

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032824\
 Data File : VD078782.D
 Acq On : 28 Mar 2024 18:47
 Operator : RP/MD
 Sample : P1879-07
 Misc : 4.32G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB-04(0-2)

Quant Time: Mar 29 01:37:49 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)

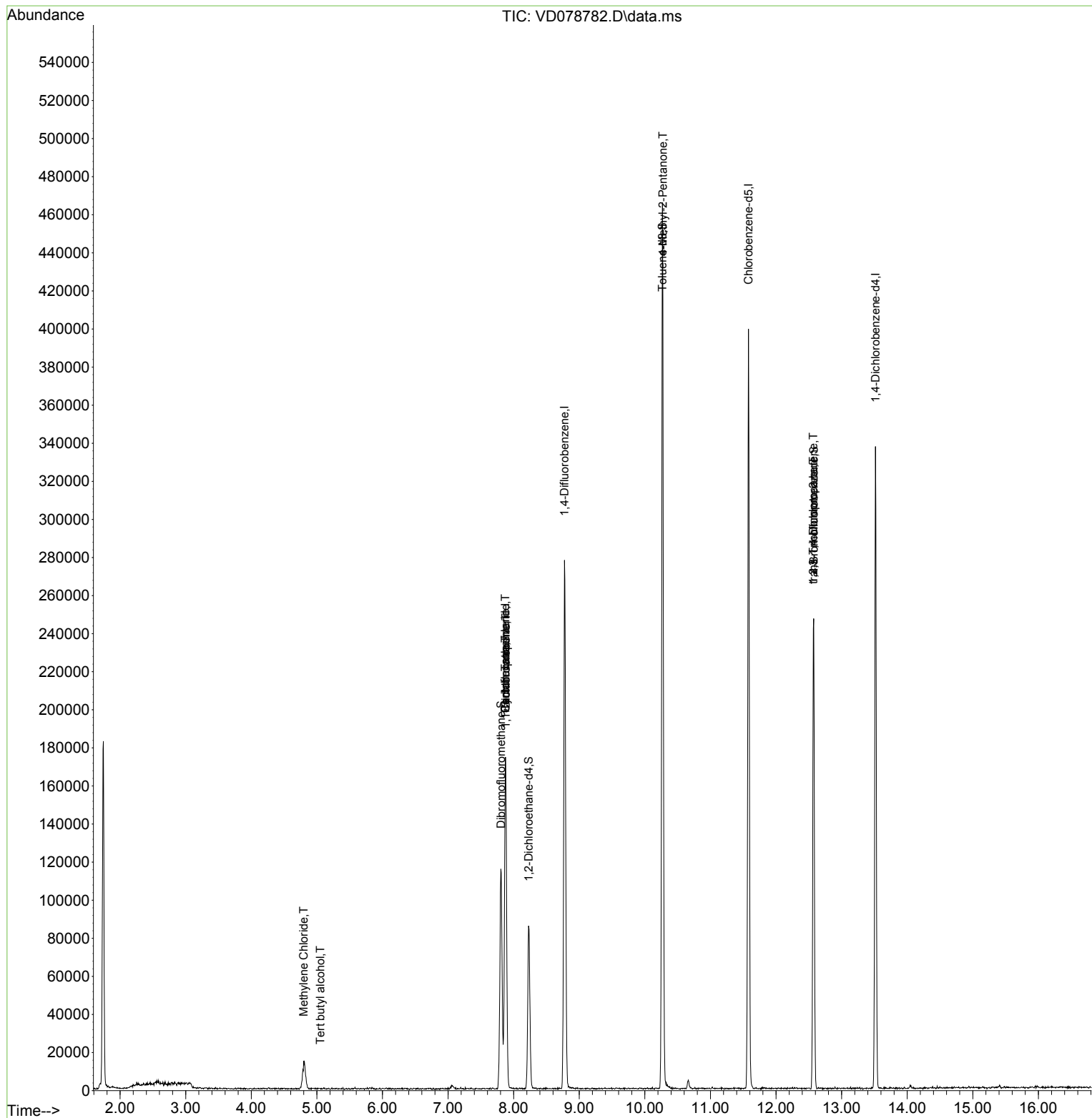
Internal Standards						
1) Pentafluorobenzene	7.875	168	139673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	255382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	235672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	89446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	65466	50.014	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.020%	
35) Dibromofluoromethane	7.810	113	84108	51.152	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.300%	
50) Toluene-d8	10.269	98	318380	52.650	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.300%	
62) 4-Bromofluorobenzene	12.575	95	73447	41.516	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.040%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.052	59	63	1.075	ug/l #	75
20) Methylene Chloride	4.799	84	11492	1.981	ug/l #	91
31) Cyclohexane	7.875	56	2620	1.191	ug/l #	35
36) 1,1-Dichloropropene	7.881	75	11269	4.724	ug/l #	48
38) Carbon Tetrachloride	7.875	117	13854	5.508	ug/l #	15
51) 4-Methyl-2-Pentanone	10.275	43	1160	1.565	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	38988	56.576	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	38988	118.592	ug/l #	19

