

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032724\
 Data File : VD078757.D
 Acq On : 27 Mar 2024 17:33
 Operator : RP/MD
 Sample : P1879-02
 Misc : 4.04G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB-01(2-4)

Quant Time: Mar 28 05:12:06 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)

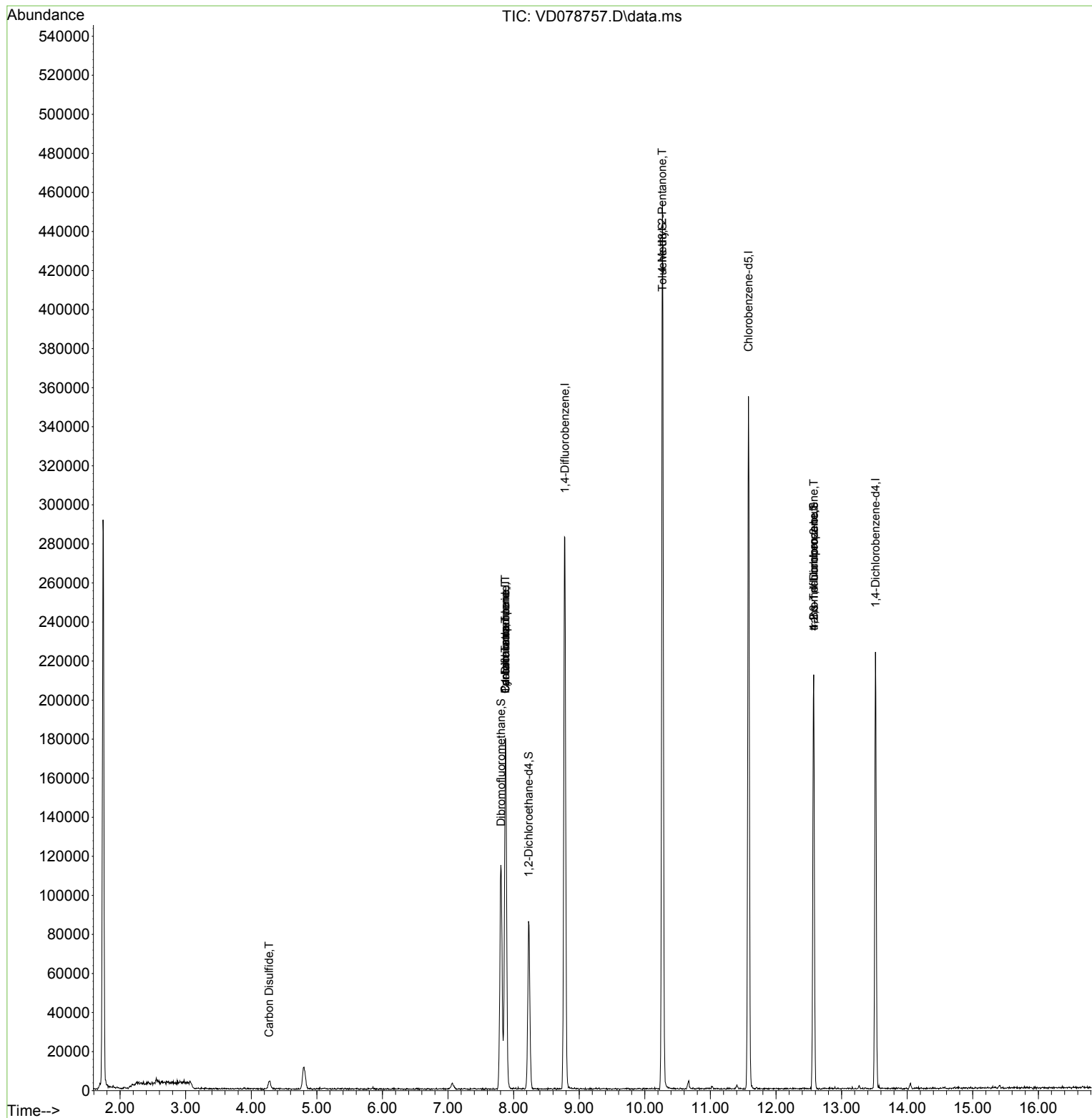
Internal Standards						
1) Pentafluorobenzene	7.875	168	142780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	265462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	217312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	62188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	63404	47.384	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.760%
35) Dibromofluoromethane	7.810	113	82864	48.482	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.960%
50) Toluene-d8	10.269	98	316492	50.350	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.700%
62) 4-Bromofluorobenzene	12.575	95	62700	34.096	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.200%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.269	76	7017	1.465	ug/l #	83
31) Cyclohexane	7.875	56	3181	1.414	ug/l #	65
36) 1,1-Dichloropropene	7.875	75	10878	4.386	ug/l #	46
38) Carbon Tetrachloride	7.875	117	14165	5.418	ug/l #	13
51) 4-Methyl-2-Pentanone	10.263	43	1153	1.497	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	31487	65.718	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	31487	137.756	ug/l #	19

