

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
 Data File : VD078694.D
 Acq On : 18 Mar 2024 14:02
 Operator : RP/MD
 Sample : P1746-19RE
 Misc : 5.07G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-0-2.0RE

Quant Time: Mar 19 01:26:38 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)

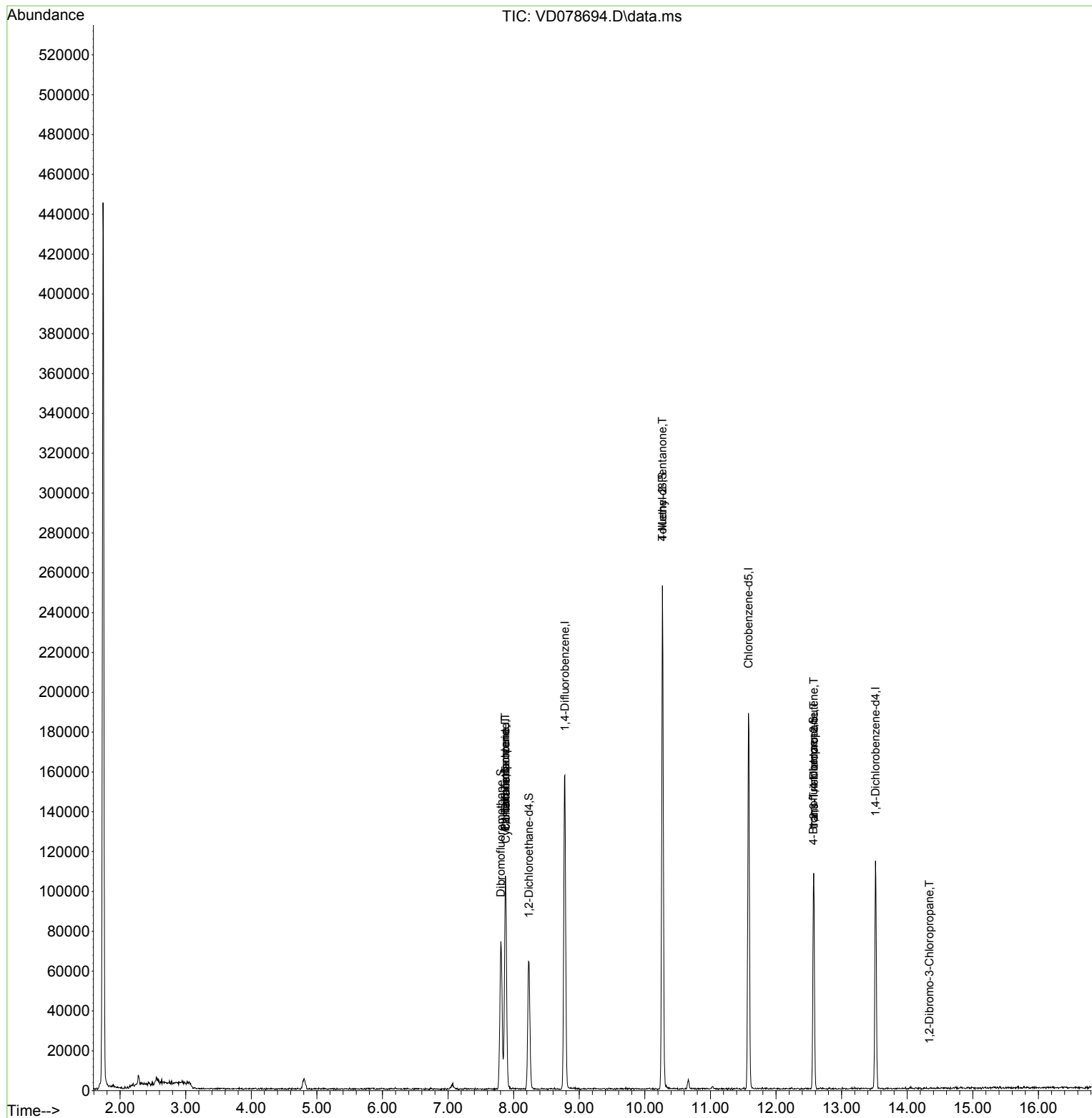
Internal Standards						
1) Pentafluorobenzene	7.875	168	84401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	146911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	114701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	31762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	52106	65.876	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.760%
35) Dibromofluoromethane	7.804	113	54162	57.261	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.520%
50) Toluene-d8	10.269	98	172521	49.594	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.180%
62) 4-Bromofluorobenzene	12.569	95	32719	32.150	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	64.300%
Target Compounds						
20) Methylene Chloride	4.805	84	4242	Below Cal	#	90
31) Cyclohexane	7.881	56	1675	1.260	ug/l #	29
36) 1,1-Dichloropropene	7.875	75	6745	4.915	ug/l #	47
38) Carbon Tetrachloride	7.875	117	8305	5.740	ug/l #	14
51) 4-Methyl-2-Pentanone	10.269	43	653	1.532	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	17411	71.150	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	17411	149.143	ug/l #	19
92) 1,2-Dibromo-3-Chloropr...	14.339	75	56	1.081	ug/l #	1

