

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032824\
 Data File : VD078783.D
 Acq On : 28 Mar 2024 19:14
 Operator : RP/MD
 Sample : P1879-08
 Misc : 3.97G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB-04(2-4)

Quant Time: Mar 29 01:38:09 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)

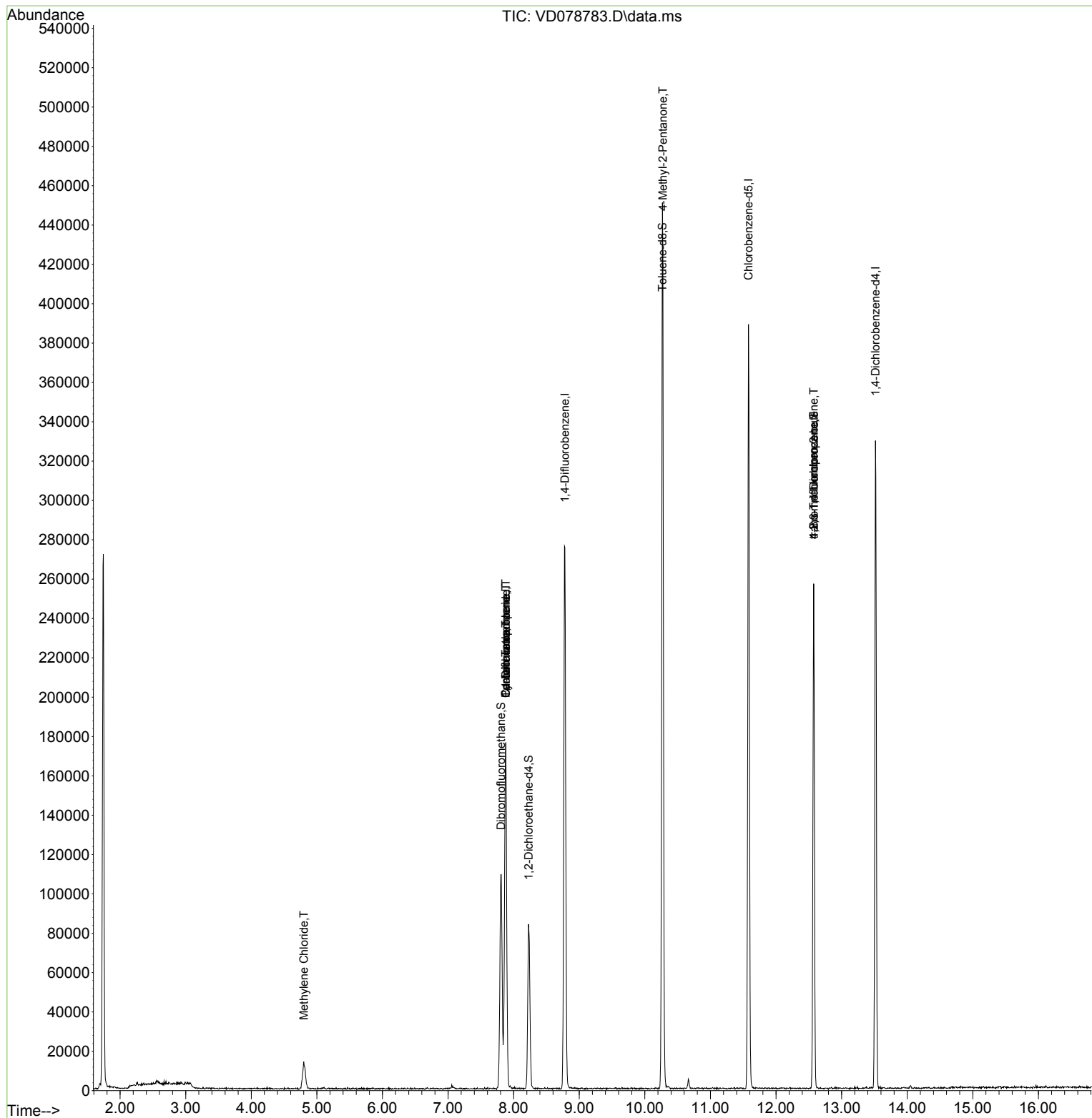
Internal Standards						
1) Pentafluorobenzene	7.881	168	139821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	262509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	233478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	89853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	66224	50.539	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.080%	
35) Dibromofluoromethane	7.810	113	81012	47.932	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.860%	
50) Toluene-d8	10.269	98	318712	51.274	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.540%	
62) 4-Bromofluorobenzene	12.575	95	73713	40.535	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.080%	
Target Compounds						Qvalue
20) Methylene Chloride	4.804	84	10732	1.486	ug/l	94
31) Cyclohexane	7.881	56	2847	1.293	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	11072	4.515	ug/l #	47
38) Carbon Tetrachloride	7.881	117	13667	5.286	ug/l #	11
51) 4-Methyl-2-Pentanone	10.275	43	930	1.221	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	38621	55.790	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	38621	116.944	ug/l #	19