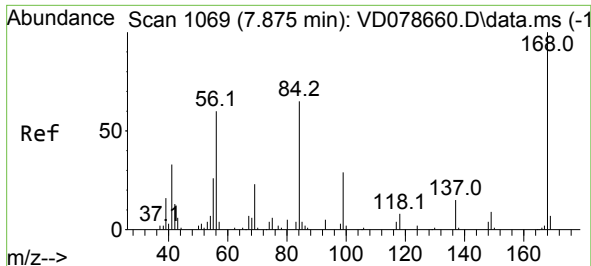
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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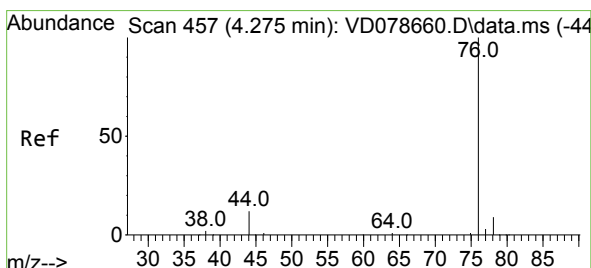
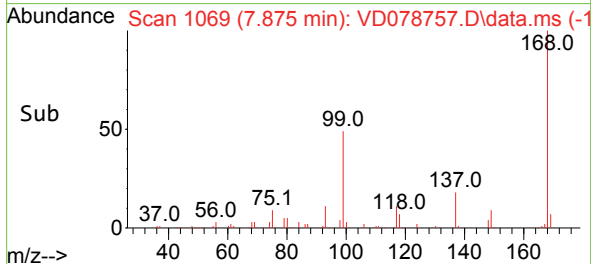
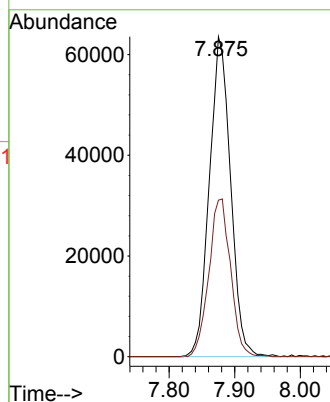
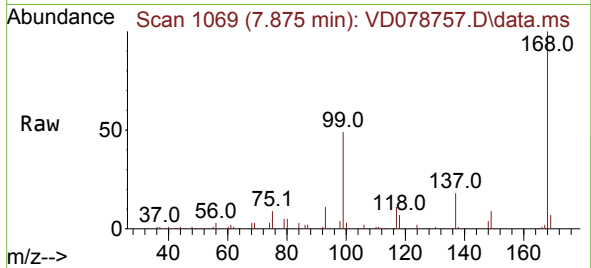




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078757.D
Acq: 27 Mar 2024 17:33

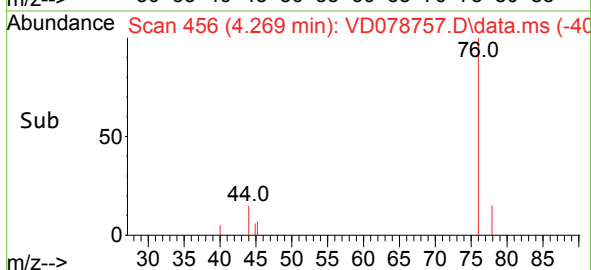
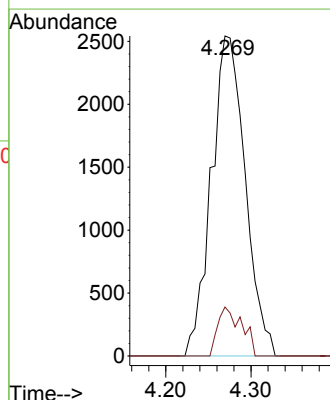
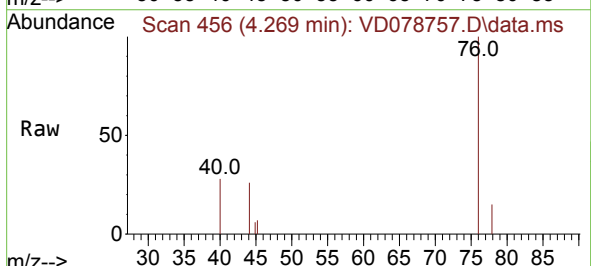
Instrument :
MSVOA_D
ClientSampleId :
EB-01(2-4)

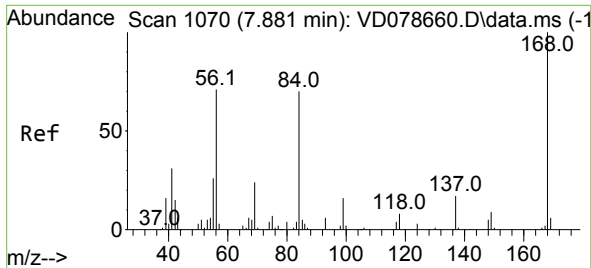
Tgt Ion:168 Resp: 142780
Ion Ratio Lower Upper
168 100
99 48.9 38.8 58.2



