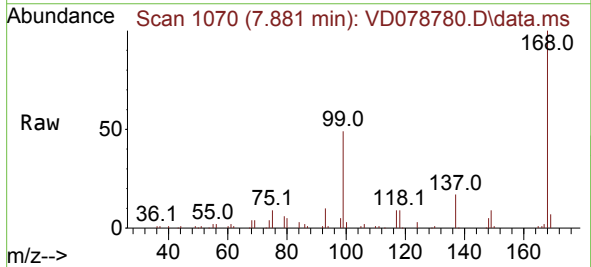
Instrument :
MSVOA_D
ClientSampleId :
EB-03(0-2)

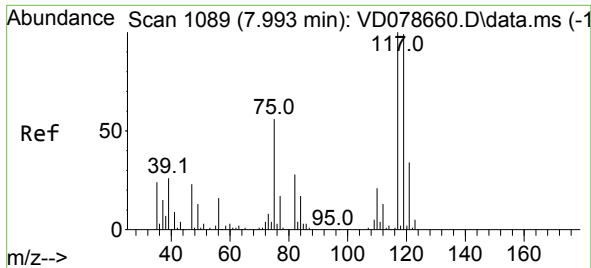
Tgt Ion:113 Resp: 83356
Ion Ratio Lower Upper
113 100
111 104.2 81.9 122.9
192 18.7 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.460 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD078780.D
Acq: 28 Mar 2024 17:52

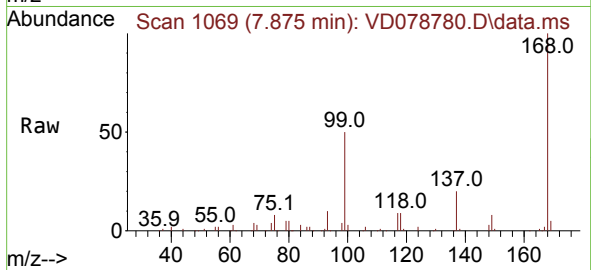
Tgt Ion: 75 Resp: 11301
Ion Ratio Lower Upper
75 100
110 9.2 19.1 57.1#
77 0.0 25.4 38.2#



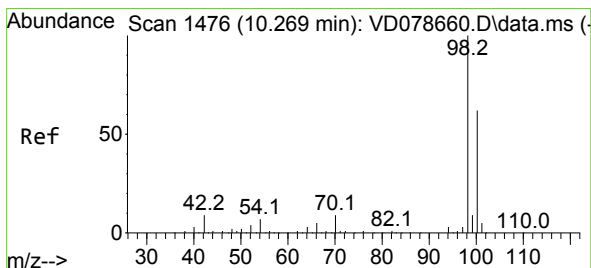
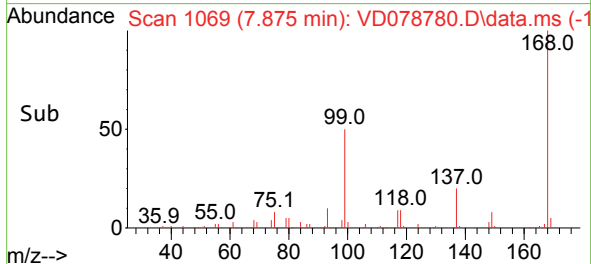
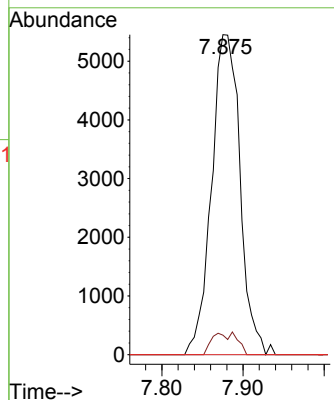


#38
Carbon Tetrachloride
Concen: 4.981 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD078780.D
Acq: 28 Mar 2024 17:52

Instrument :
MSVOA_D
ClientSampleId :
EB-03(0-2)