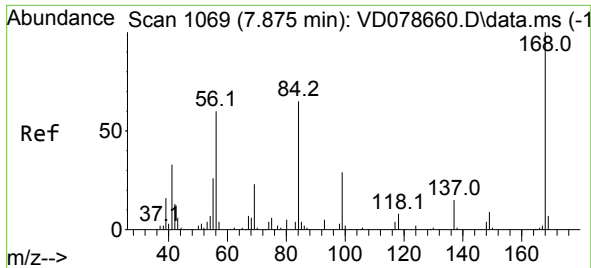
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032824\
Data File : VD078783.D
Acq On : 28 Mar 2024 19:14
Operator : RP/MD
Sample : P1879-08
Misc : 3.97G/5ml/MSVOA_D/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EB-04(2-4)

Quant Time: Mar 29 01:38:09 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

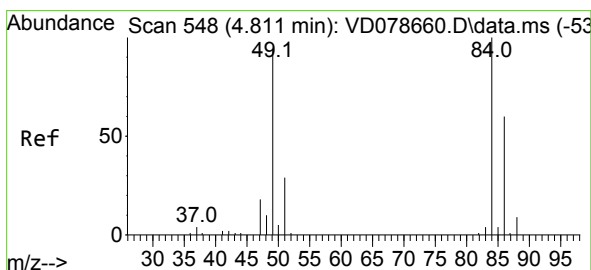
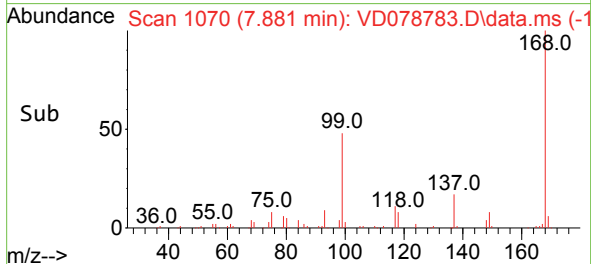
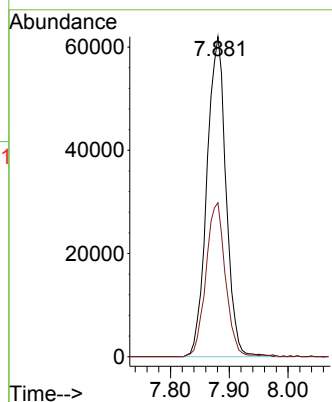
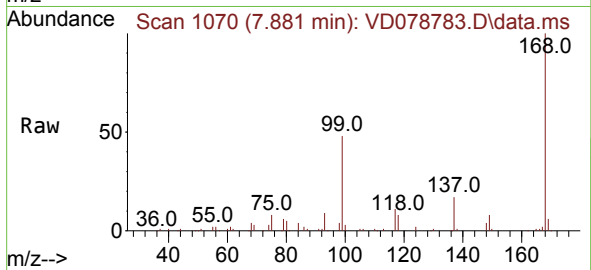




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078783.D
Acq: 28 Mar 2024 19:14

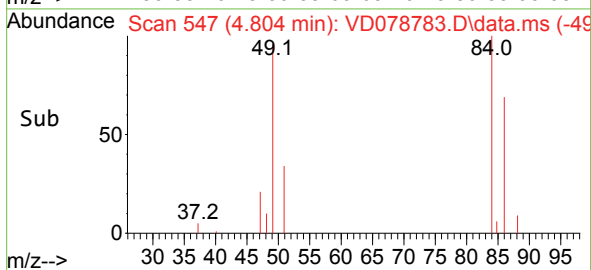
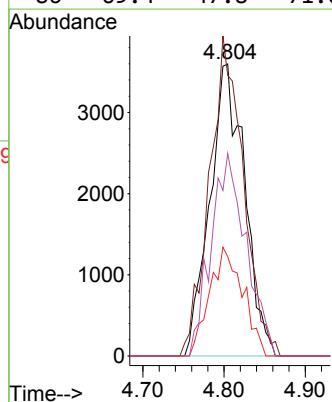
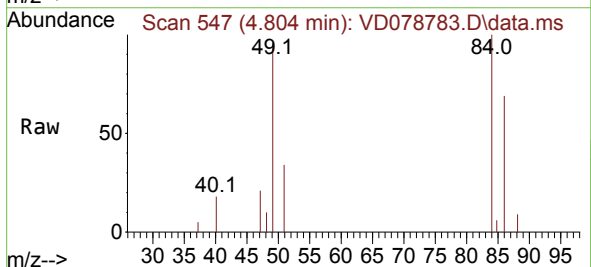
Instrument :
MSVOA_D
ClientSampleId :
EB-04(2-4)

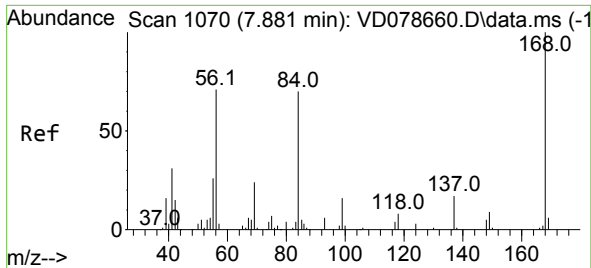
Tgt Ion:168 Resp: 139821
Ion Ratio Lower Upper
168 100
99 48.1 38.8 58.2