#17
Carbon Disulfide
Concen: 1.465 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD078757.D
Acq: 27 Mar 2024 17:33

Tgt Ion: 76 Resp: 7017
Ion Ratio Lower Upper
76 100
78 15.3 7.3 10.9#

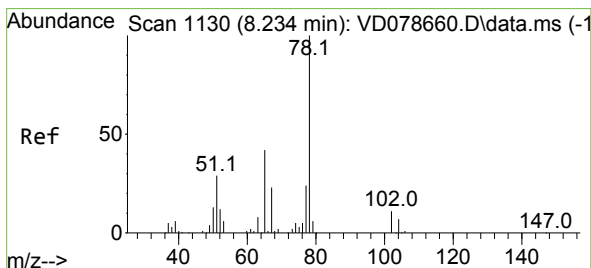
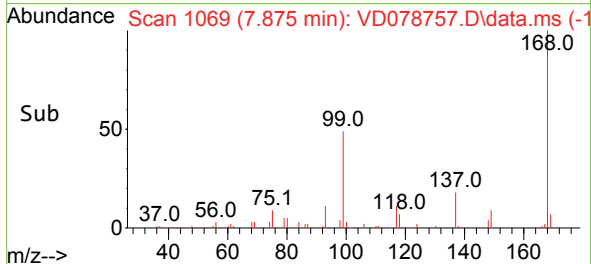
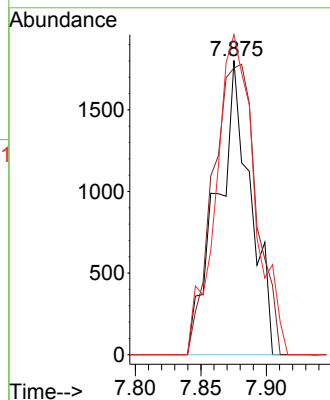
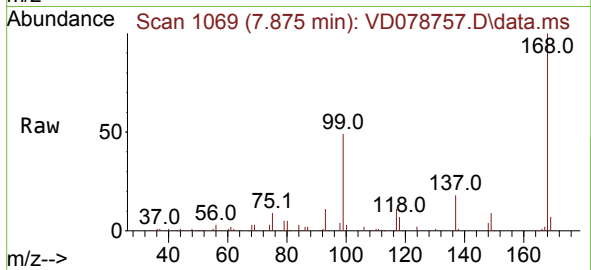




#31
Cyclohexane
Concen: 1.414 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD078757.D
Acq: 27 Mar 2024 17:33

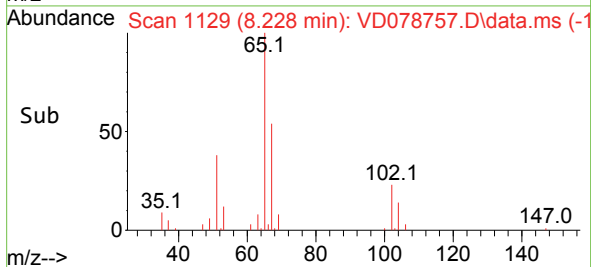
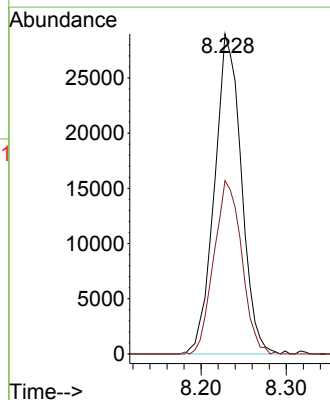
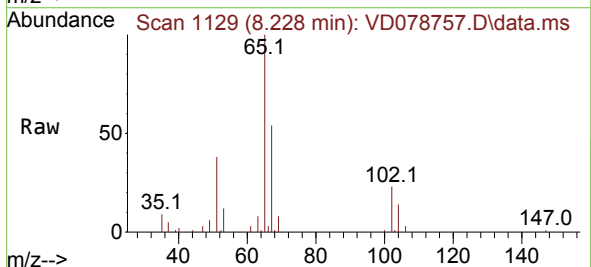
Instrument :
MSVOA_D
ClientSampleId :
EB-01(2-4)

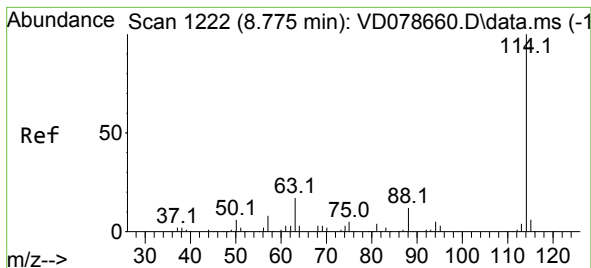
Tgt Ion: 56 Resp: 3181
Ion Ratio Lower Upper
56 100
69 97.4 26.6 40.0#
84 108.8 79.4 119.2



