

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111824\
 Data File : VD080077.D
 Acq On : 18 Nov 2024 18:55
 Operator : RP/MD
 Sample : P4860-06
 Misc : 5.81G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 06:51:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 16:25:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

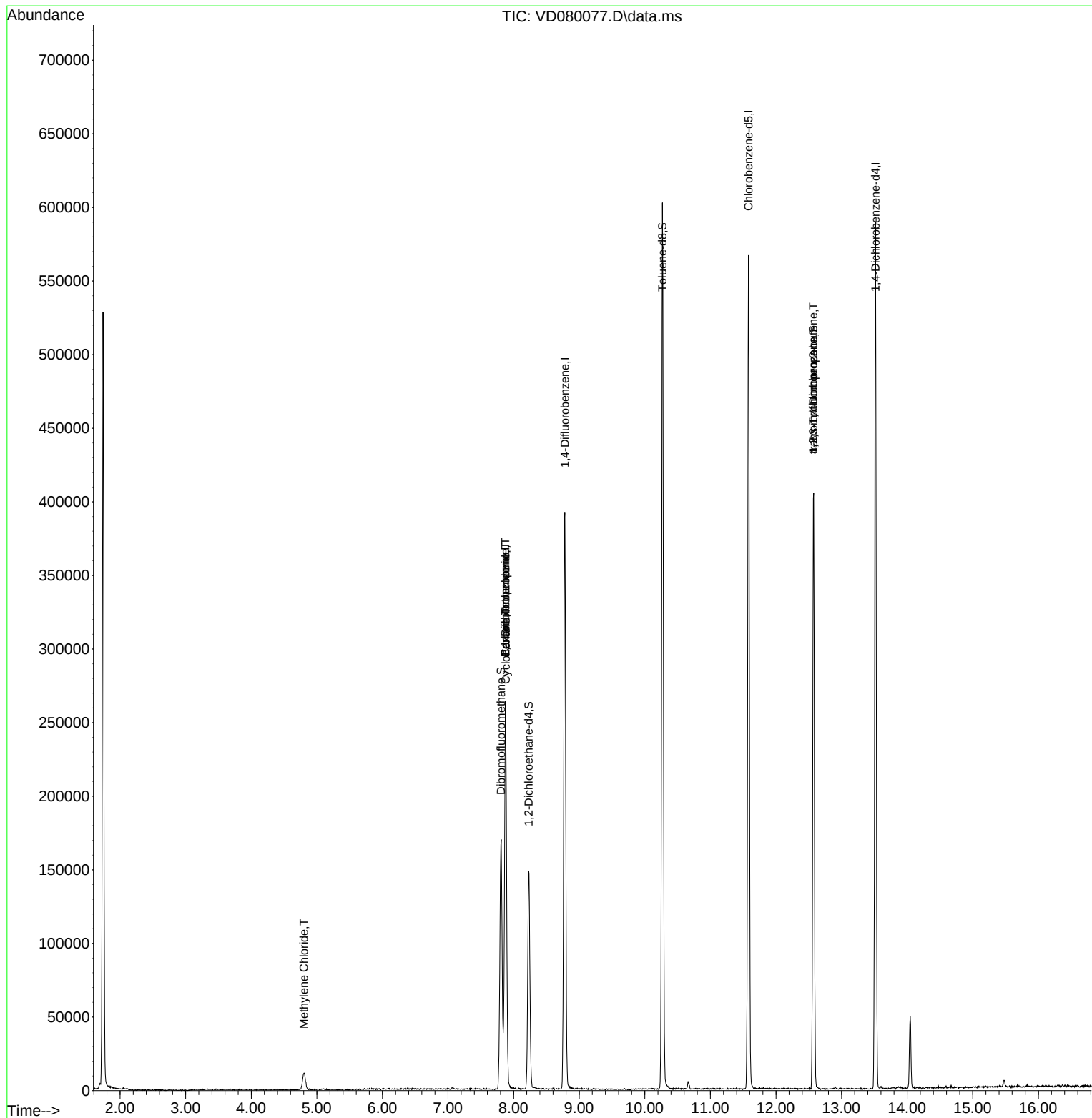
Internal Standards						
1) Pentafluorobenzene	7.875	168	204714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	354903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	331615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	164207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	119930	56.900	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.800%	
35) Dibromofluoromethane	7.810	113	124857	52.861	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.720%	
50) Toluene-d8	10.269	98	423334	47.553	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.100%	
62) 4-Bromofluorobenzene	12.569	95	127611	43.691	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 87.380%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.805	84	10043	4.095	ug/l	94
31) Cyclohexane	7.881	56	4356	1.269	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	14630	4.530	ug/l #	50
38) Carbon Tetrachloride	7.875	117	19129	5.421	ug/l #	18
76) 1,2,3-Trichloropropane	12.569	75	64388	44.406	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	64388	90.883	ug/l #	15