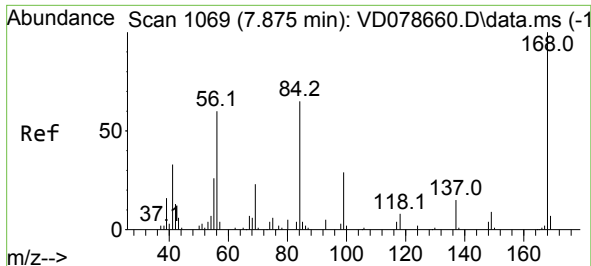
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EB-04(0-2)

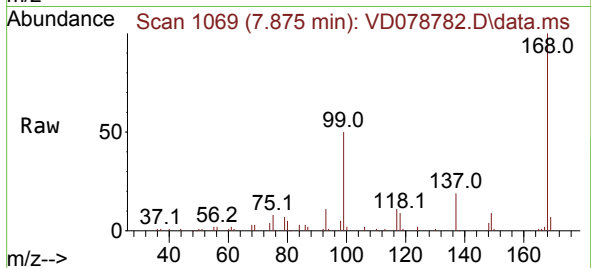
Quant Time: Mar 29 01:37:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
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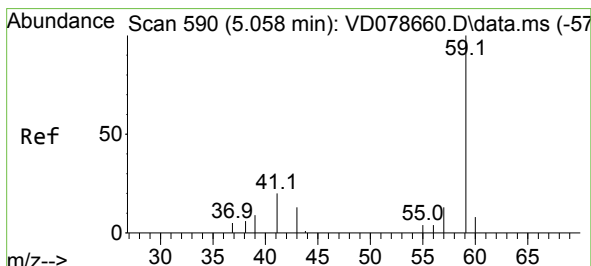
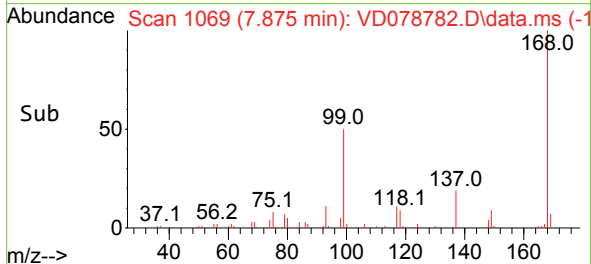
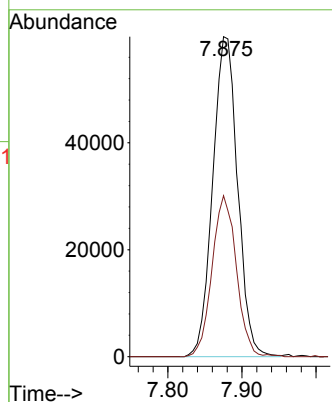


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078782.D
Acq: 28 Mar 2024 18:47

Instrument :
MSVOA_D
ClientSampleId :
EB-04(0-2)

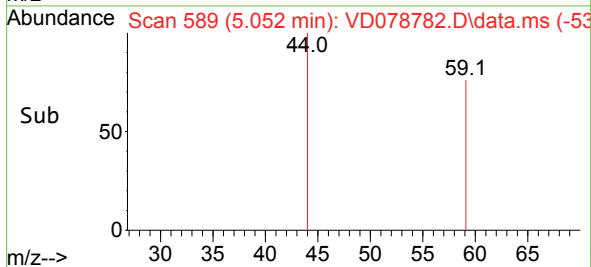
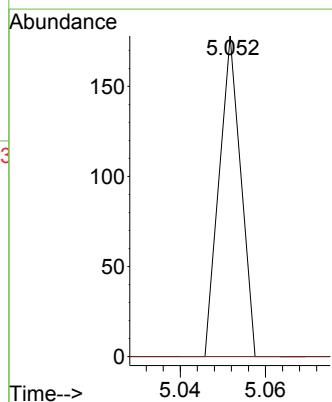
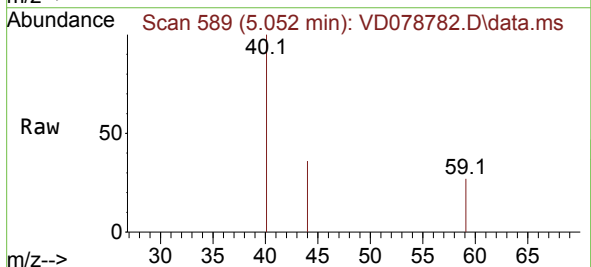


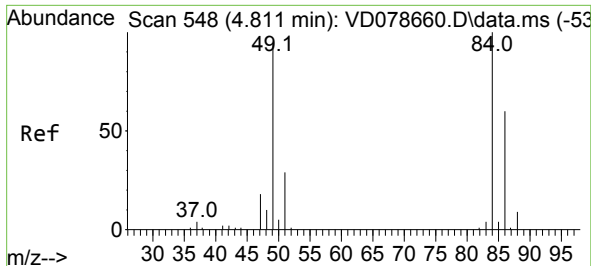
Tgt Ion:168 Resp: 139673
Ion Ratio Lower Upper
168 100
99 50.3 38.8 58.2