#20
Methylene Chloride
Concen: 1.486 ug/l
RT: 4.804 min Scan# 547
Delta R.T. -0.007 min
Lab File: VD078783.D
Acq: 28 Mar 2024 19:14

Tgt Ion: 84 Resp: 10732
Ion Ratio Lower Upper
84 100
49 96.1 75.6 113.4
51 34.0 23.4 35.0
86 69.4 47.8 71.6

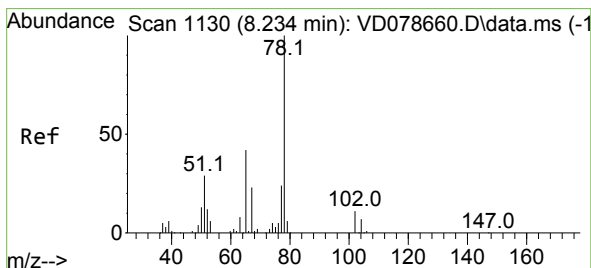
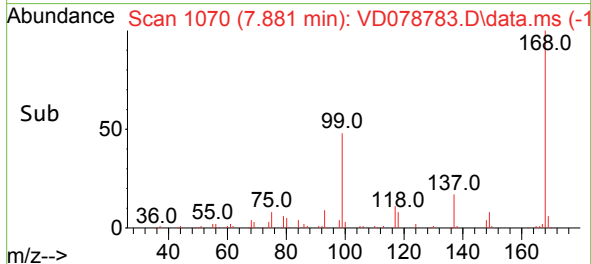
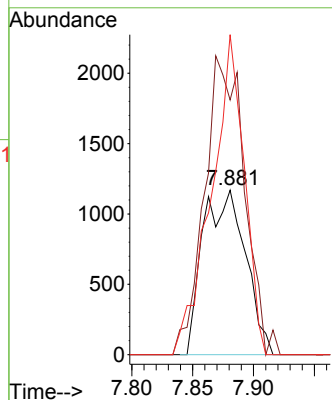
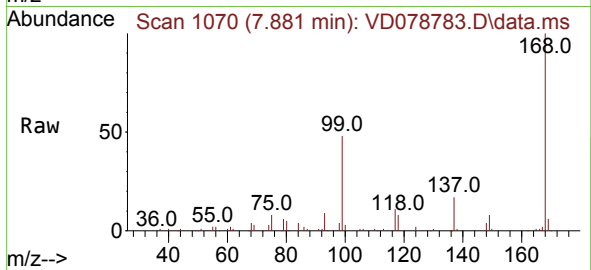




#31
Cyclohexane
Concen: 1.293 ug/l
RT: 7.881 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD078783.D
Acq: 28 Mar 2024 19:14

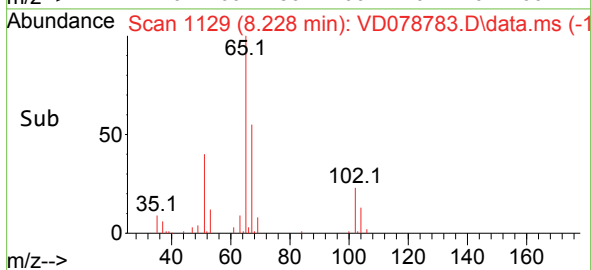
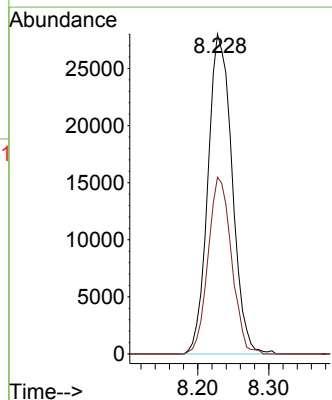
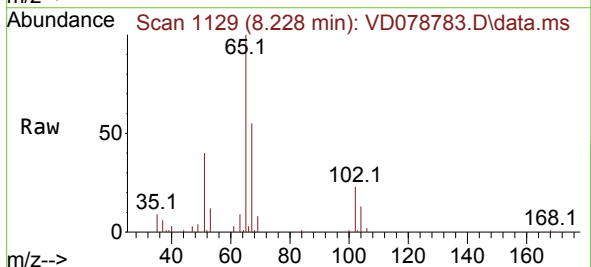
Instrument :
MSVOA_D
ClientSampleId :
EB-04(2-4)

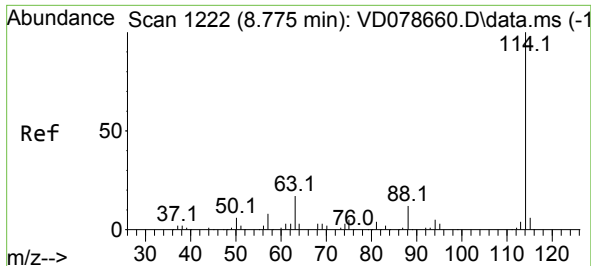
Tgt Ion: 56 Resp: 2847
Ion Ratio Lower Upper
56 100
69 154.8 26.6 40.0#
84 194.5 79.4 119.2#