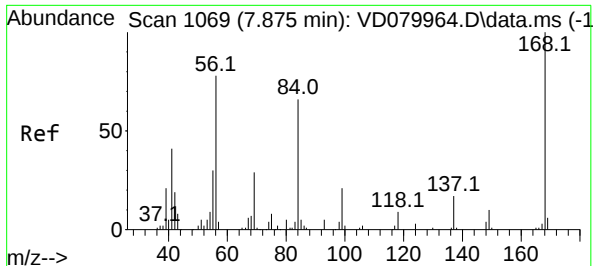
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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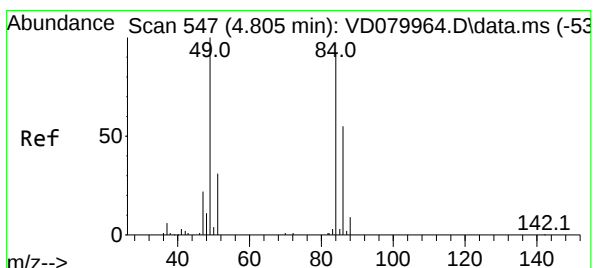
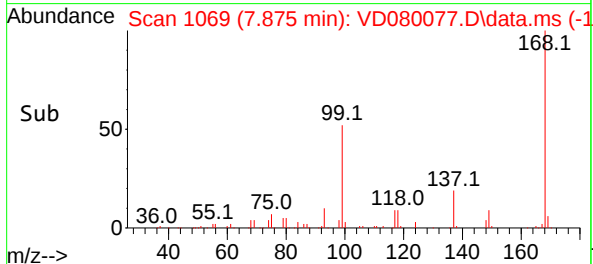
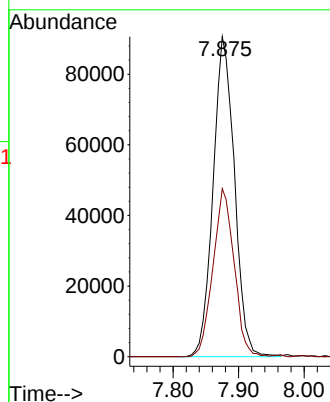
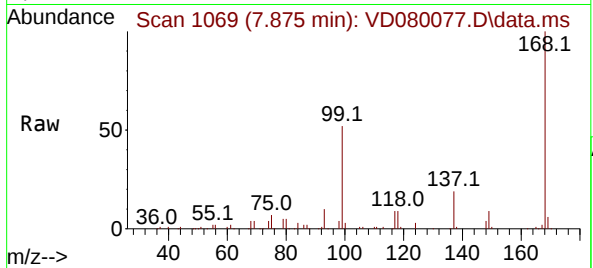




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD080077.D
Acq: 18 Nov 2024 18:55

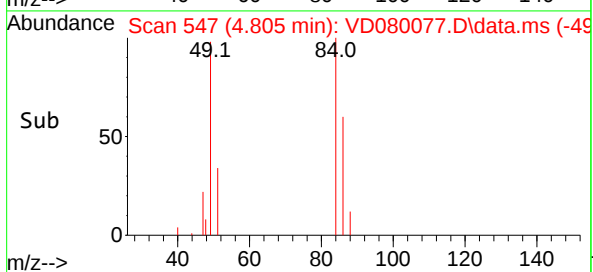
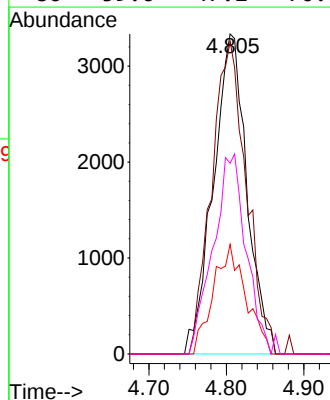
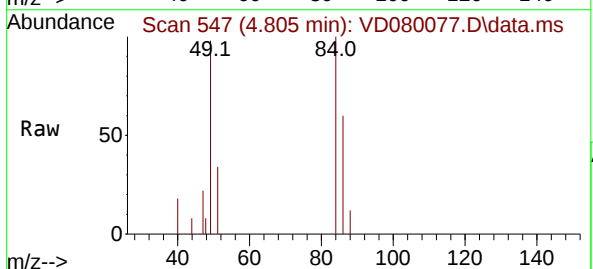
Instrument :
MSVOA_D
ClientSampleId :