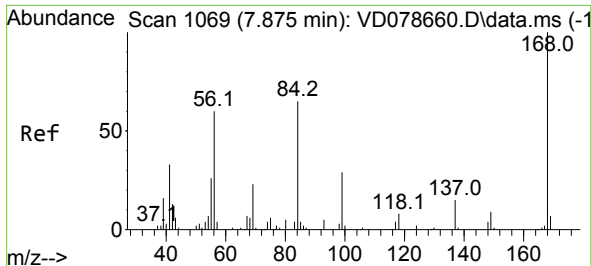
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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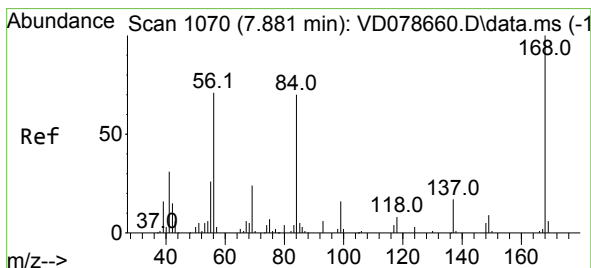
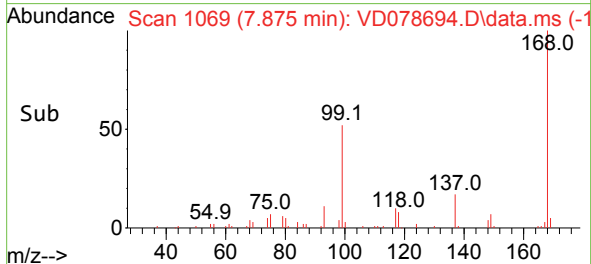
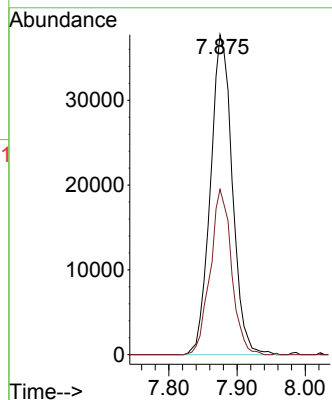
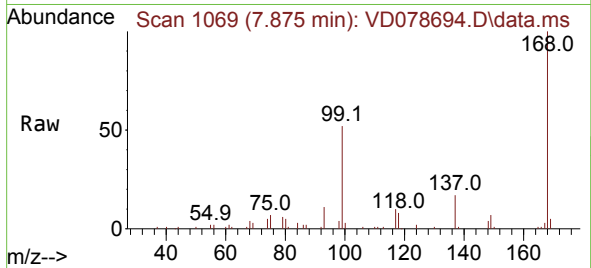




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078694.D
Acq: 18 Mar 2024 14:02

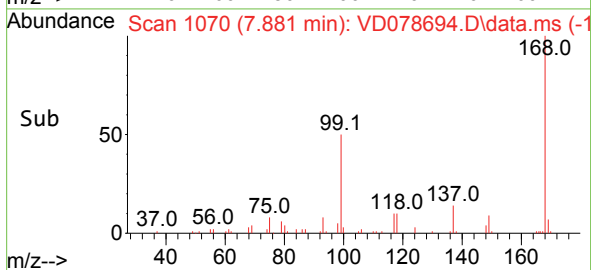
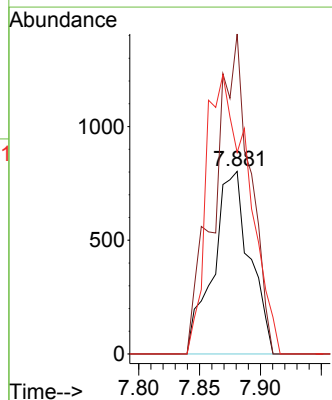
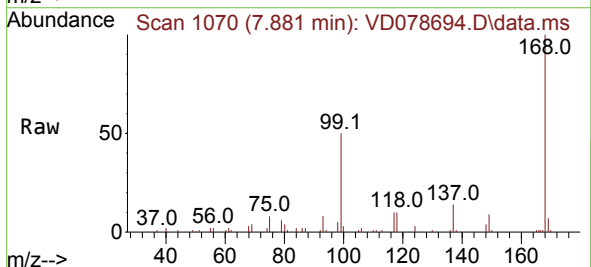
Instrument :
MSVOA_D
ClientSampleId :
SB-06-0-2.0RE

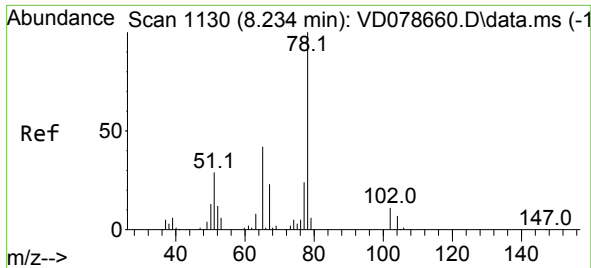
Tgt Ion:168 Resp: 84401
Ion Ratio Lower Upper
168 100
99 51.6 38.8 58.2