#11
Tert butyl alcohol
Concen: 1.075 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.006 min
Lab File: VD078782.D
Acq: 28 Mar 2024 18:47

Tgt Ion: 59 Resp: 63
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

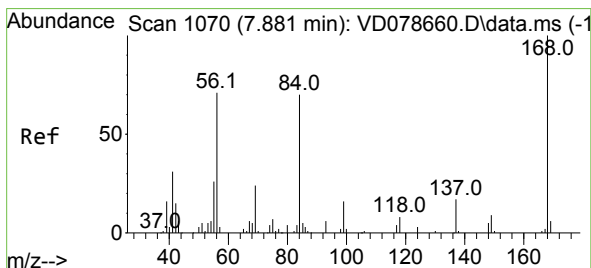
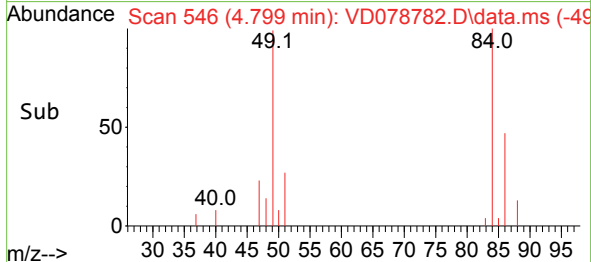
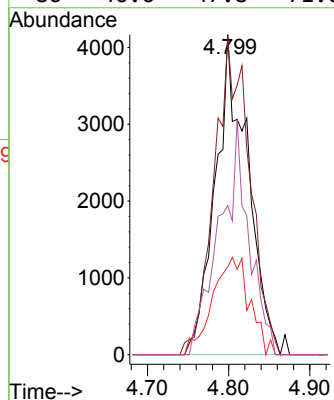
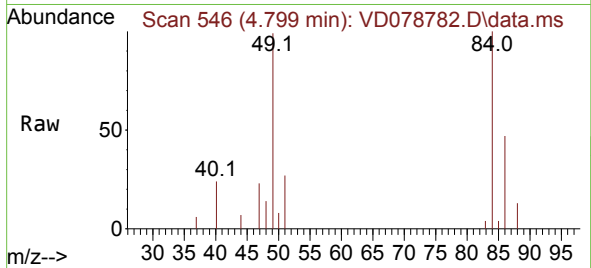




#20
Methylene Chloride
Concen: 1.981 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.012 min
Lab File: VD078782.D
Acq: 28 Mar 2024 18:47

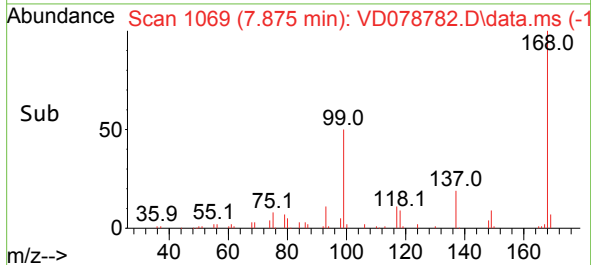
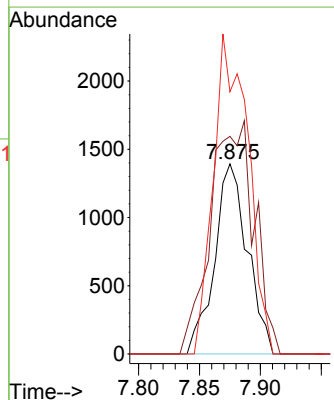
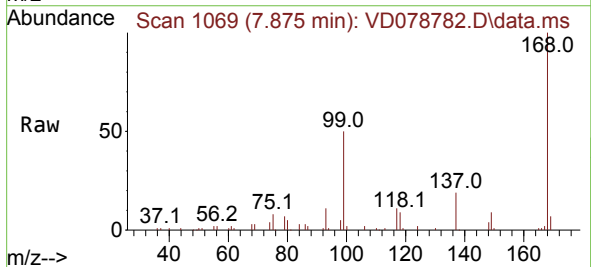
Instrument :
MSVOA_D
ClientSampleId :
EB-04(0-2)

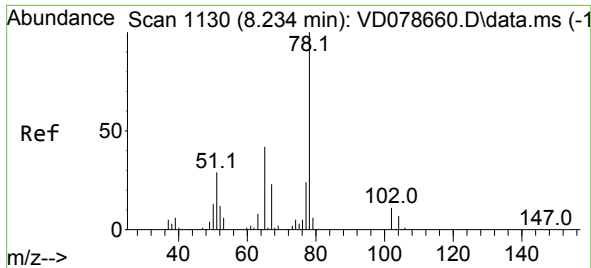
Tgt Ion: 84	Resp:	11492
Ion	Ratio	Lower Upper
84	100	
49	99.4	75.6 113.4
51	27.4	23.4 35.0
86	46.6	47.8 71.6#