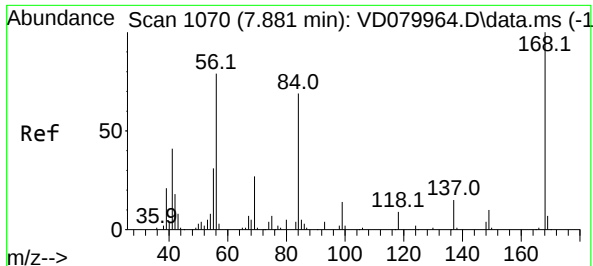
Tgt Ion:168 Resp: 204714
Ion Ratio Lower Upper
168 100
99 52.5 46.0 69.0



#20
Methylene Chloride
Concen: 4.095 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD080077.D
Acq: 18 Nov 2024 18:55

Tgt Ion: 84 Resp: 10043
Ion Ratio Lower Upper
84 100
49 97.6 86.5 129.7
51 34.2 26.9 40.3
86 59.6 47.2 70.8

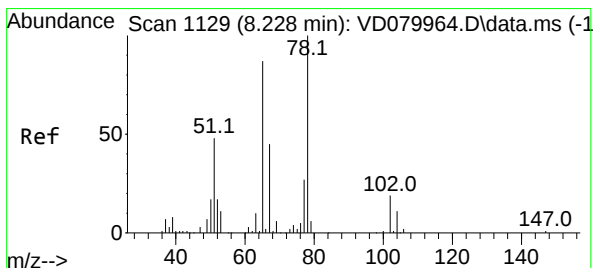
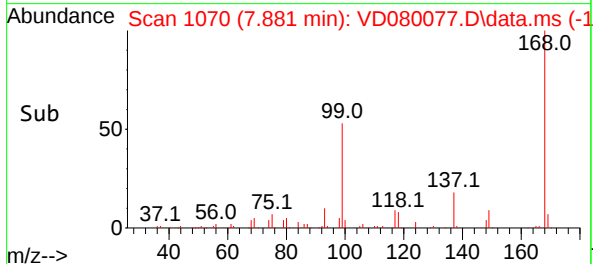
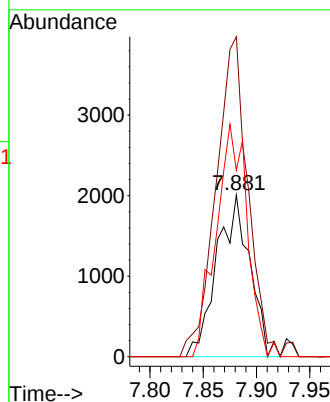
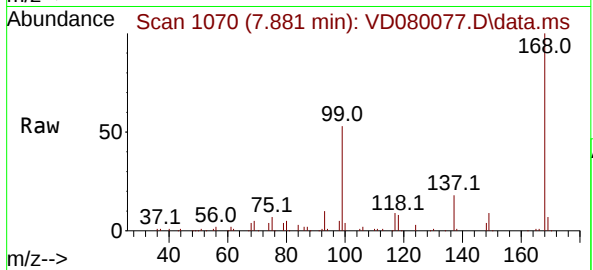




#31
Cyclohexane
Concen: 1.269 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD080077.D
Acq: 18 Nov 2024 18:55

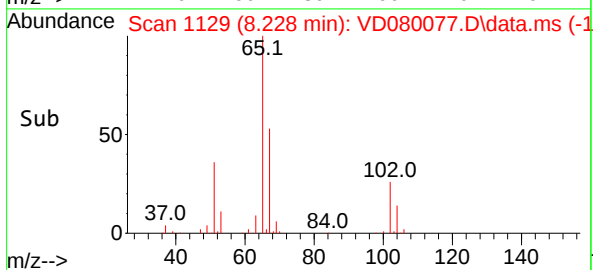
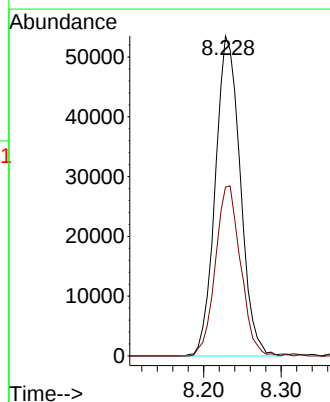
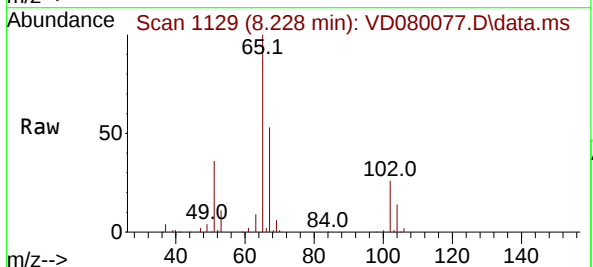
Instrument :
MSVOA_D
ClientSampleId :