#31
Cyclohexane
Concen: 1.260 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078694.D
Acq: 18 Mar 2024 14:02

Tgt Ion: 56 Resp: 1675
Ion Ratio Lower Upper
56 100
69 175.2 26.6 40.0#
84 110.3 79.4 119.2

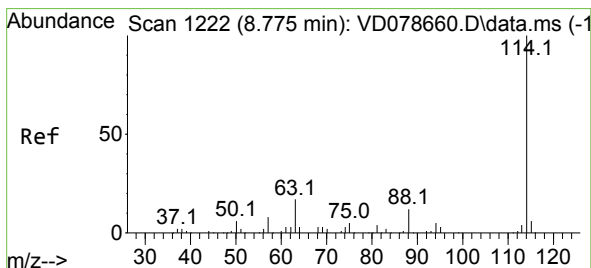
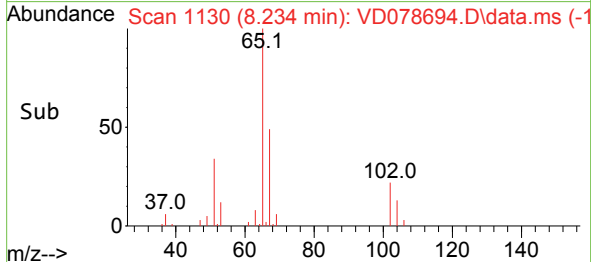
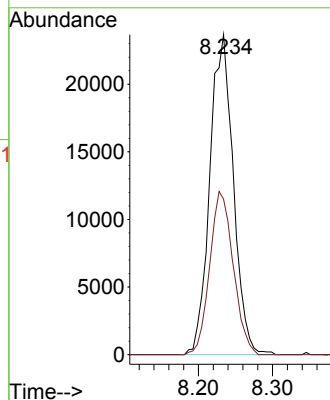
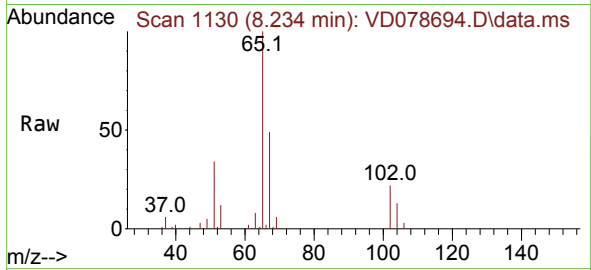




#33
1,2-Dichloroethane-d4
Concen: 65.876 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078694.D
Acq: 18 Mar 2024 14:02

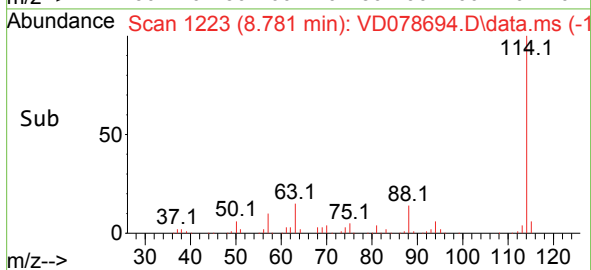
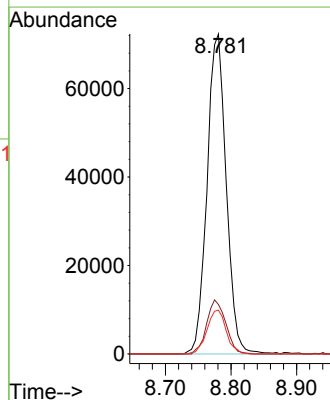
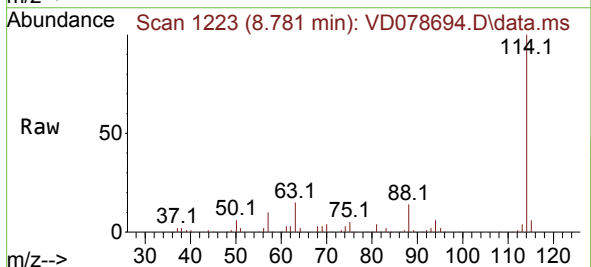
Instrument :
MSVOA_D
ClientSampleId :
SB-06-0-2.0RE

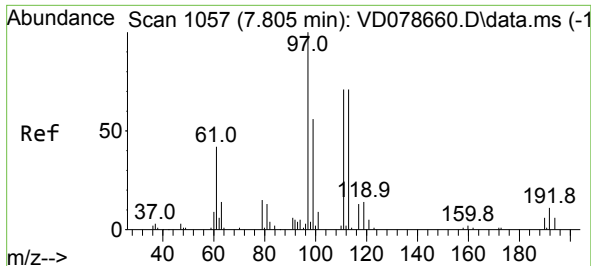
Tgt Ion: 65 Resp: 52106
Ion Ratio Lower Upper
65 100
67 51.1 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD078694.D
Acq: 18 Mar 2024 14:02