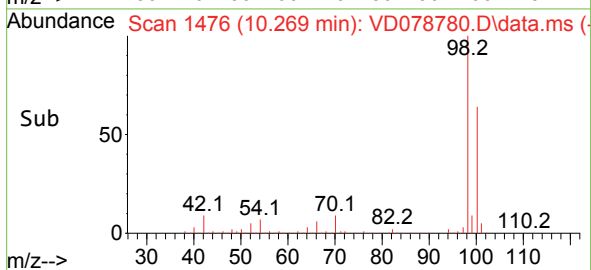
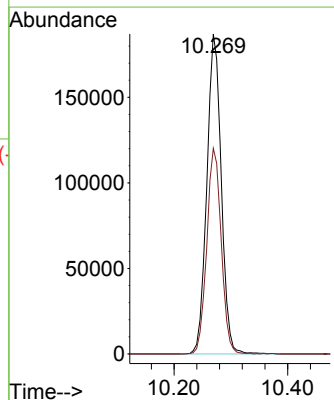
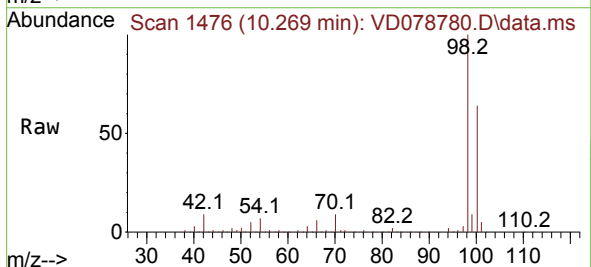


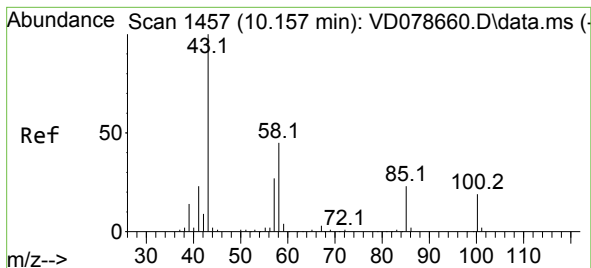
Tgt Ion:117 Resp: 13306
Ion Ratio Lower Upper
117 100
119 6.1 79.2 118.8#
121 0.0 26.8 40.2#



#50
Toluene-d8
Concen: 51.142 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078780.D
Acq: 28 Mar 2024 17:52

Tgt Ion: 98 Resp: 328475
Ion Ratio Lower Upper
98 100
100 64.3 50.5 75.7

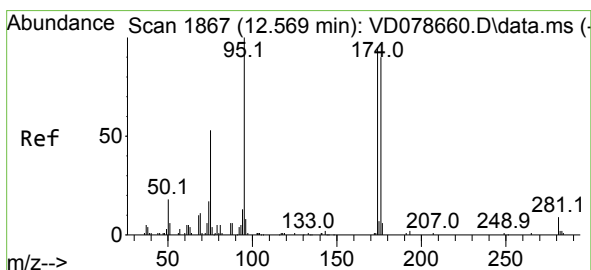
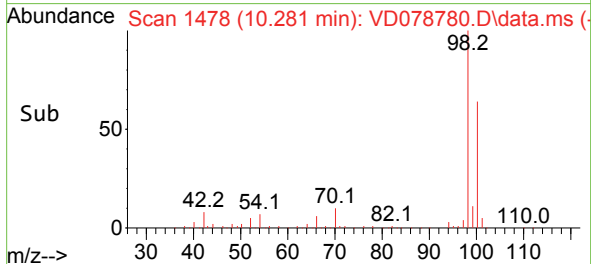
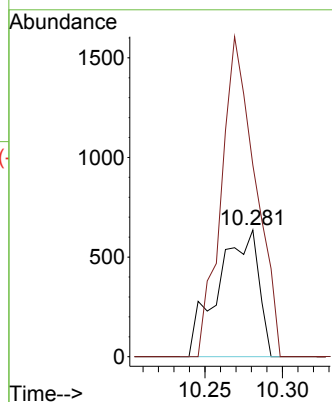
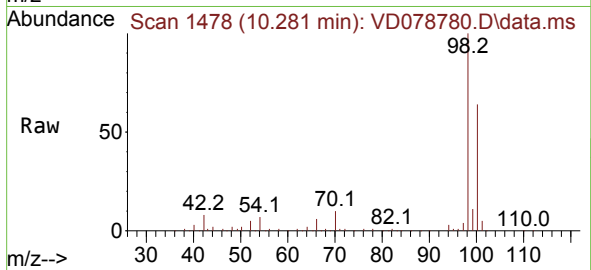




#51
4-Methyl-2-Pentanone
Concen: 1.468 ug/l
RT: 10.281 min Scan# 1457
Delta R.T. 0.124 min
Lab File: VD078780.D
Acq: 28 Mar 2024 17:52