#31
Cyclohexane
Concen: 1.191 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078782.D
Acq: 28 Mar 2024 18:47

Tgt Ion: 56	Resp:	2620
Ion	Ratio	Lower Upper
56	100	
69	114.5	26.6 40.0#
84	138.0	79.4 119.2#





#33

1,2-Dichloroethane-d4

Concen: 50.014 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078782.D

Acq: 28 Mar 2024 18:47

Instrument :

MSVOA_D

ClientSampleId :

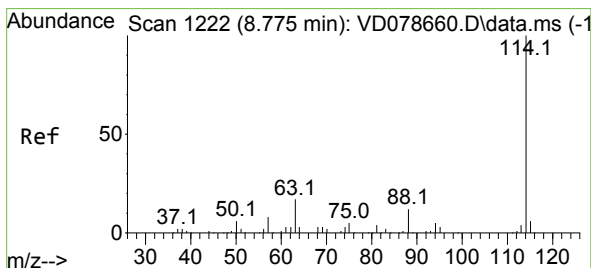
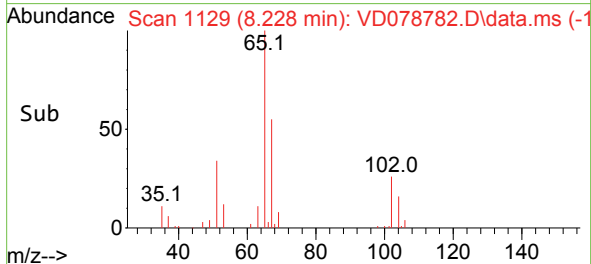
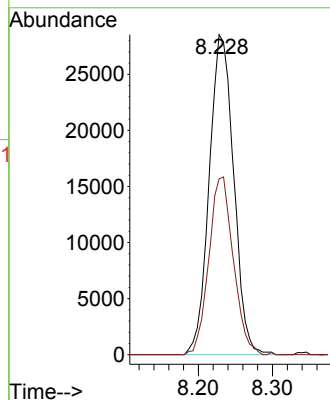
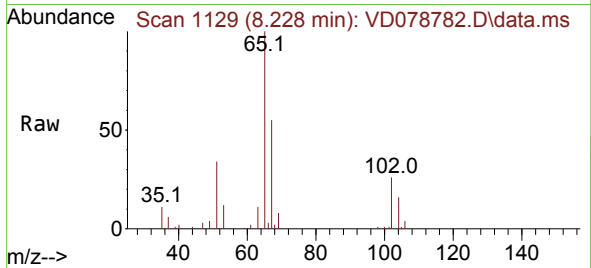
EB-04(0-2)

Tgt Ion: 65 Resp: 65466

Ion Ratio Lower Upper

65 100

67 55.5 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD078782.D

Acq: 28 Mar 2024 18:47

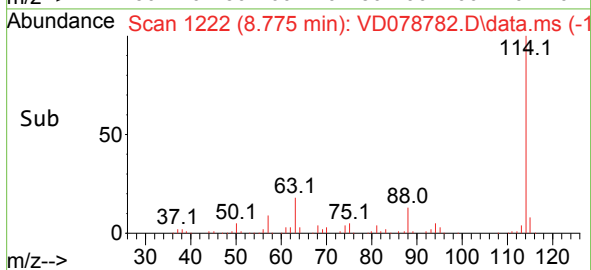
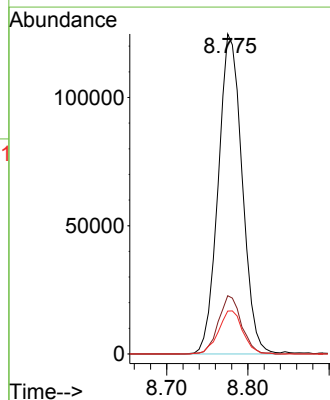
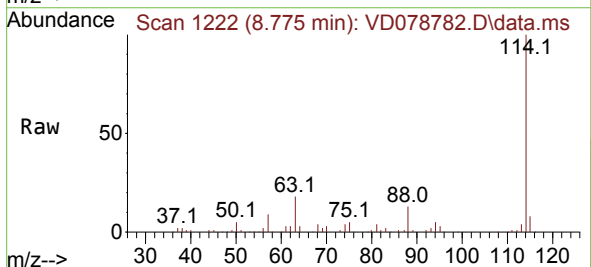
Tgt Ion: 114 Resp: 255382