#33
1,2-Dichloroethane-d4
Concen: 47.384 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078757.D
Acq: 27 Mar 2024 17:33

Tgt Ion: 65 Resp: 63404
Ion Ratio Lower Upper
65 100
67 56.1 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: VD078757.D

Acq: 27 Mar 2024 17:33

Instrument :

MSVOA_D

ClientSampleId :

EB-01(2-4)

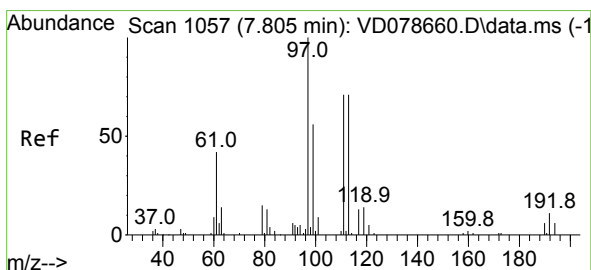
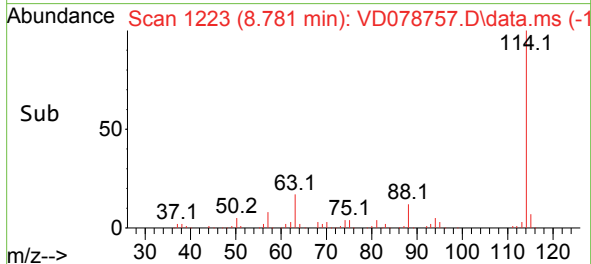
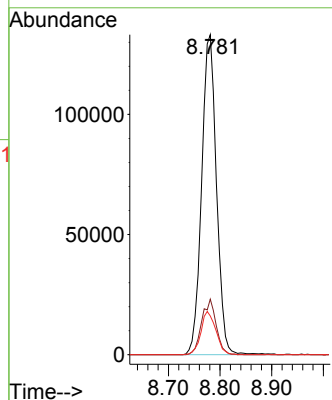
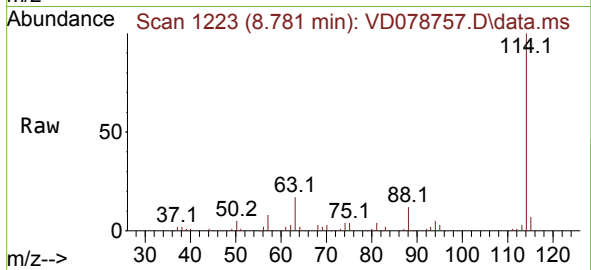
Tgt Ion:114 Resp: 265462

Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.4

88 12.1 0.0 24.6



#35

Dibromofluoromethane

Concen: 48.482 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078757.D

Acq: 27 Mar 2024 17:33

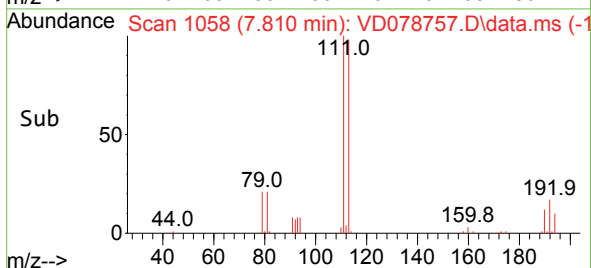
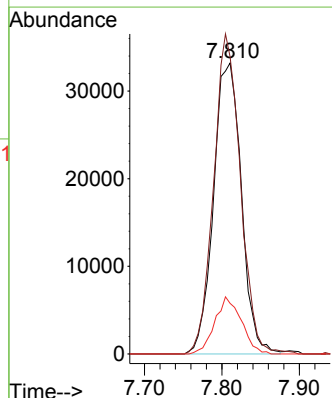
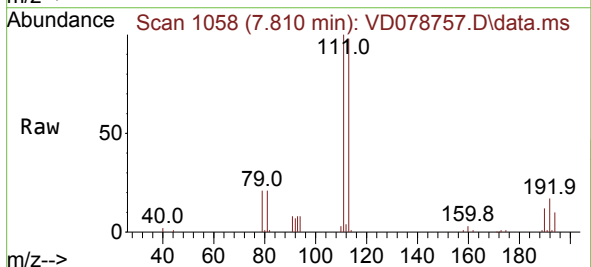
Tgt Ion:113 Resp: 82864

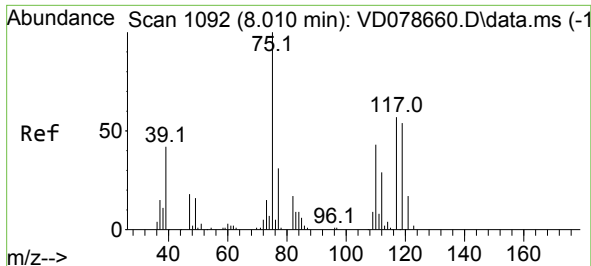
Ion Ratio Lower Upper

113 100

111 105.6 81.9 122.9

192 18.8 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.386 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD078757.D