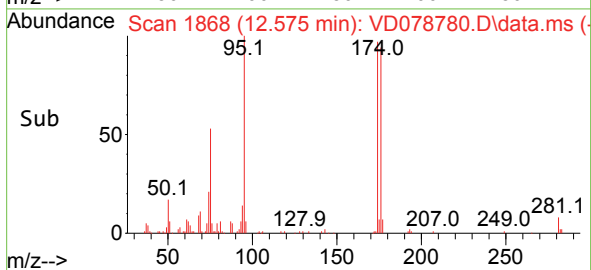
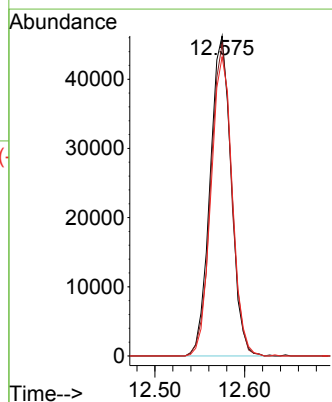
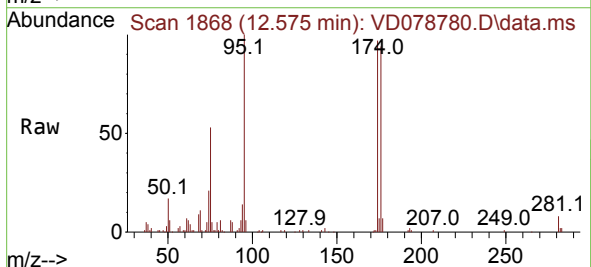
Instrument :
MSVOA_D
ClientSampleId :
EB-03(0-2)

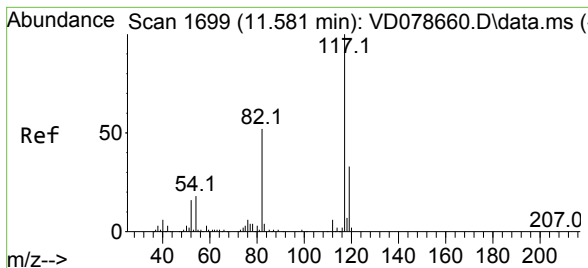
Tgt Ion: 43 Resp: 1155
Ion Ratio Lower Upper
43 100
58 213.7 36.4 54.6#



#62
4-Bromofluorobenzene
Concen: 40.274 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078780.D
Acq: 28 Mar 2024 17:52

Tgt Ion: 95 Resp: 75676
Ion Ratio Lower Upper
95 100
174 95.8 0.0 195.2
176 94.0 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: VD078780.D

Acq: 28 Mar 2024 17:52

Instrument :

MSVOA_D

ClientSampleId :

EB-03(0-2)

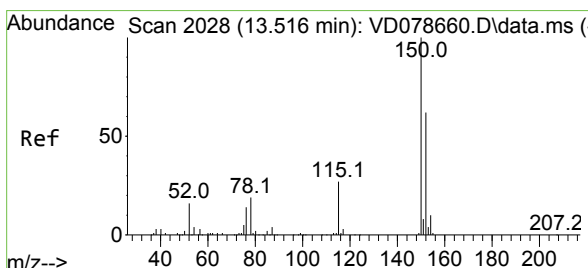
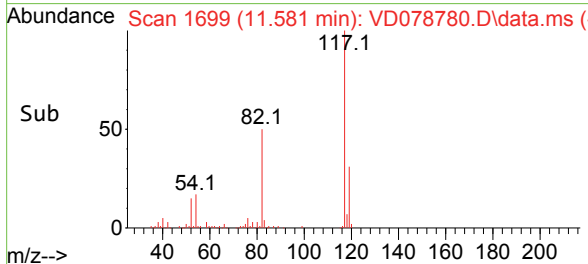
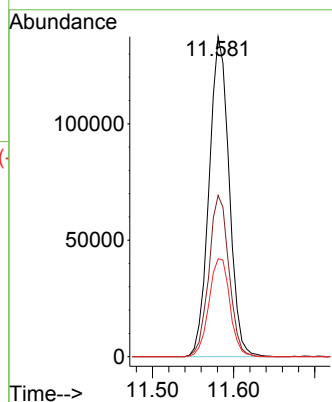
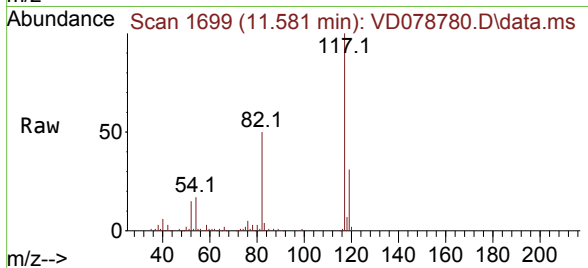
Tgt Ion:117 Resp: 235076