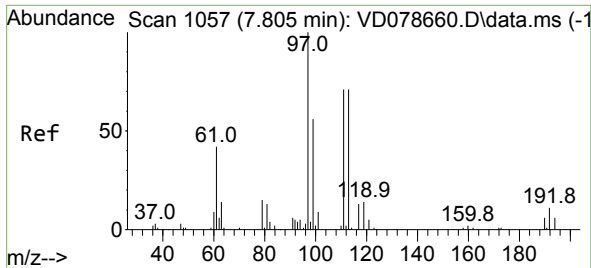
Ion Ratio Lower Upper

114 100

63 18.2 0.0 33.4

88 13.4 0.0 24.6

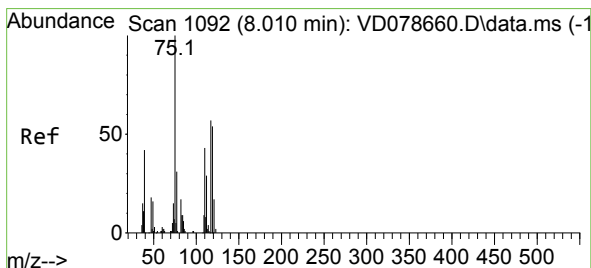
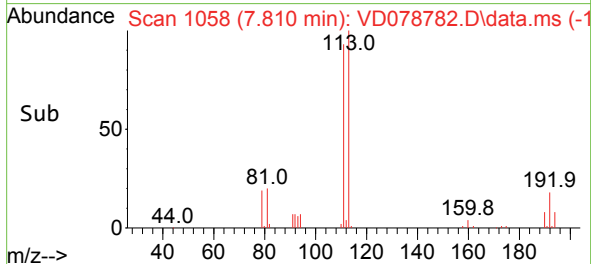
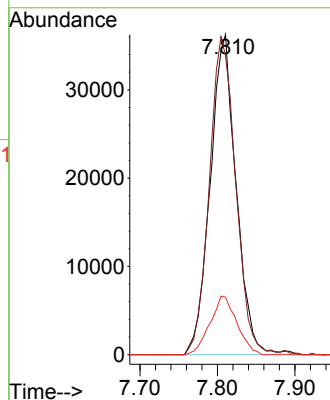
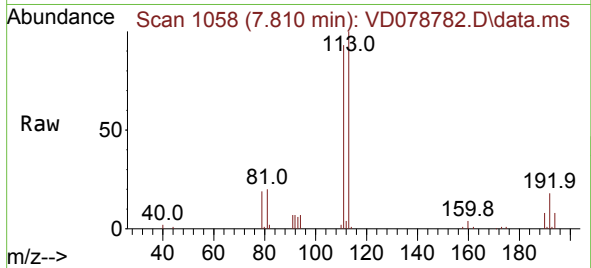


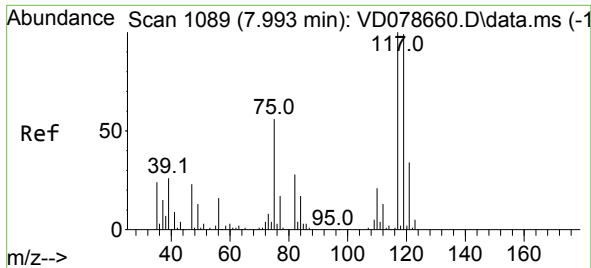


#35
Dibromofluoromethane
Concen: 51.152 ug/l
RT: 7.810 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VD078782.D
Acq: 28 Mar 2024 18:47

Instrument :
MSVOA_D
ClientSampleId :
EB-04(0-2)

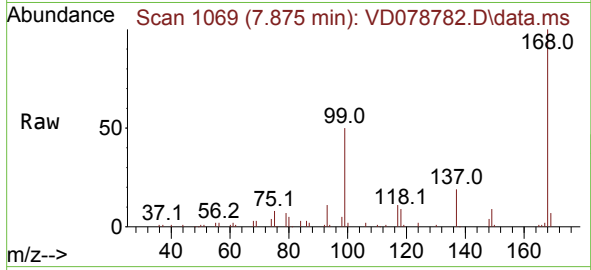
Tgt Ion:113 Resp: 84108
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 19.0 15.4 23.0



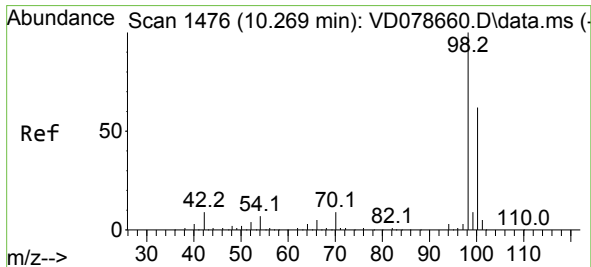
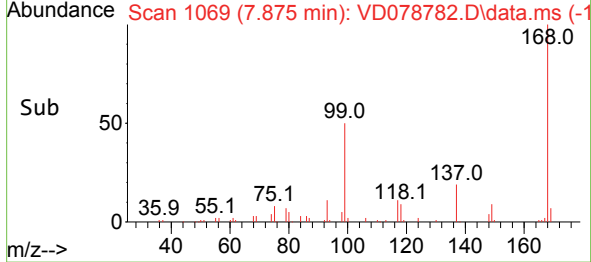
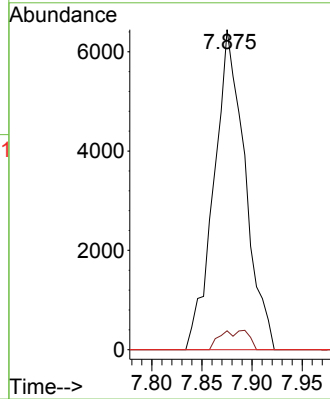