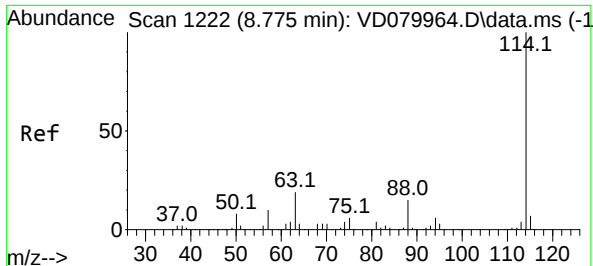
Tgt Ion: 56 Resp: 4356
Ion Ratio Lower Upper
56 100
69 197.9 27.3 40.9#
84 115.3 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 56.900 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD080077.D
Acq: 18 Nov 2024 18:55

Tgt Ion: 65 Resp: 119930
Ion Ratio Lower Upper
65 100
67 53.5 0.0 109.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD080077.D

Acq: 18 Nov 2024 18:55

Instrument :

MSVOA_D

ClientSampleId :

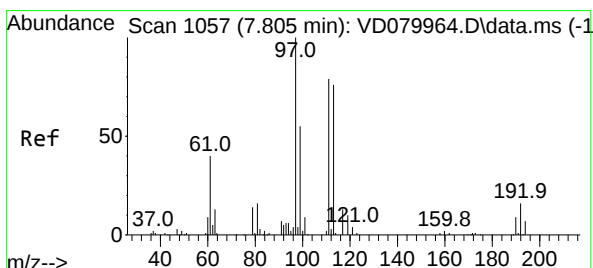
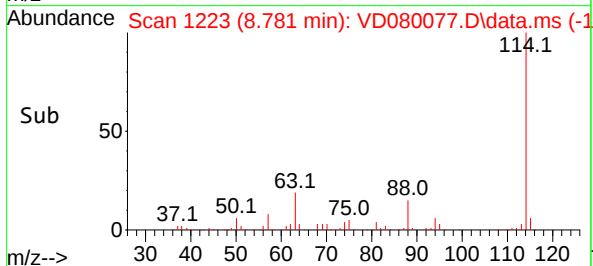
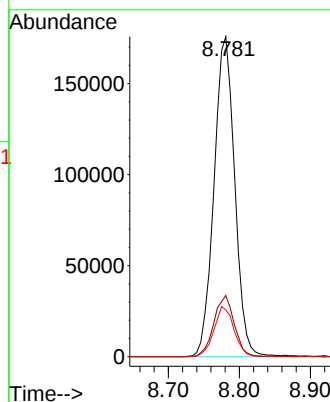
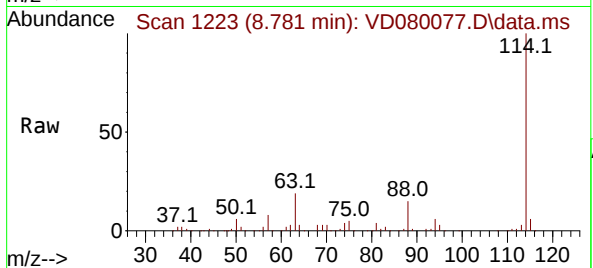
Tgt Ion:114 Resp: 354903

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.8

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.861 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD080077.D

Acq: 18 Nov 2024 18:55

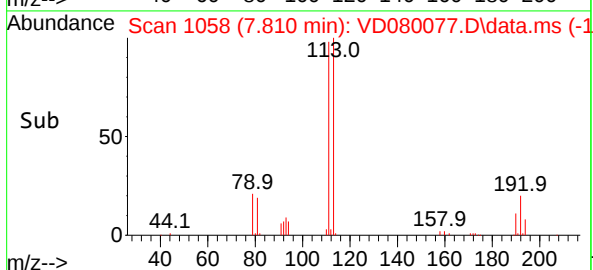
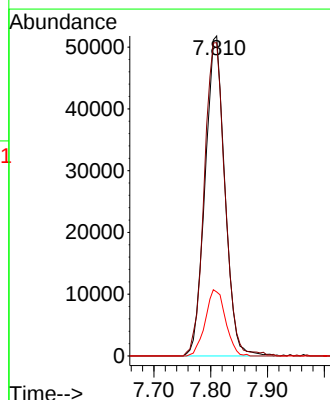
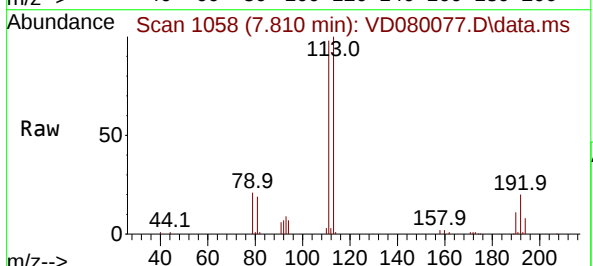
Tgt Ion:113 Resp: 124857