#33
1,2-Dichloroethane-d4
Concen: 50.539 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078783.D
Acq: 28 Mar 2024 19:14

Tgt Ion: 65 Resp: 66224
Ion Ratio Lower Upper
65 100
67 53.6 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: VD078783.D

Acq: 28 Mar 2024 19:14

Instrument :

MSVOA_D

ClientSampleId :

EB-04(2-4)

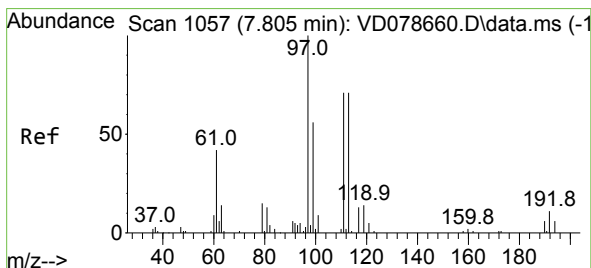
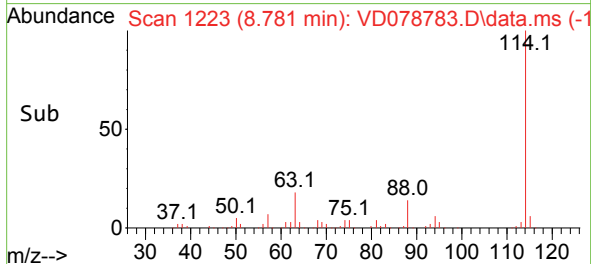
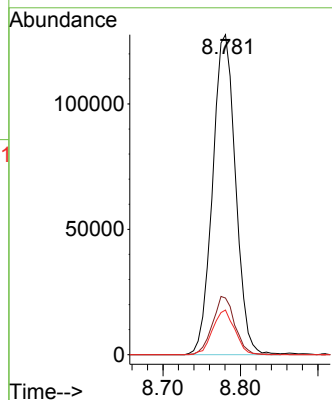
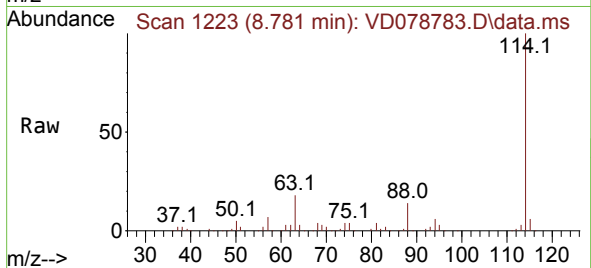
Tgt Ion:114 Resp: 262509

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 14.0 0.0 24.6



#35

Dibromofluoromethane

Concen: 47.932 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078783.D

Acq: 28 Mar 2024 19:14

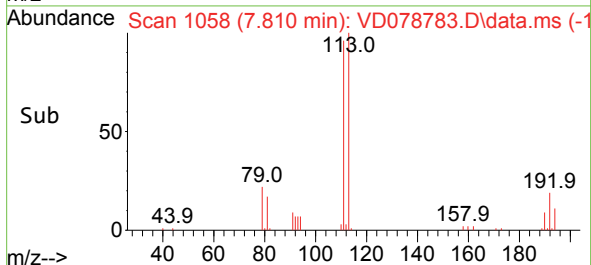
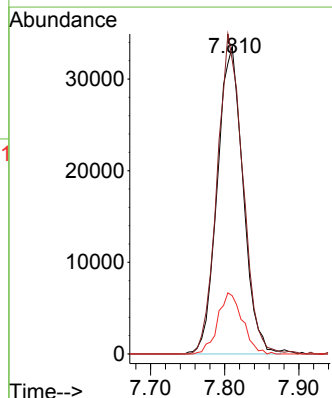
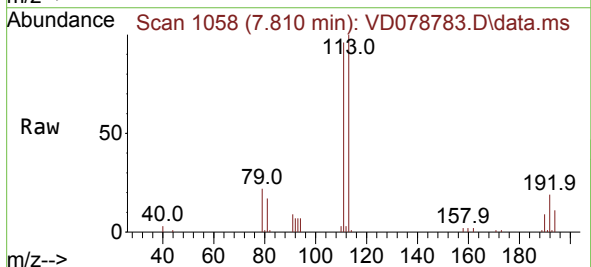
Tgt Ion:113 Resp: 81012

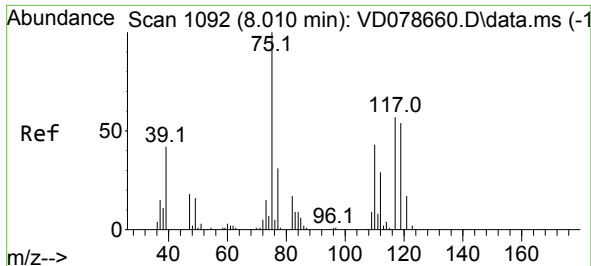
Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