#38
Carbon Tetrachloride
Concen: 5.508 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD078782.D
Acq: 28 Mar 2024 18:47

Instrument :
MSVOA_D
ClientSampleId :
EB-04(0-2)

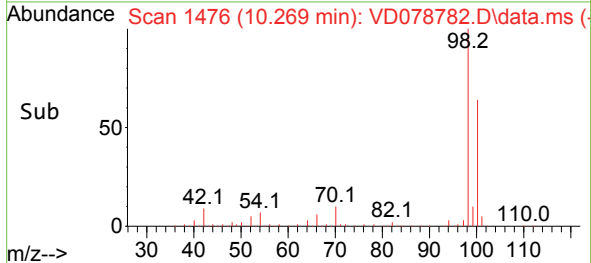
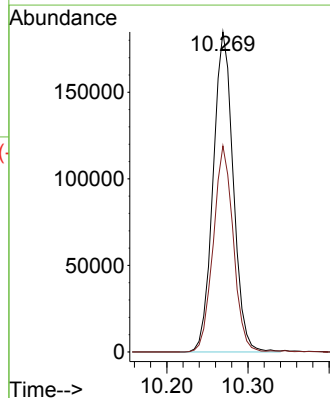
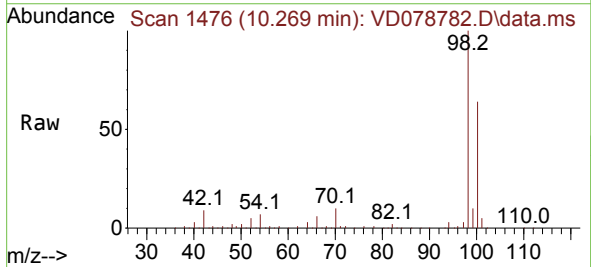


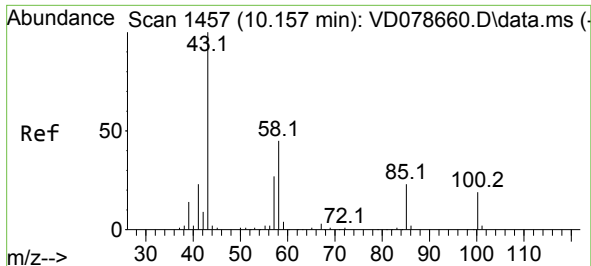
Tgt Ion:117 Resp: 13854
Ion Ratio Lower Upper
117 100
119 5.9 79.2 118.8#
121 0.0 26.8 40.2#



#50
Toluene-d8
Concen: 52.650 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078782.D
Acq: 28 Mar 2024 18:47

Tgt Ion: 98 Resp: 318380
Ion Ratio Lower Upper
98 100
100 63.8 50.5 75.7





#51

4-Methyl-2-Pentanone

Concen: 1.565 ug/l

RT: 10.275 min Scan# 1457

Delta R.T. 0.118 min

Lab File: VD078782.D

Acq: 28 Mar 2024 18:47

Instrument :

MSVOA_D

ClientSampleId :

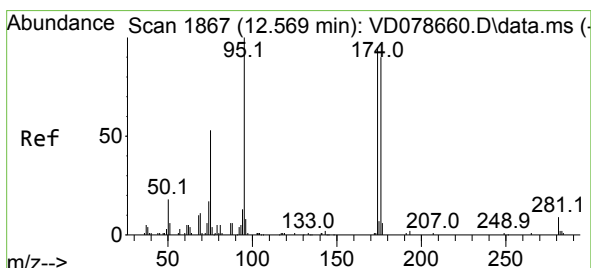
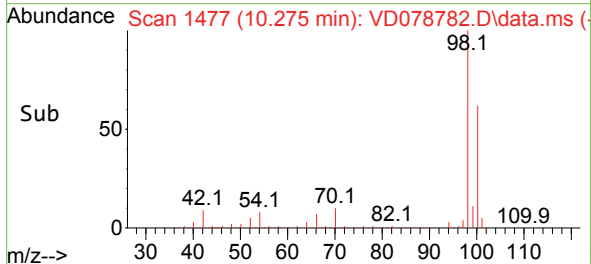
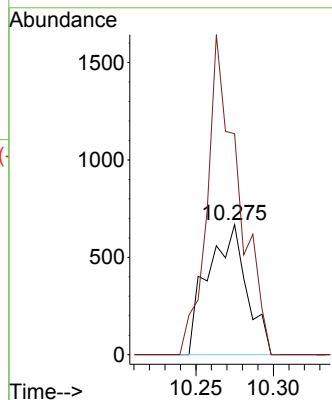
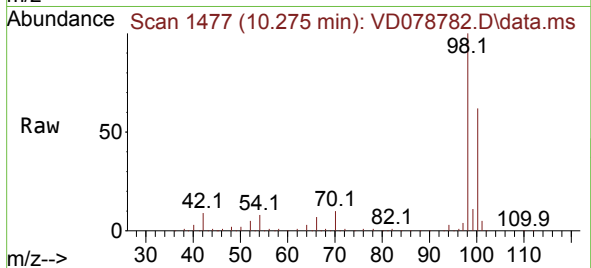
EB-04(0-2)