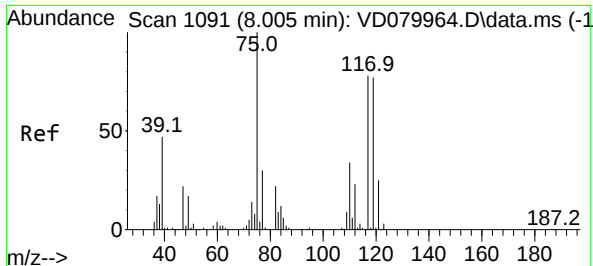
Ion Ratio Lower Upper

113 100

111 102.3 82.5 123.7

192 21.2 16.6 25.0





#36

1,1-Dichloropropene

Concen: 4.530 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD080077.D

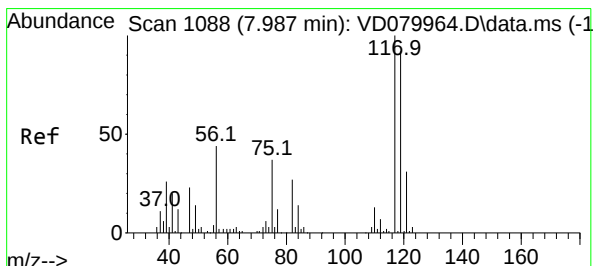
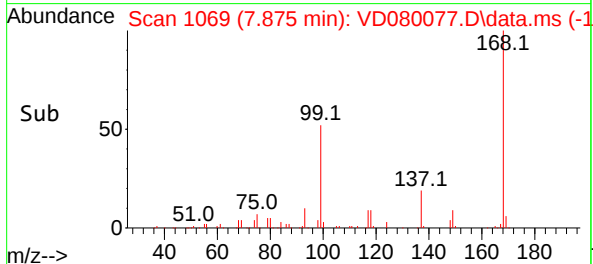
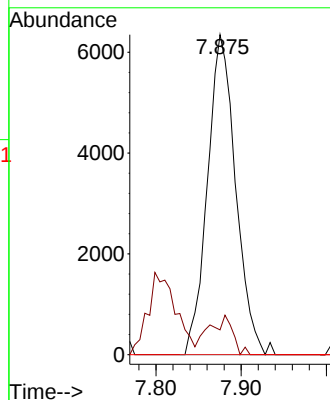
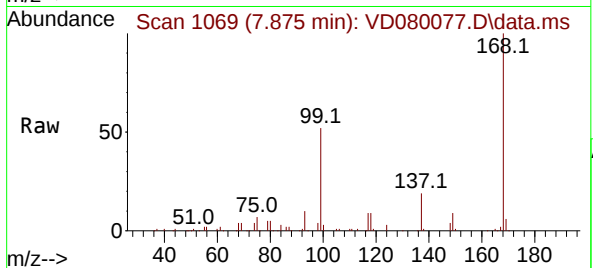
Acq: 18 Nov 2024 18:55

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	75	Resp:	14630
Ion Ratio	Lower	Upper	
75	100		
110	10.5	18.4	55.0#
77	0.0	25.6	38.4#