Tgt Ion:114 Resp: 146911
Ion Ratio Lower Upper
114 100
63 15.5 0.0 33.4
88 13.7 0.0 24.6

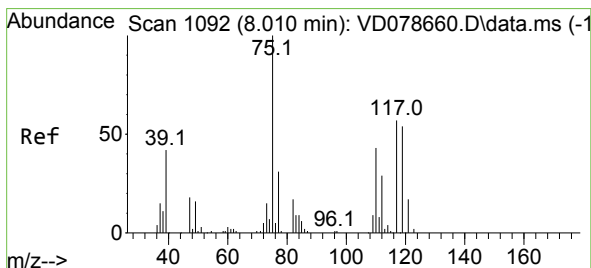
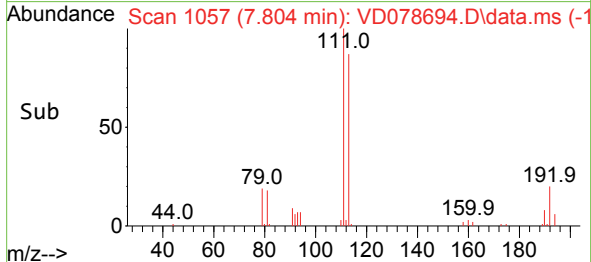
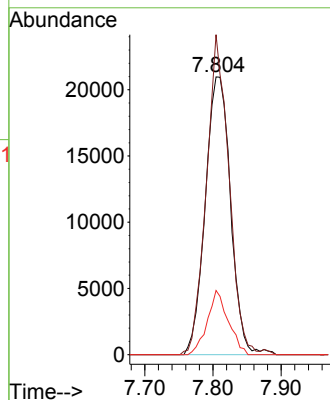
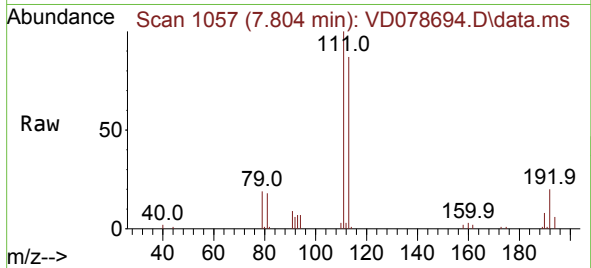




#35
Dibromofluoromethane
Concen: 57.261 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD078694.D
Acq: 18 Mar 2024 14:02

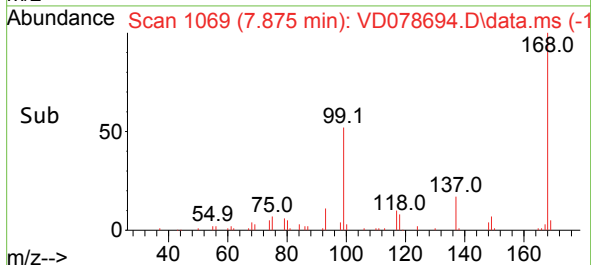
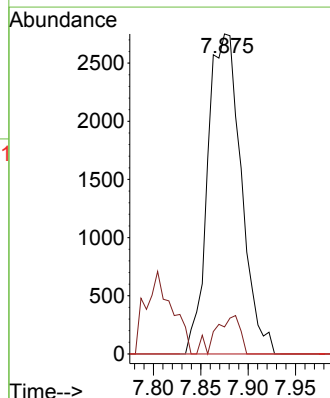
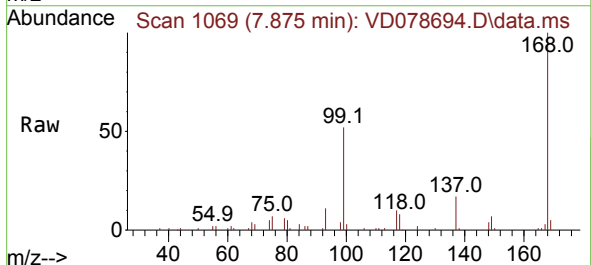
Instrument :
MSVOA_D
ClientSampleId :
SB-06-0-2.0RE

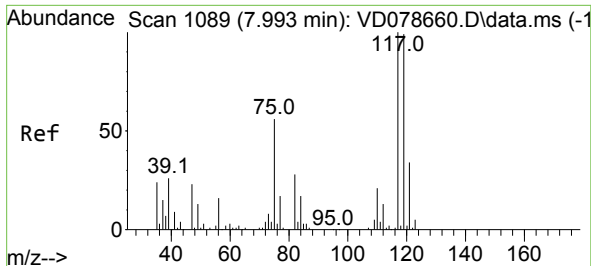
Tgt Ion:113 Resp: 54162
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 19.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.915 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078694.D
Acq: 18 Mar 2024 14:02