192 19.1 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.515 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.130 min

Lab File: VD078783.D

Acq: 28 Mar 2024 19:14

Instrument :

MSVOA_D

ClientSampleId :

EB-04(2-4)

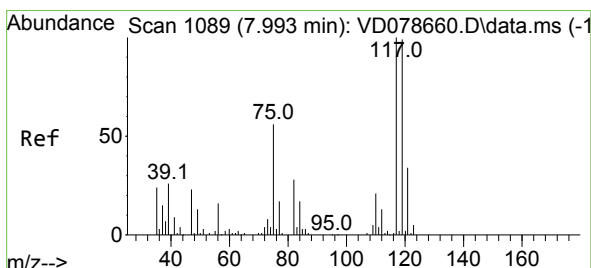
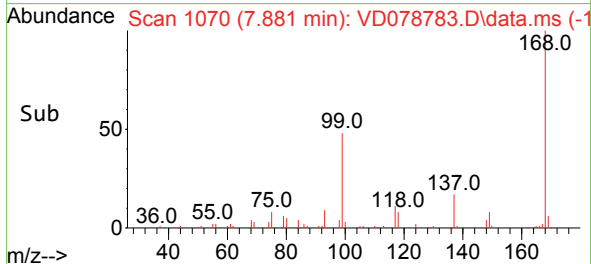
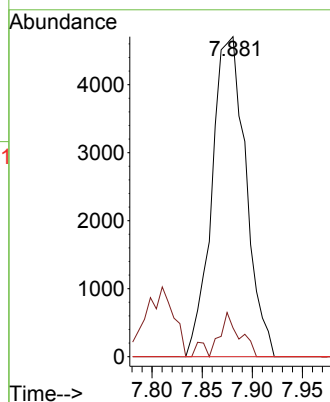
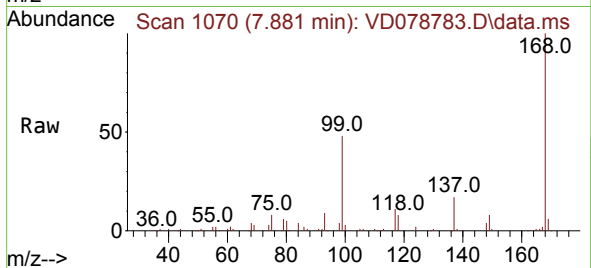
Tgt Ion: 75 Resp: 11072

Ion Ratio Lower Upper

75 100

110 7.8 19.1 57.1#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 5.286 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.112 min

Lab File: VD078783.D

Acq: 28 Mar 2024 19:14

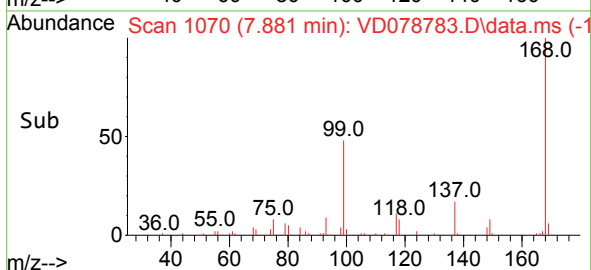
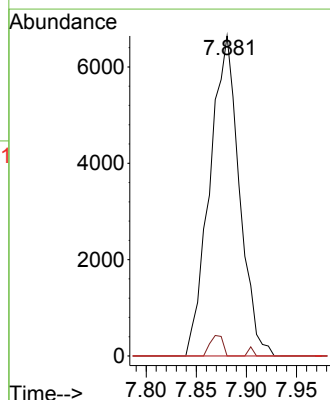
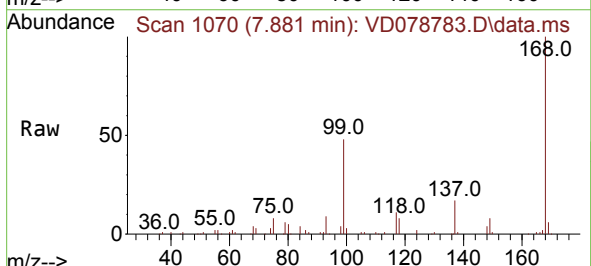
Tgt Ion: 117 Resp: 13667

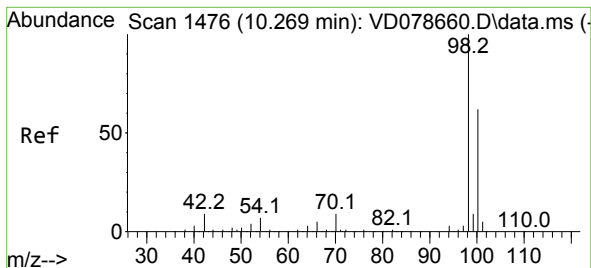
Ion Ratio Lower Upper

117 100

119 0.0 79.2 118.8#

121 0.0 26.8 40.2#





#50

Toluene-d8

Concen: 51.274 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078783.D

Acq: 28 Mar 2024 19:14

Instrument :