Acq: 27 Mar 2024 17:33

Instrument :

MSVOA_D

ClientSampleId :

EB-01(2-4)

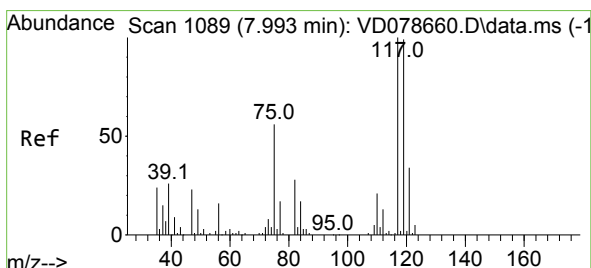
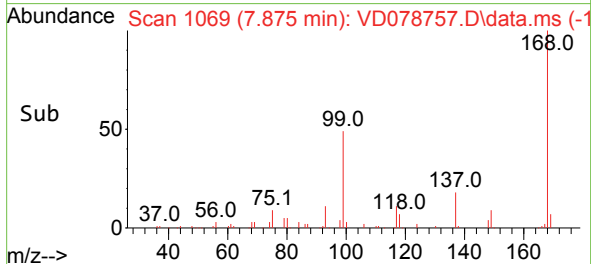
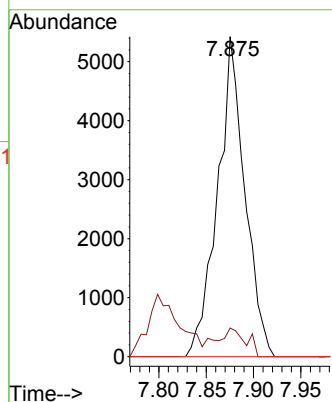
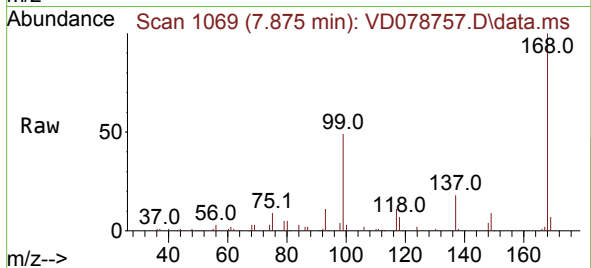
Tgt Ion: 75 Resp: 10878

Ion Ratio Lower Upper

75 100

110 6.9 19.1 57.1#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 5.418 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD078757.D

Acq: 27 Mar 2024 17:33

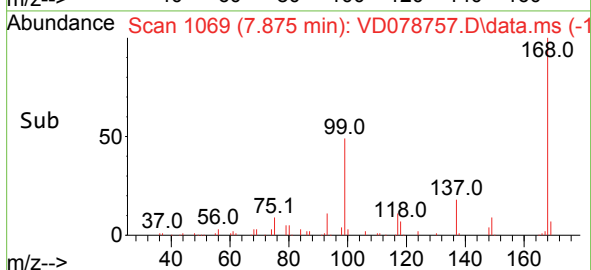
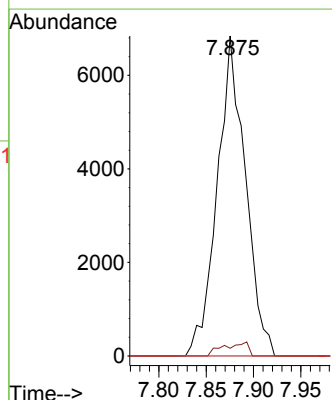
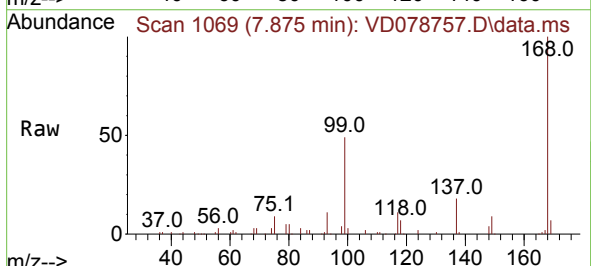
Tgt Ion: 117 Resp: 14165