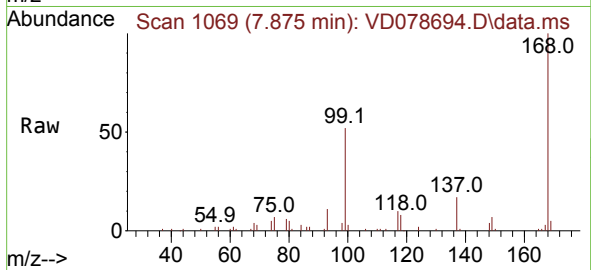
Tgt Ion: 75 Resp: 6745
Ion Ratio Lower Upper
75 100
110 8.7 19.1 57.1#
77 0.0 25.4 38.2#



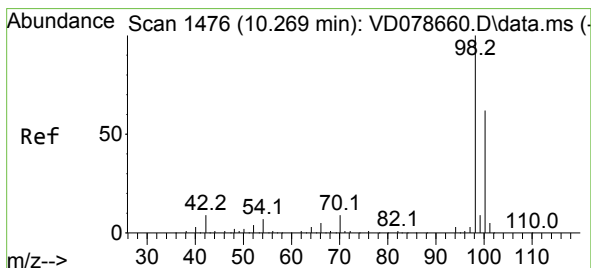
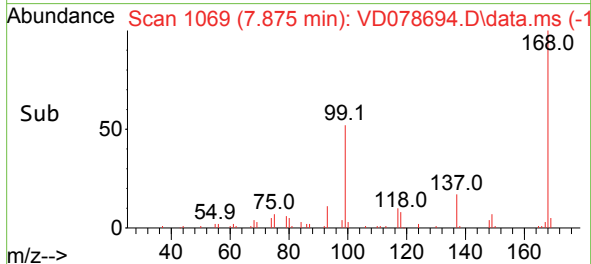
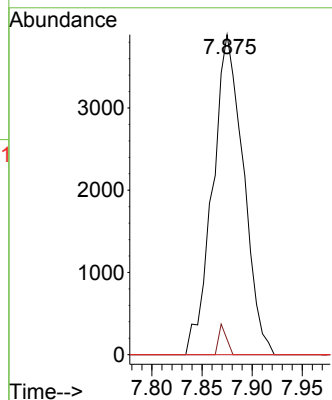


#38
Carbon Tetrachloride
Concen: 5.740 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD078694.D
Acq: 18 Mar 2024 14:02

Instrument :
MSVOA_D
ClientSampleId :
SB-06-0-2.0RE

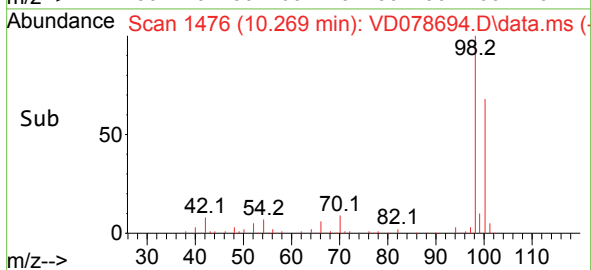
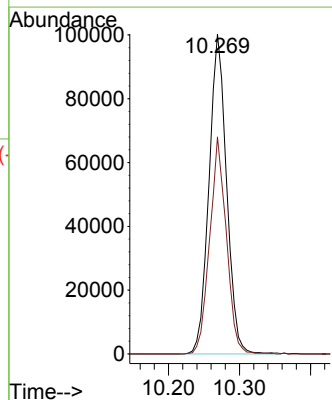
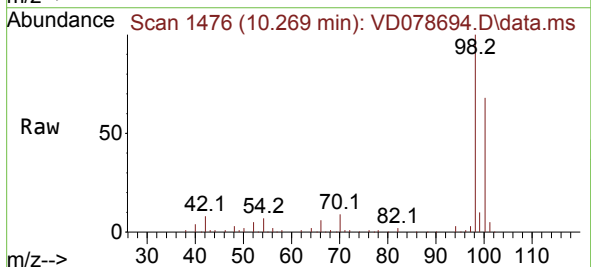


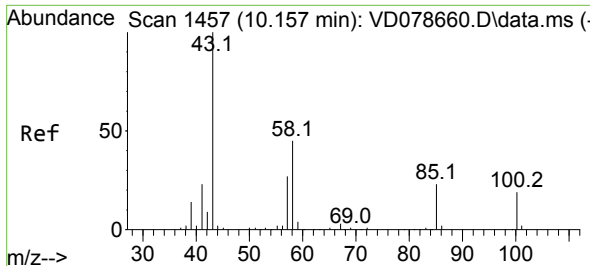
Tgt Ion:117 Resp: 8305
Ion Ratio Lower Upper
117 100
119 4.7 79.2 118.8#
121 0.0 26.8 40.2#



#50
Toluene-d8
Concen: 49.594 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078694.D
Acq: 18 Mar 2024 14:02

Tgt Ion: 98 Resp: 172521
Ion Ratio Lower Upper
98 100
100 64.1 50.5 75.7





#51

4-Methyl-2-Pentanone

Concen: 1.532 ug/l

RT: 10.269 min Scan# 1457

Delta R.T. 0.112 min

Lab File: VD078694.D

Acq: 18 Mar 2024 14:02

Instrument :