MSVOA_D

ClientSampleId :

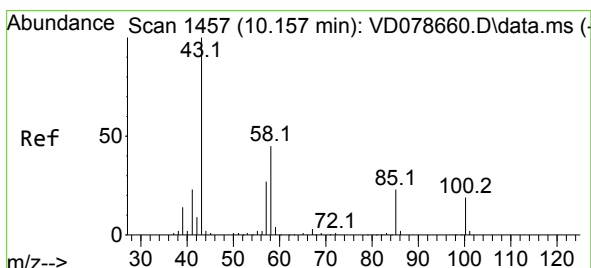
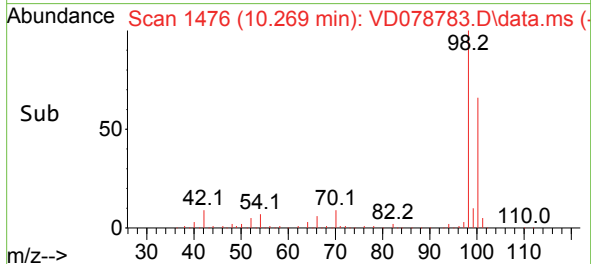
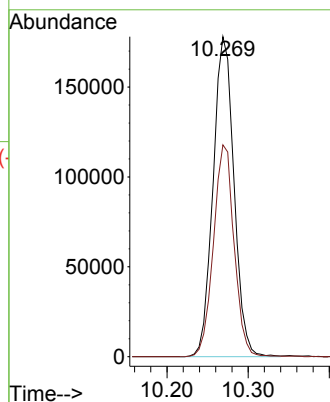
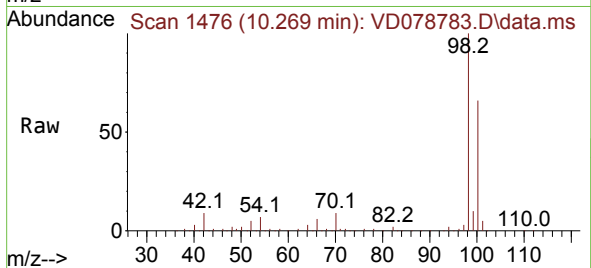
EB-04(2-4)

Tgt Ion: 98 Resp: 318712

Ion Ratio Lower Upper

98 100

100 65.3 50.5 75.7



#51

4-Methyl-2-Pentanone

Concen: 1.221 ug/l

RT: 10.275 min Scan# 1477

Delta R.T. 0.117 min

Lab File: VD078783.D

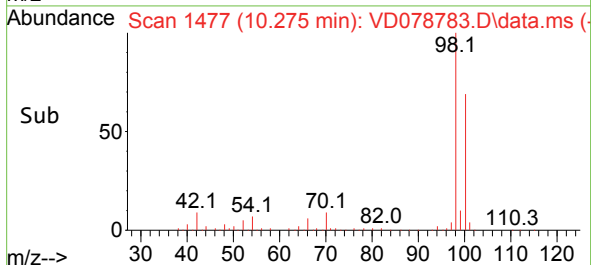
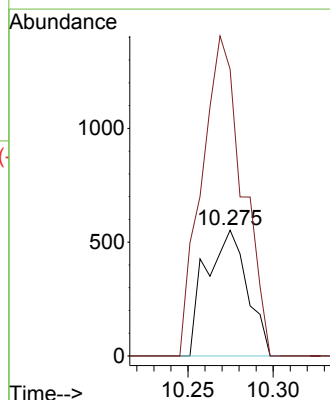
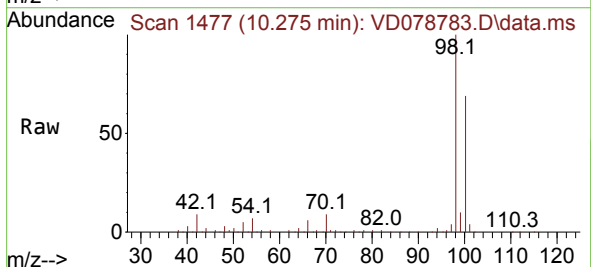
Acq: 28 Mar 2024 19:14