#38

Carbon Tetrachloride

Concen: 5.421 ug/l

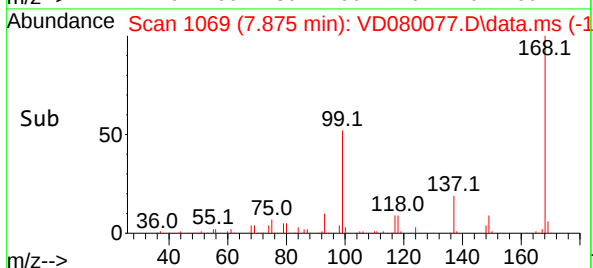
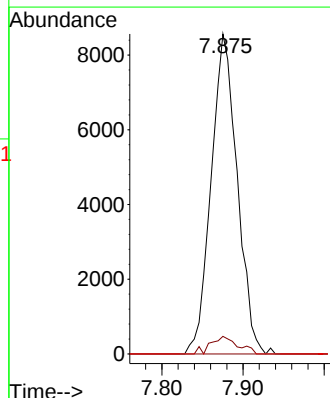
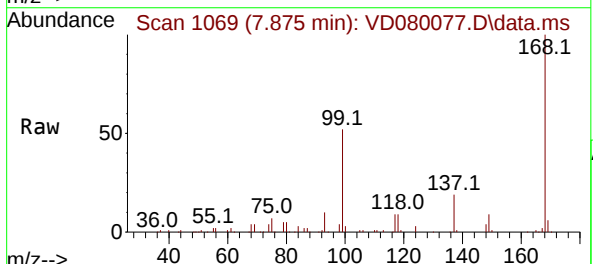
RT: 7.875 min Scan# 1069

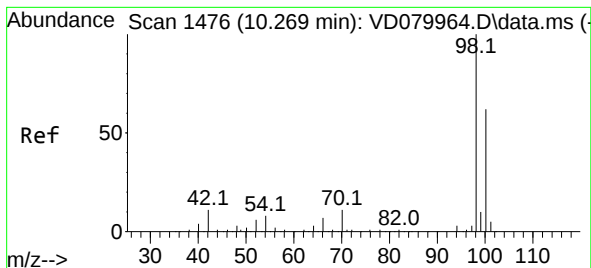
Delta R.T. -0.112 min

Lab File: VD080077.D

Acq: 18 Nov 2024 18:55

Tgt Ion:	117	Resp:	19129
Ion Ratio	Lower	Upper	
117	100		
119	5.5	73.4	110.0#
121	0.0	24.5	36.7#

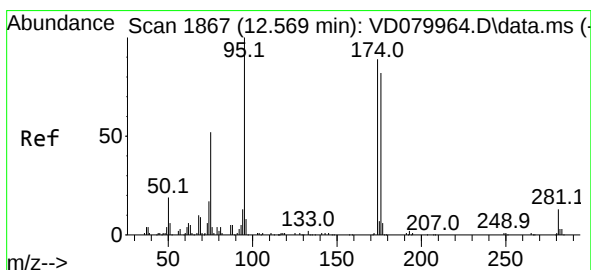
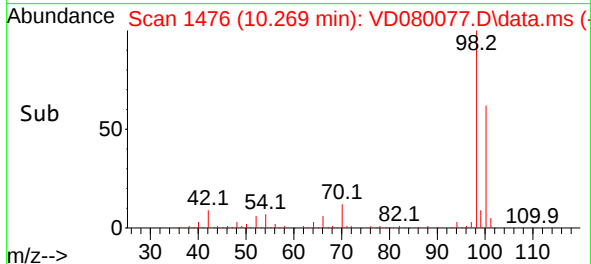
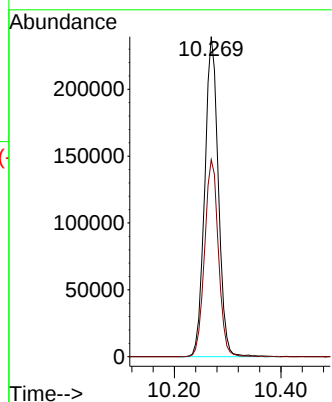
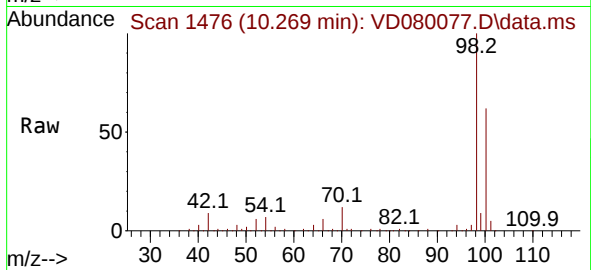




#50
Toluene-d8
Concen: 47.553 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD080077.D
Acq: 18 Nov 2024 18:55