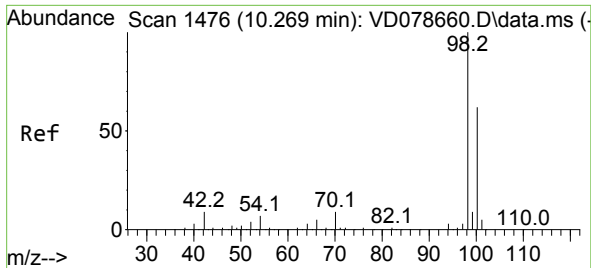
Ion Ratio Lower Upper

117 100

119 2.4 79.2 118.8#

121 0.0 26.8 40.2#

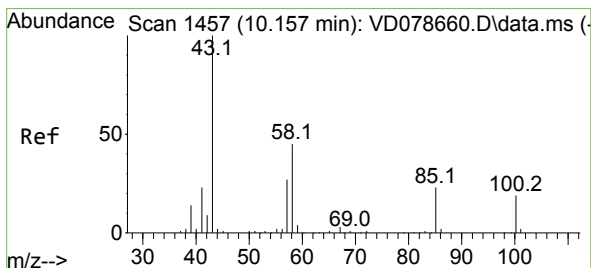
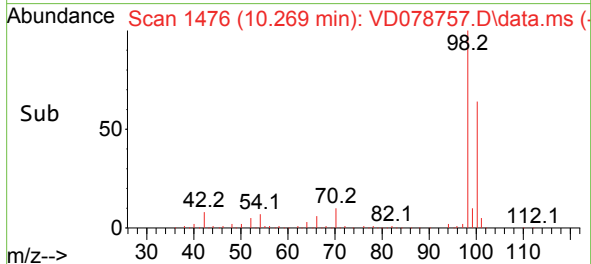
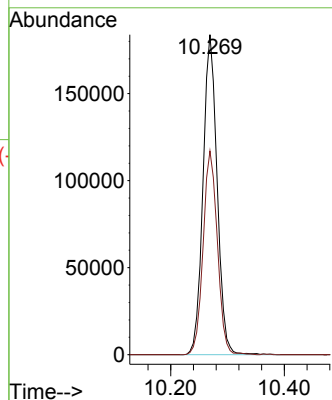
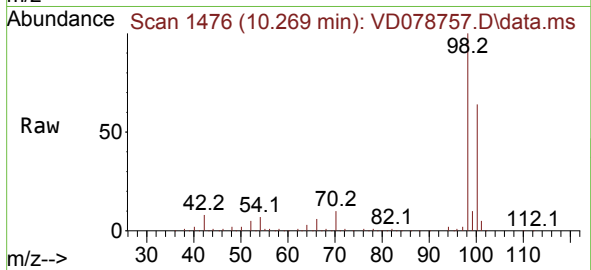




#50
Toluene-d8
Concen: 50.350 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078757.D
Acq: 27 Mar 2024 17:33

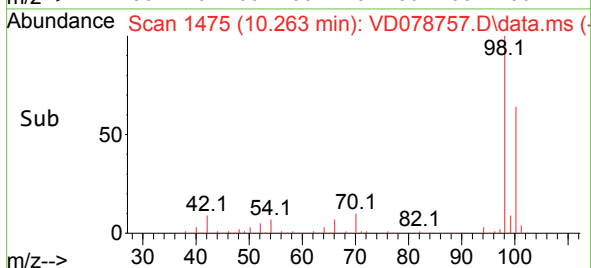
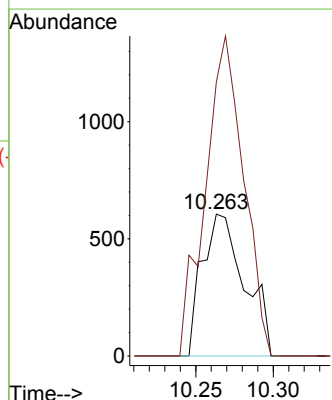
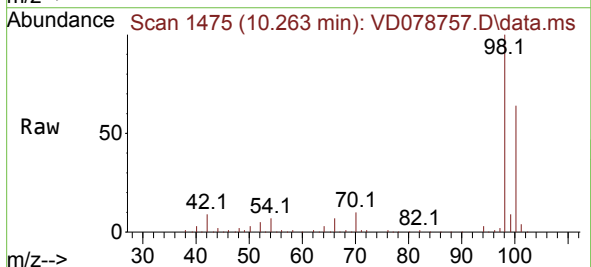
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ClientSampleId :
EB-01(2-4)

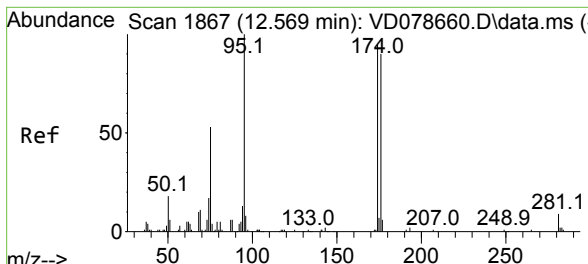
Tgt Ion: 98 Resp: 316492
Ion Ratio Lower Upper
98 100
100 64.3 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.497 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.106 min
Lab File: VD078757.D
Acq: 27 Mar 2024 17:33