MSVOA_D

ClientSampleId :

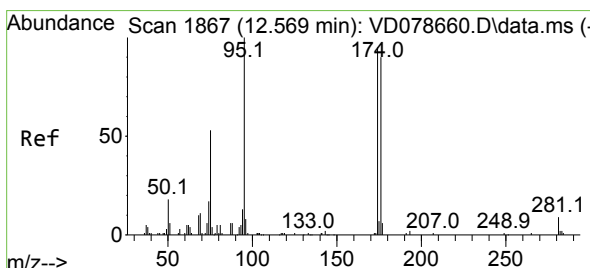
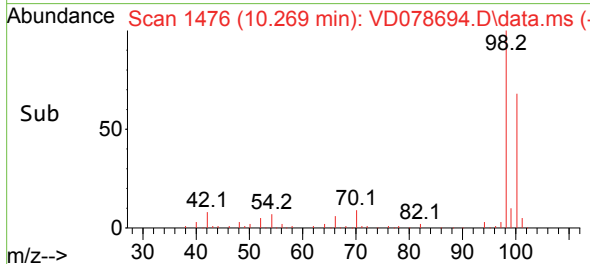
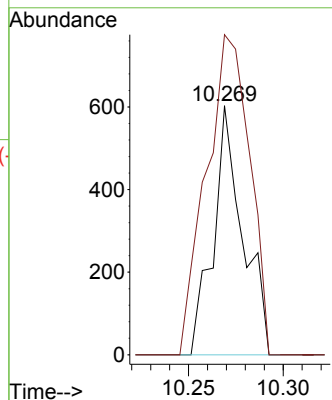
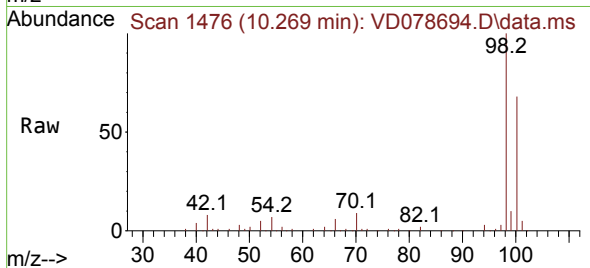
SB-06-0-2.0RE

Tgt Ion: 43 Resp: 653

Ion Ratio Lower Upper

43 100

58 189.6 36.4 54.6#



#62

4-Bromofluorobenzene

Concen: 32.150 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VD078694.D

Acq: 18 Mar 2024 14:02

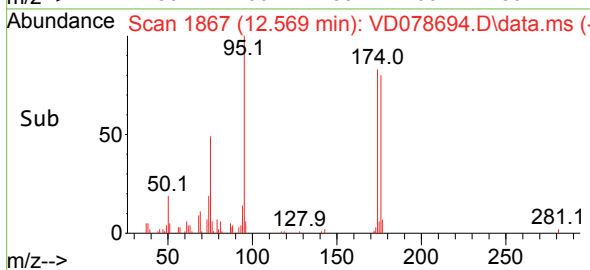
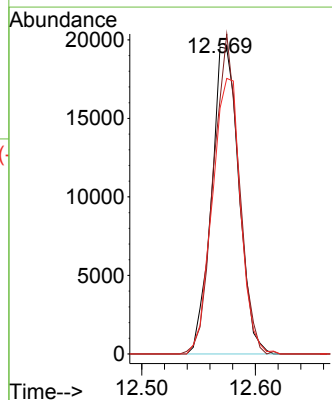
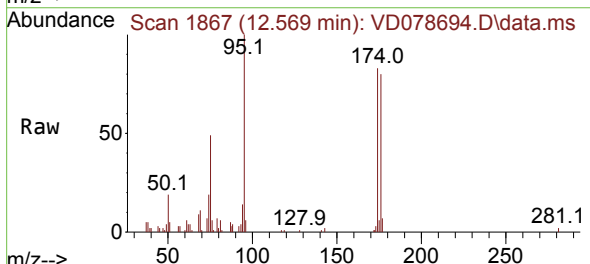
Tgt Ion: 95 Resp: 32719