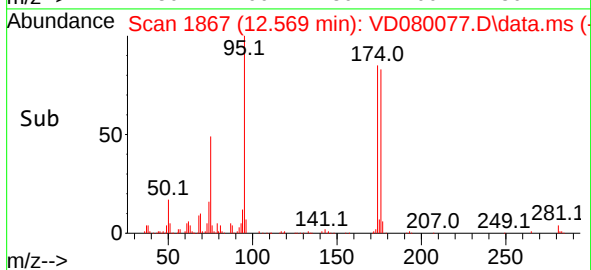
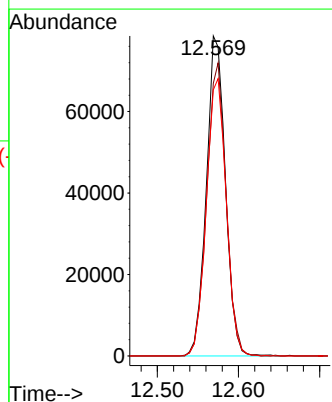
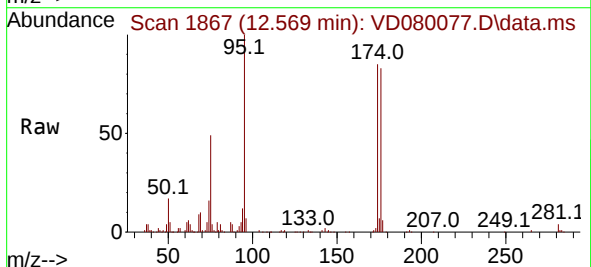
Instrument :
MSVOA_D
ClientSampleId :

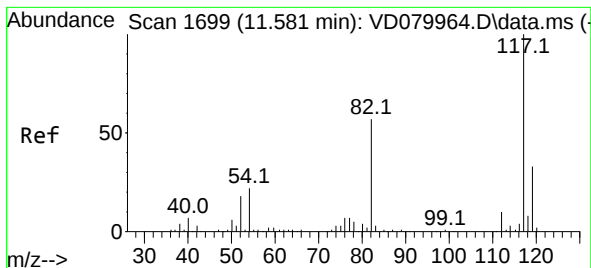
Tgt Ion: 98 Resp: 423334
Ion Ratio Lower Upper
98 100
100 62.4 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 43.691 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD080077.D
Acq: 18 Nov 2024 18:55

Tgt Ion: 95 Resp: 127611
Ion Ratio Lower Upper
95 100
174 93.2 0.0 173.4
176 90.7 0.0 166.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD080077.D

Acq: 18 Nov 2024 18:55

Instrument :

MSVOA_D

ClientSampleId :

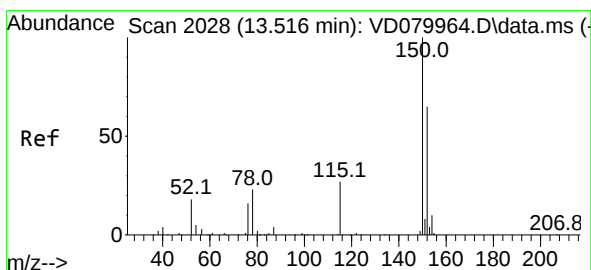
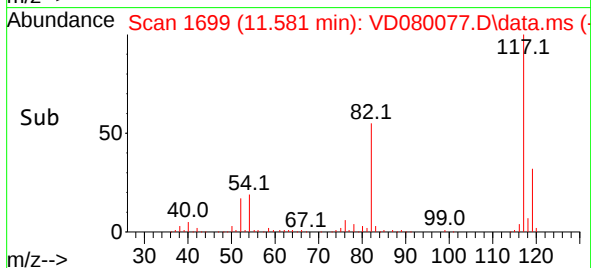
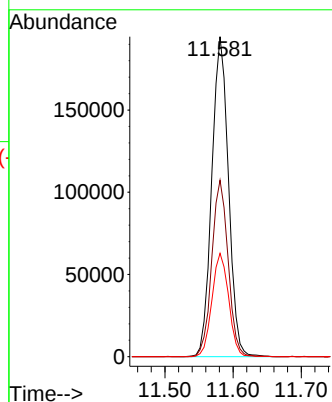
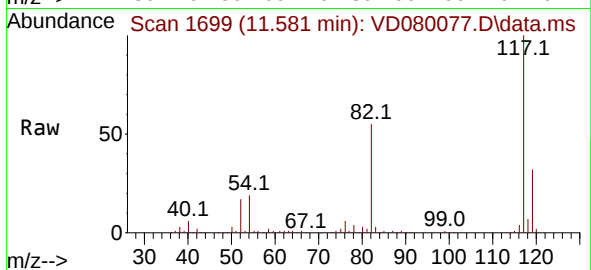
Tgt Ion:117 Resp: 331615