Tgt Ion: 43 Resp: 1153
Ion Ratio Lower Upper
43 100
58 203.7 36.4 54.6#

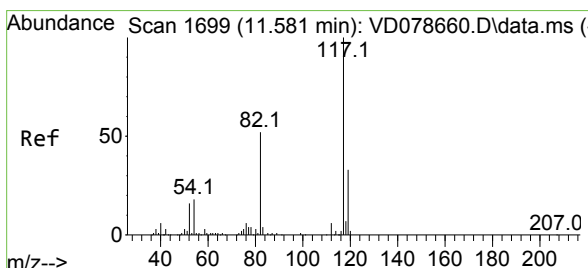
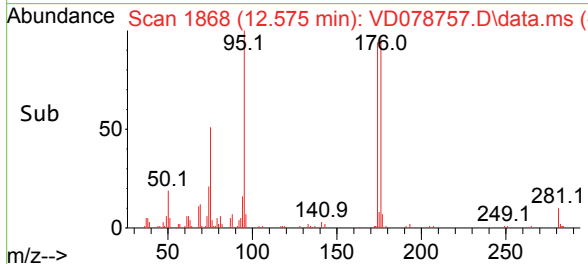
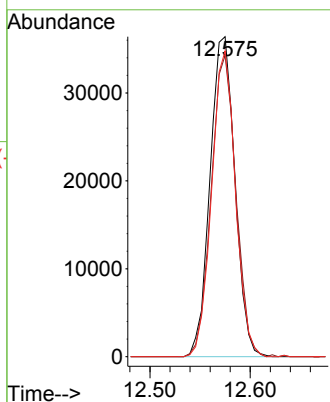
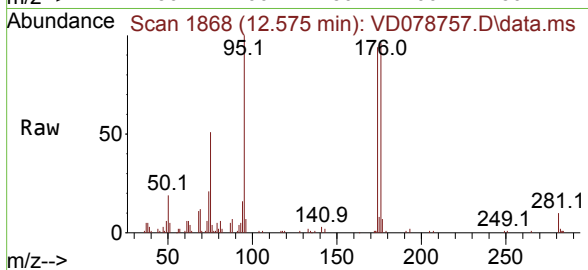




#62
 4-Bromofluorobenzene
 Concen: 34.096 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.006 min
 Lab File: VD078757.D
 Acq: 27 Mar 2024 17:33

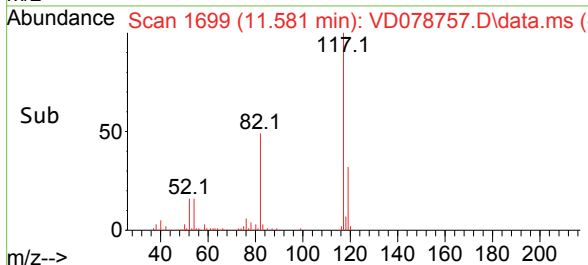
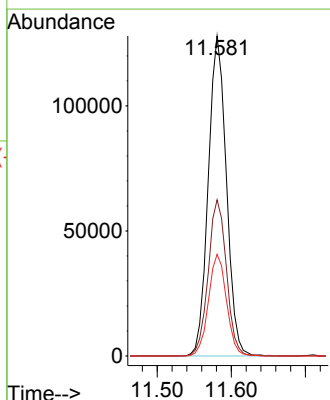
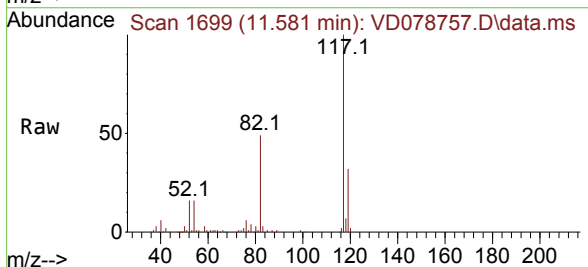
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 MSVOA_D
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 EB-01(2-4)

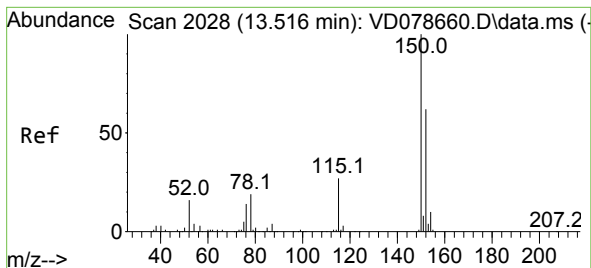
Tgt Ion:	95	Resp:	62700
Ion	Ratio	Lower	Upper
95	100		
174	93.2	0.0	195.2
176	91.3	0.0	188.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1699
 Delta R.T. 0.000 min
 Lab File: VD078757.D
 Acq: 27 Mar 2024 17:33

Tgt Ion:	117	Resp:	217312
Ion	Ratio	Lower	Upper
117	100		
82	48.8	41.4	62.2
119	31.8	26.5	39.7