Tgt Ion: 43 Resp: 1160

Ion Ratio Lower Upper

43 100

58 198.4 36.4 54.6#



#62

4-Bromofluorobenzene

Concen: 41.516 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD078782.D

Acq: 28 Mar 2024 18:47

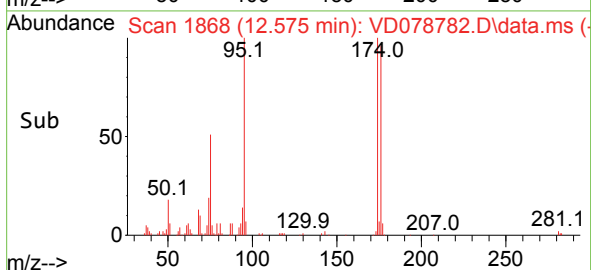
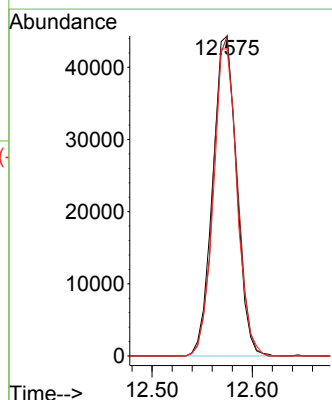
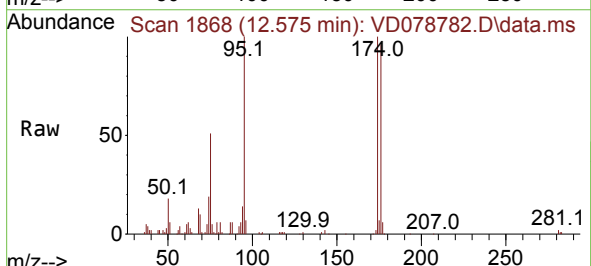
Tgt Ion: 95 Resp: 73447

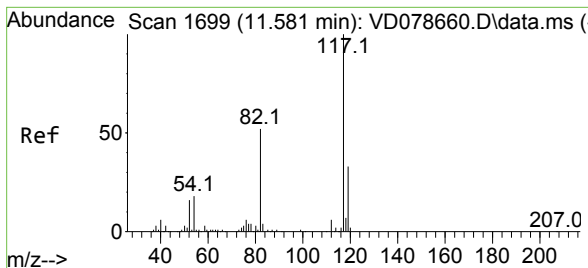
Ion Ratio Lower Upper

95 100

174 99.2 0.0 195.2

176 95.0 0.0 188.2

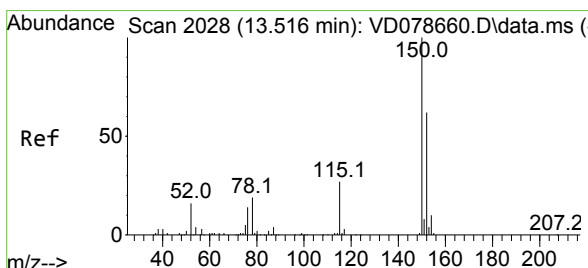
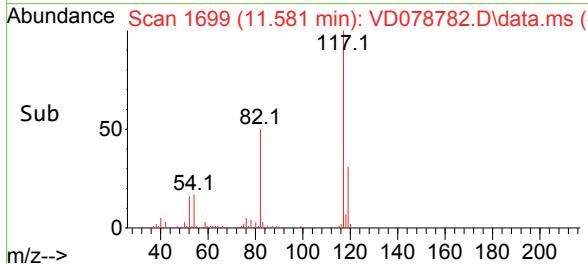
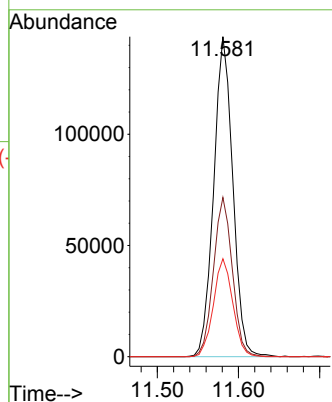
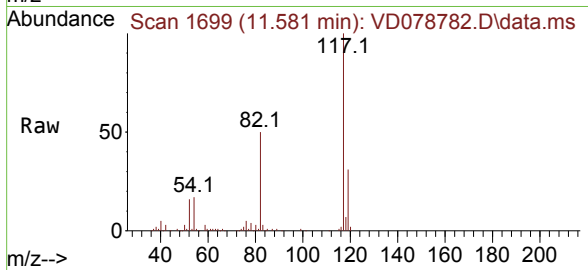




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078782.D
Acq: 28 Mar 2024 18:47