Ion Ratio Lower Upper

117 100

82 55.2 45.8 68.6

119 32.3 26.2 39.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD080077.D

Acq: 18 Nov 2024 18:55

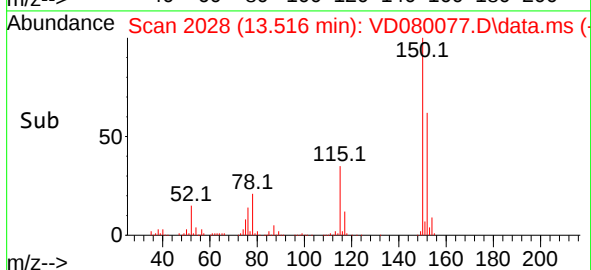
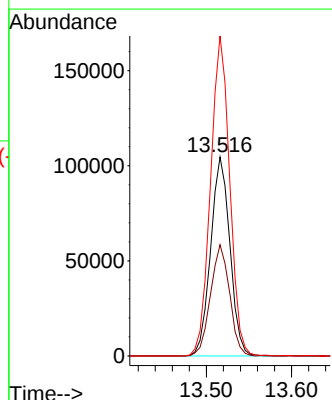
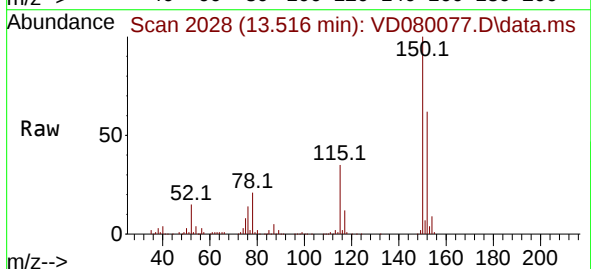
Tgt Ion:152 Resp: 164207

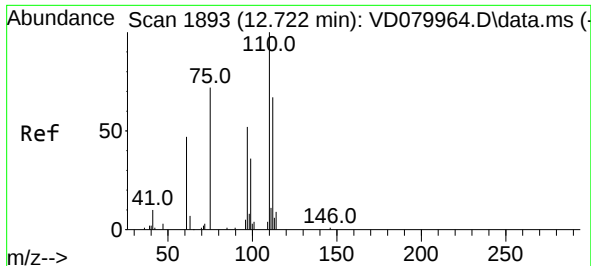
Ion Ratio Lower Upper

152 100

115 55.4 28.9 86.8

150 159.8 0.0 354.8

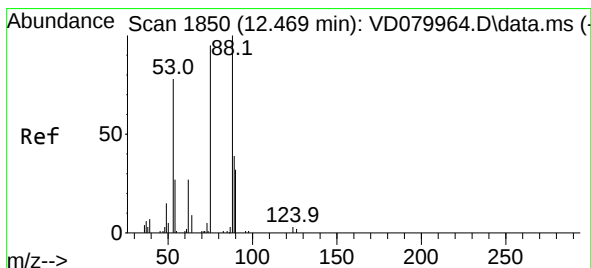
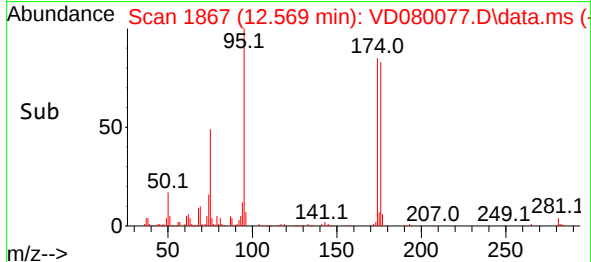
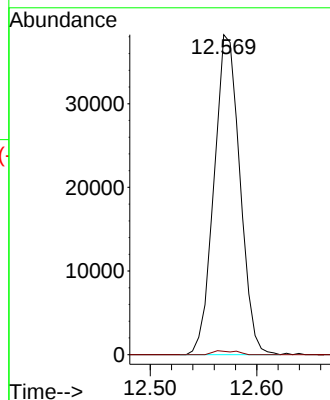
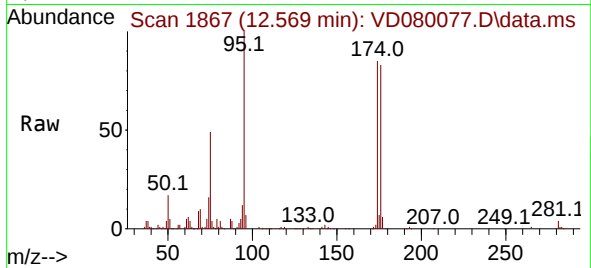




#76
1,2,3-Trichloropropane
Concen: 44.406 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD080077.D
Acq: 18 Nov 2024 18:55

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 64388
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.883 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD080077.D
Acq: 18 Nov 2024 18:55

Tgt Ion: 75 Resp: 64388
Ion Ratio Lower Upper
75 100
53 0.1 68.7 103.1#
89 0.2 36.1 54.1#