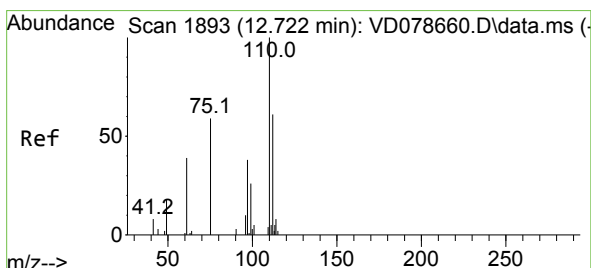
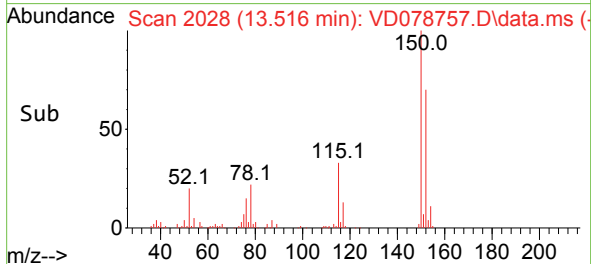
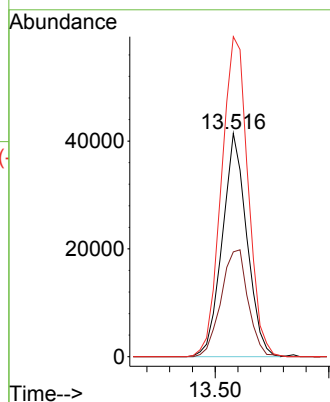
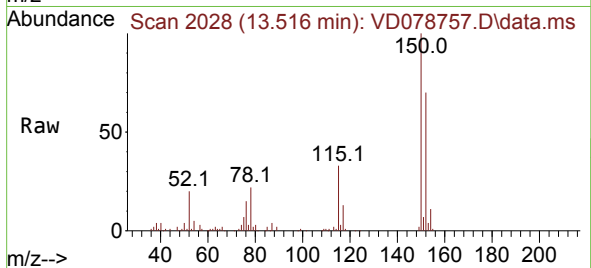




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD078757.D
Acq: 27 Mar 2024 17:33

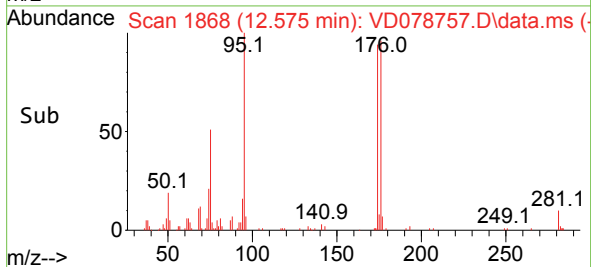
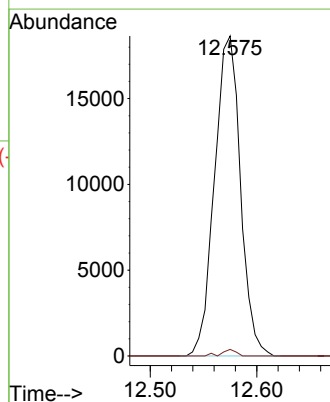
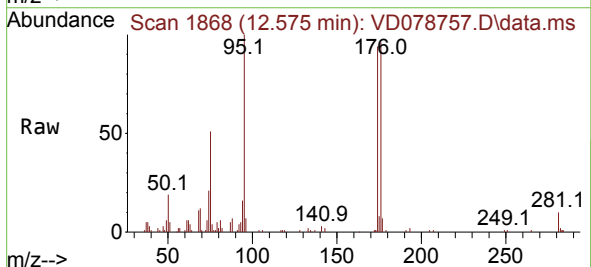
Instrument :
MSVOA_D
ClientSampleId :
EB-01(2-4)

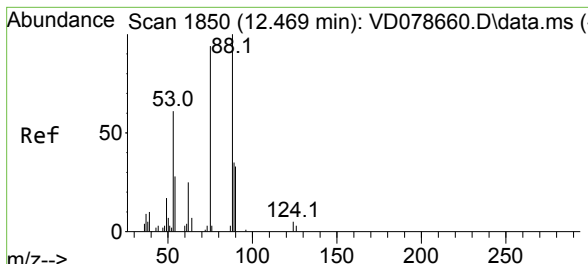
Tgt Ion:152 Resp: 62188
Ion Ratio Lower Upper
152 100
115 52.7 27.1 81.2
150 155.1 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 65.718 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078757.D
Acq: 27 Mar 2024 17:33

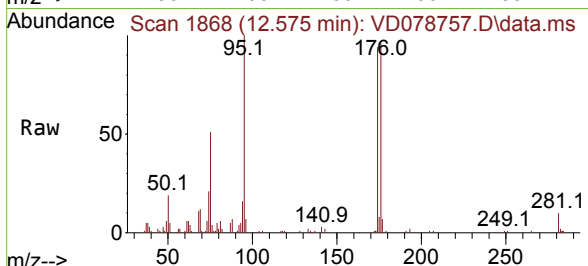
Tgt Ion: 75 Resp: 31487
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.756 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD078757.D
 Acq: 27 Mar 2024 17:33

Instrument :
 MSVOA_D
 ClientSampleId :
 EB-01(2-4)



Tgt Ion:	75	Resp:	31487
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.0	35.4	53.0#