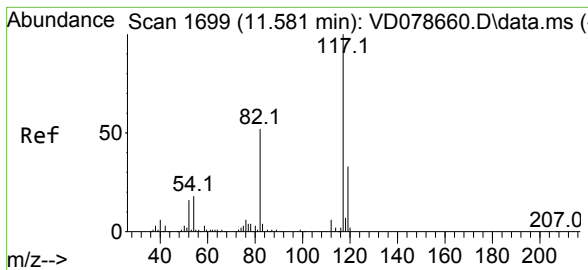
Ion Ratio Lower Upper

95 100

174 97.3 0.0 195.2

176 92.8 0.0 188.2

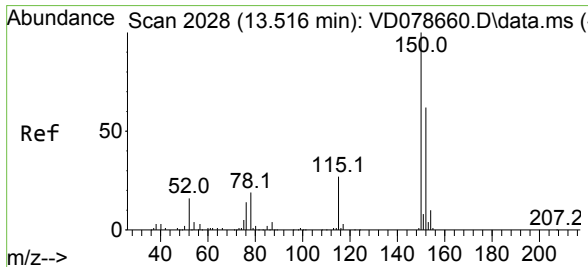
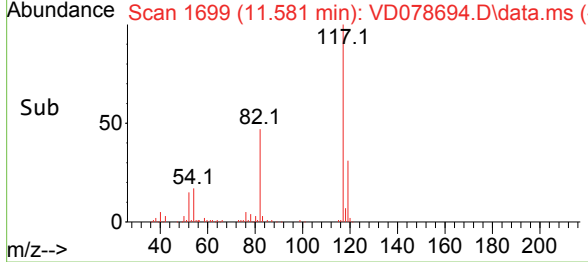
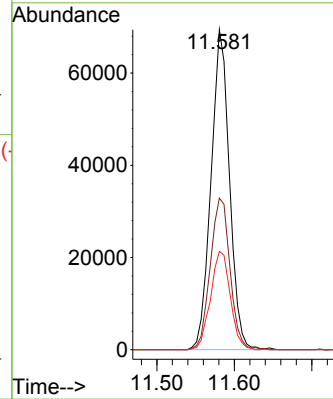
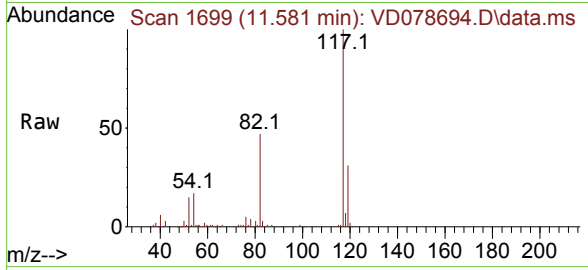




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD078694.D
Acq: 18 Mar 2024 14:02

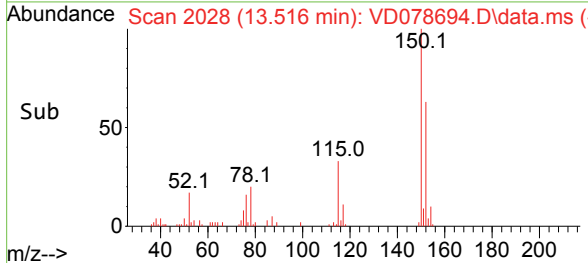
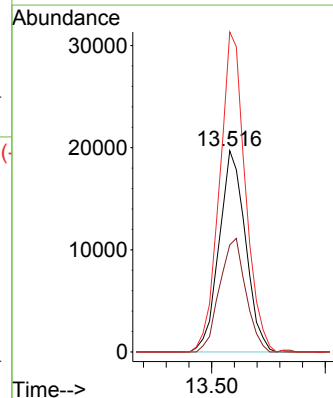
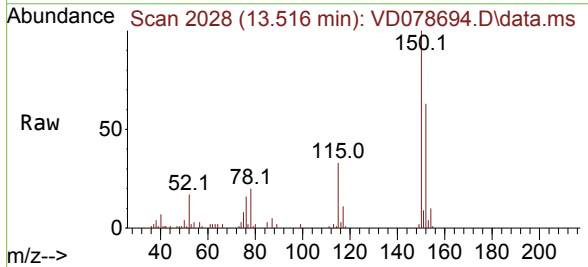
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SB-06-0-2.0RE

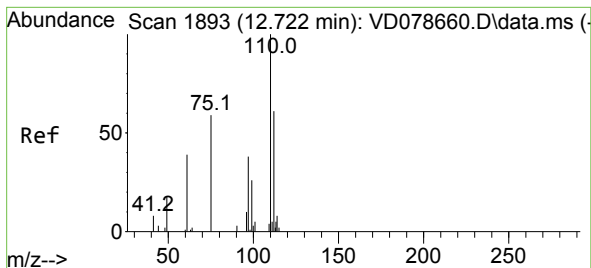
Tgt Ion:	117	Resp:	114701
Ion Ratio	Lower	Upper	
117	100		
82	47.3	41.4	62.2
119	30.7	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078694.D
Acq: 18 Mar 2024 14:02

Tgt Ion:	152	Resp:	31762
Ion Ratio	Lower	Upper	
152	100		
115	56.0	27.1	81.2
150	155.2	0.0	350.2





#76

1,2,3-Trichloropropane

Concen: 71.150 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD078694.D

Acq: 18 Mar 2024 14:02

Instrument :

MSVOA_D

ClientSampleId :