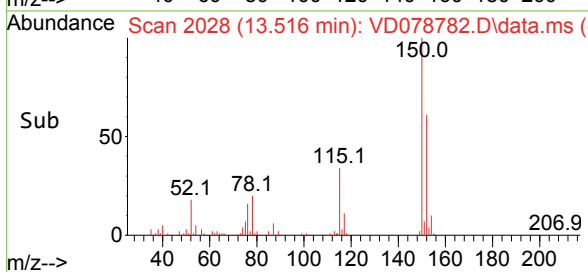
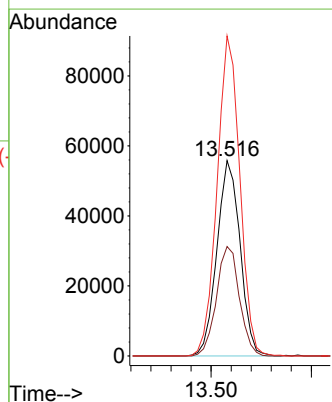
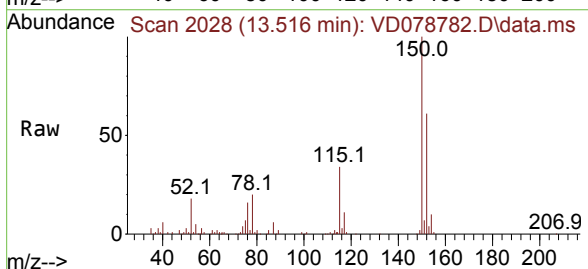
Instrument :
MSVOA_D
ClientSampleId :
EB-04(0-2)

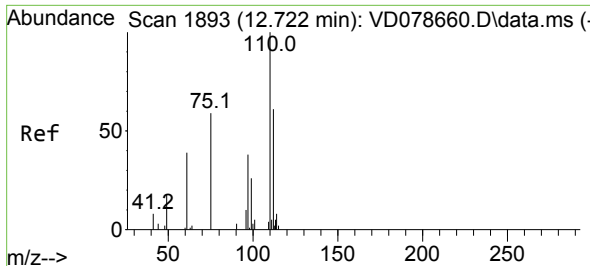
Tgt Ion:117 Resp: 235672
Ion Ratio Lower Upper
117 100
82 49.8 41.4 62.2
119 30.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078782.D
Acq: 28 Mar 2024 18:47

Tgt Ion:152 Resp: 89446
Ion Ratio Lower Upper
152 100
115 55.5 27.1 81.2
150 160.4 0.0 350.2

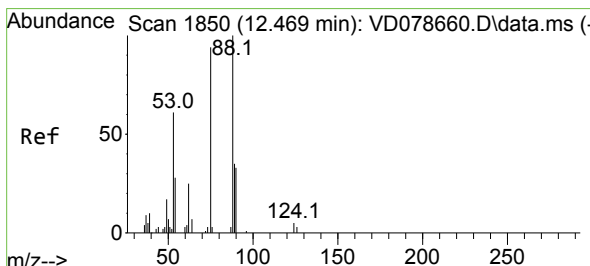
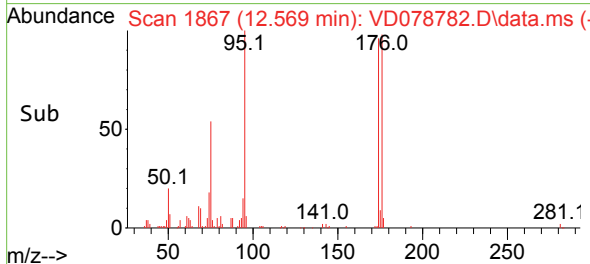
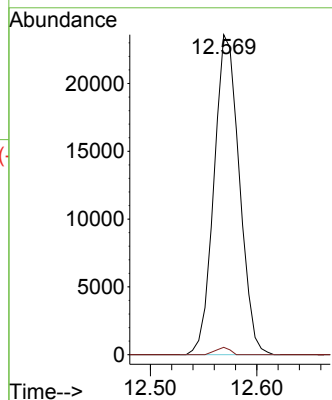
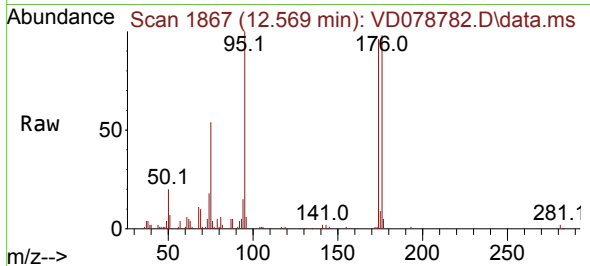




#76
1,2,3-Trichloropropane
Concen: 56.576 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD078782.D
Acq: 28 Mar 2024 18:47

Instrument :
MSVOA_D
ClientSampleId :
EB-04(0-2)

Tgt Ion: 75 Resp: 38988
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.592 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD078782.D
Acq: 28 Mar 2024 18:47

Tgt Ion: 75 Resp: 38988
Ion Ratio Lower Upper
75 100
53 0.0 61.0 91.6#
89 0.0 35.4 53.0#