Ion Ratio Lower Upper

117 100

82 50.4 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: VD078780.D

Acq: 28 Mar 2024 17:52

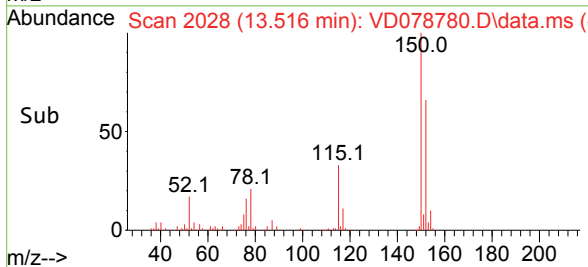
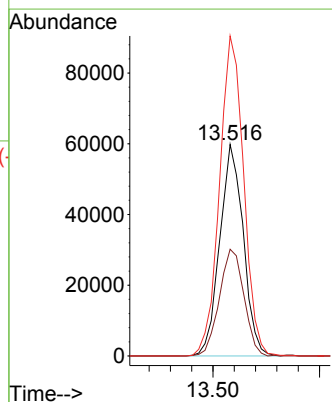
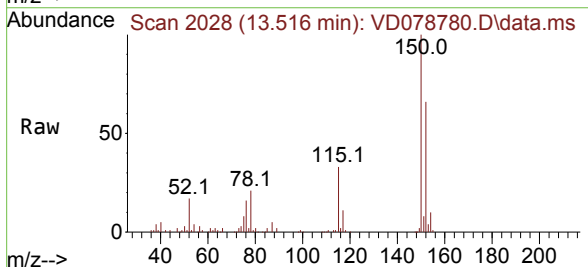
Tgt Ion:152 Resp: 91579

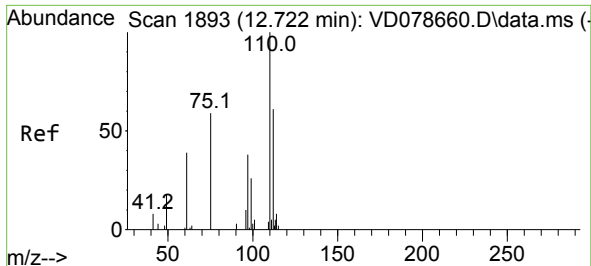
Ion Ratio Lower Upper

152 100

115 52.7 27.1 81.2

150 155.4 0.0 350.2

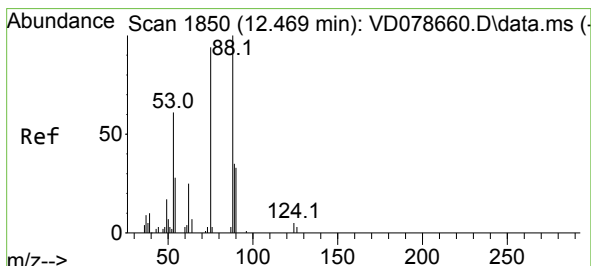
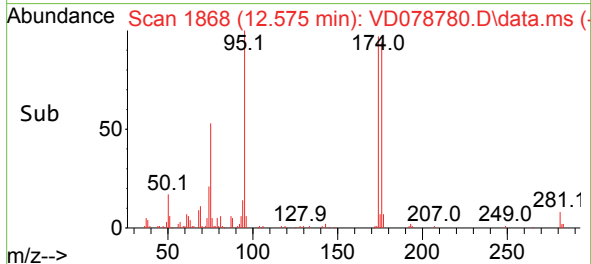
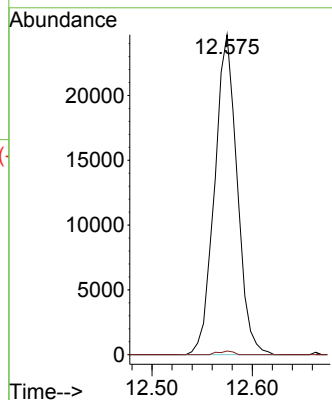
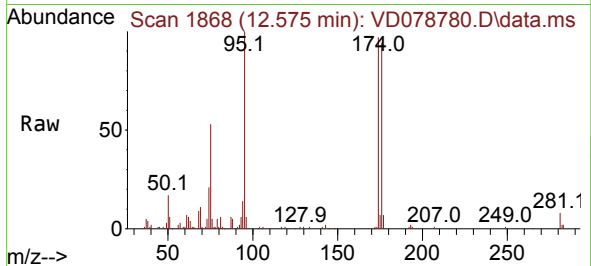




#76
1,2,3-Trichloropropane
Concen: 54.683 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078780.D
Acq: 28 Mar 2024 17:52

Instrument :
MSVOA_D
ClientSampleId :
EB-03(0-2)

Tgt Ion: 75 Resp: 38582
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.624 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078780.D
Acq: 28 Mar 2024 17:52

Tgt Ion: 75 Resp: 38582
Ion Ratio Lower Upper
75 100
53 0.2 61.0 91.6#
89 0.0 35.4 53.0#