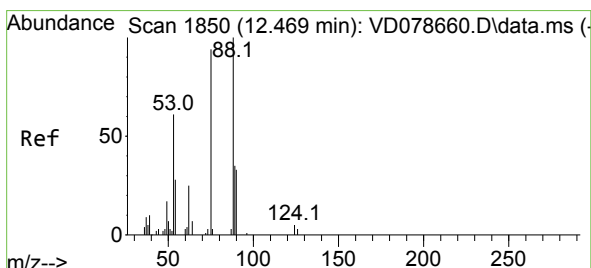
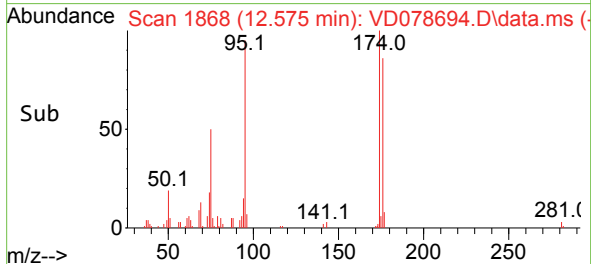
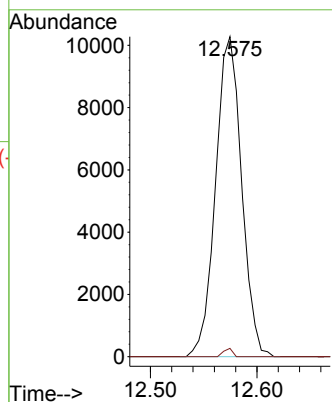
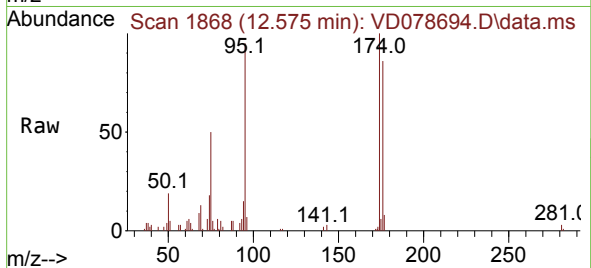
SB-06-0-2.0RE

Tgt Ion: 75 Resp: 17411

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 149.143 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.106 min

Lab File: VD078694.D

Acq: 18 Mar 2024 14:02

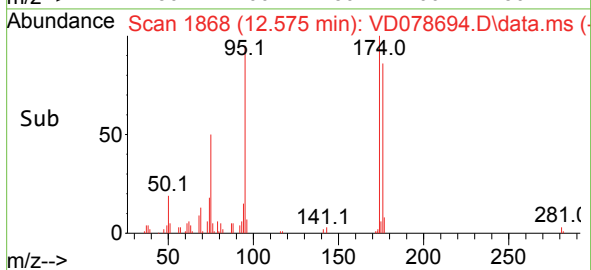
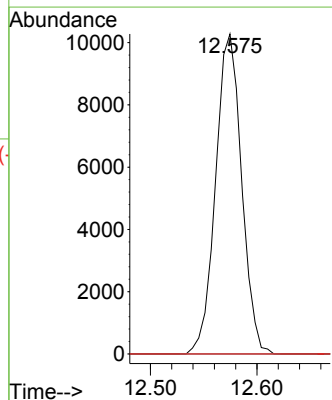
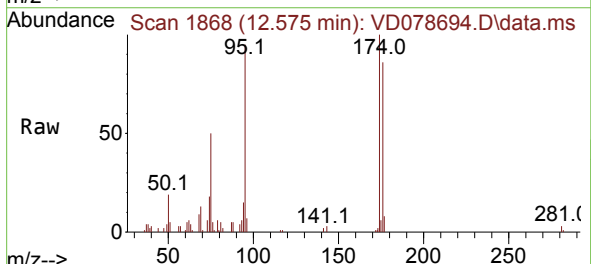
Tgt Ion: 75 Resp: 17411

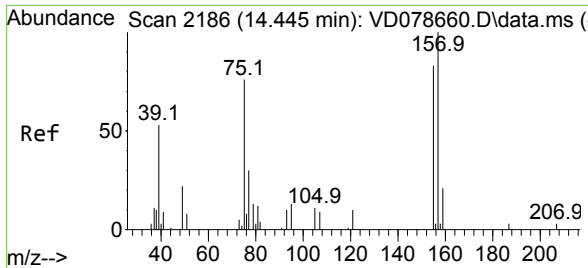
Ion Ratio Lower Upper

75 100

53 0.0 61.0 91.6#

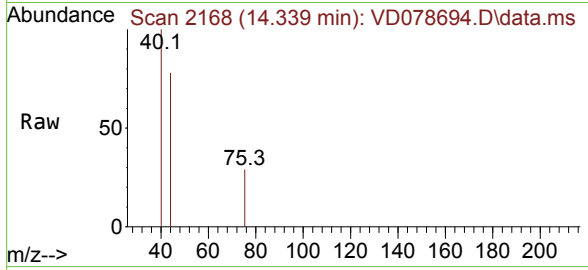
89 0.0 35.4 53.0#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.081 ug/l
 RT: 14.339 min Scan# 21
 Delta R.T. -0.106 min
 Lab File: VD078694.D
 Acq: 18 Mar 2024 14:02

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-0-2.0RE



Tgt Ion:	75	Resp:	56
Ion	Ratio	Lower	Upper
75	100		
155	0.0	49.8	149.3#
157	0.0	65.5	196.3#