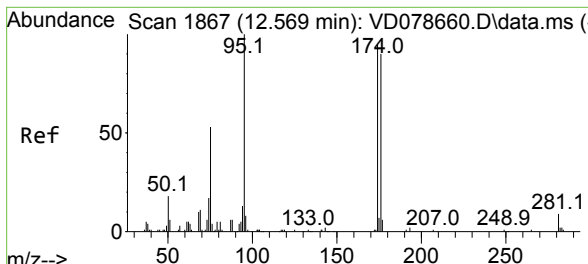
Tgt Ion: 43 Resp: 930

Ion Ratio Lower Upper

43 100

58 252.7 36.4 54.6#

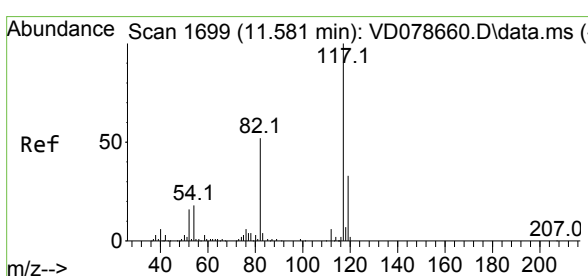
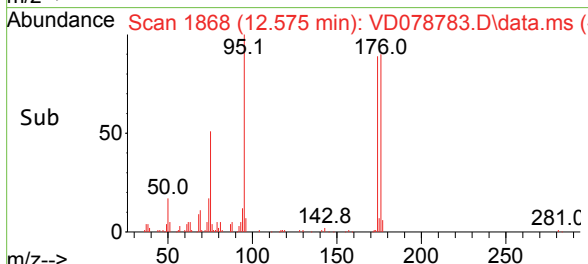
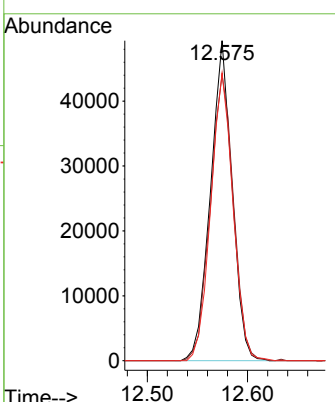
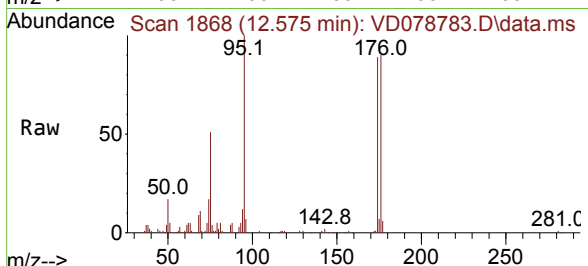




#62
 4-Bromofluorobenzene
 Concen: 40.535 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.006 min
 Lab File: VD078783.D
 Acq: 28 Mar 2024 19:14

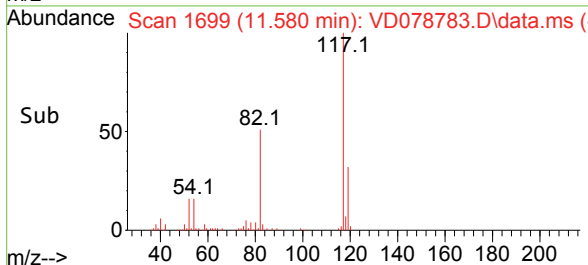
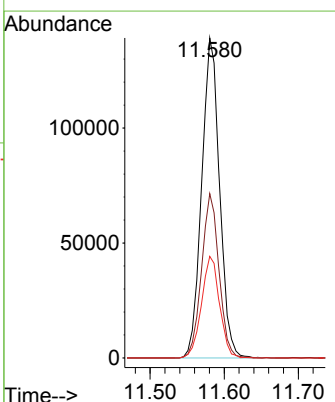
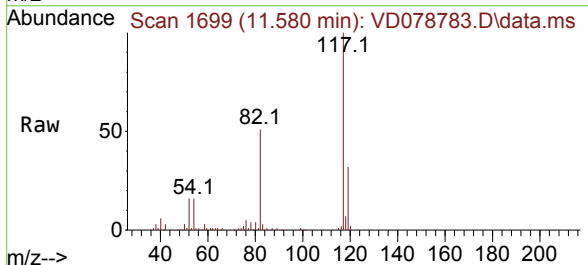
Instrument :
 MSVOA_D
 ClientSampleId :
 EB-04(2-4)

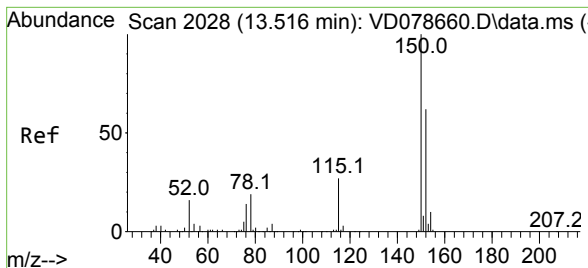
Tgt Ion:	95	Resp:	73713
Ion Ratio	Lower	Upper	
95	100		
174	96.2	0.0	195.2
176	92.5	0.0	188.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.580 min Scan# 1699
 Delta R.T. -0.000 min
 Lab File: VD078783.D
 Acq: 28 Mar 2024 19:14

Tgt Ion:	117	Resp:	233478
Ion Ratio	Lower	Upper	
117	100		
82	51.3	41.4	62.2
119	31.7	26.5	39.7

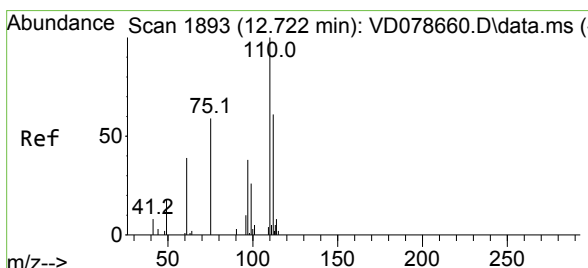
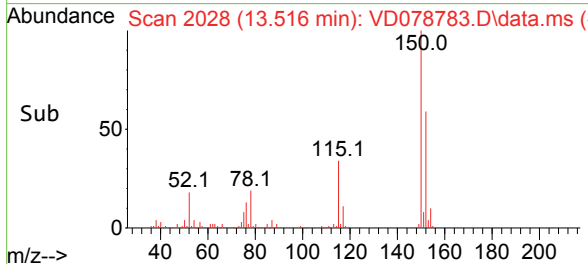
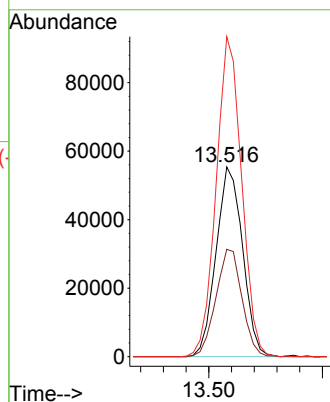
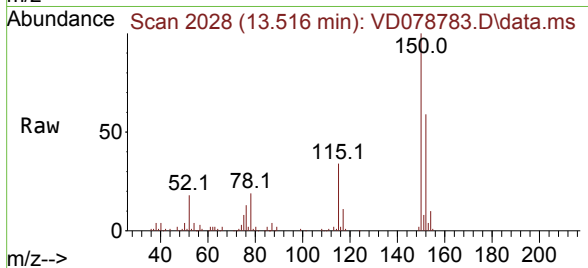




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. -0.000 min
 Lab File: VD078783.D
 Acq: 28 Mar 2024 19:14

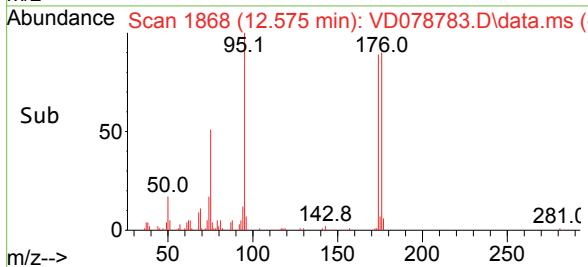
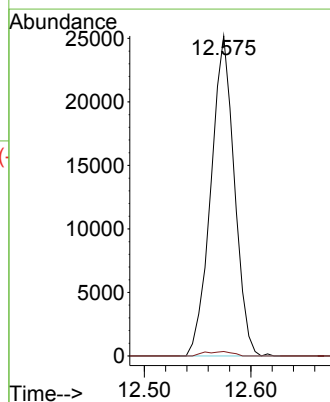
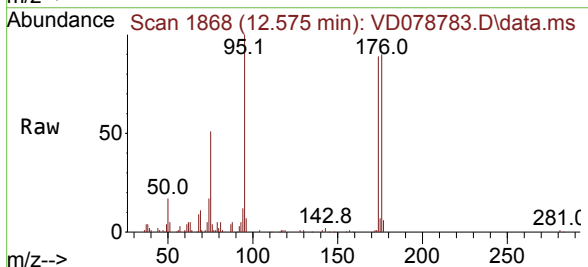
Instrument :
 MSVOA_D
 ClientSampleId :
 EB-04(2-4)

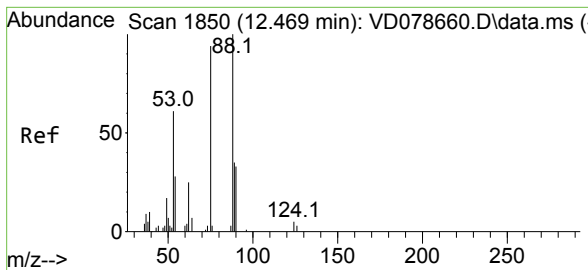
Tgt Ion:152 Resp: 89853
 Ion Ratio Lower Upper
 152 100
 115 55.7 27.1 81.2
 150 162.0 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 55.790 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078783.D
 Acq: 28 Mar 2024 19:14

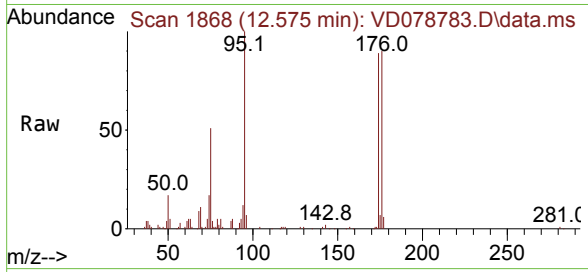
Tgt Ion: 75 Resp: 38621
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.944 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD078783.D
 Acq: 28 Mar 2024 19:14

Instrument :
 MSVOA_D
 ClientSampleId :
 EB-04(2-4)



Tgt Ion:	75	Resp:	38621
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.0	35.4	53.0#

