

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111824\
 Data File : VD080078.D
 Acq On : 18 Nov 2024 19:22
 Operator : RP/MD
 Sample : P4860-07
 Misc : 6.20G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 04:51:09 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)

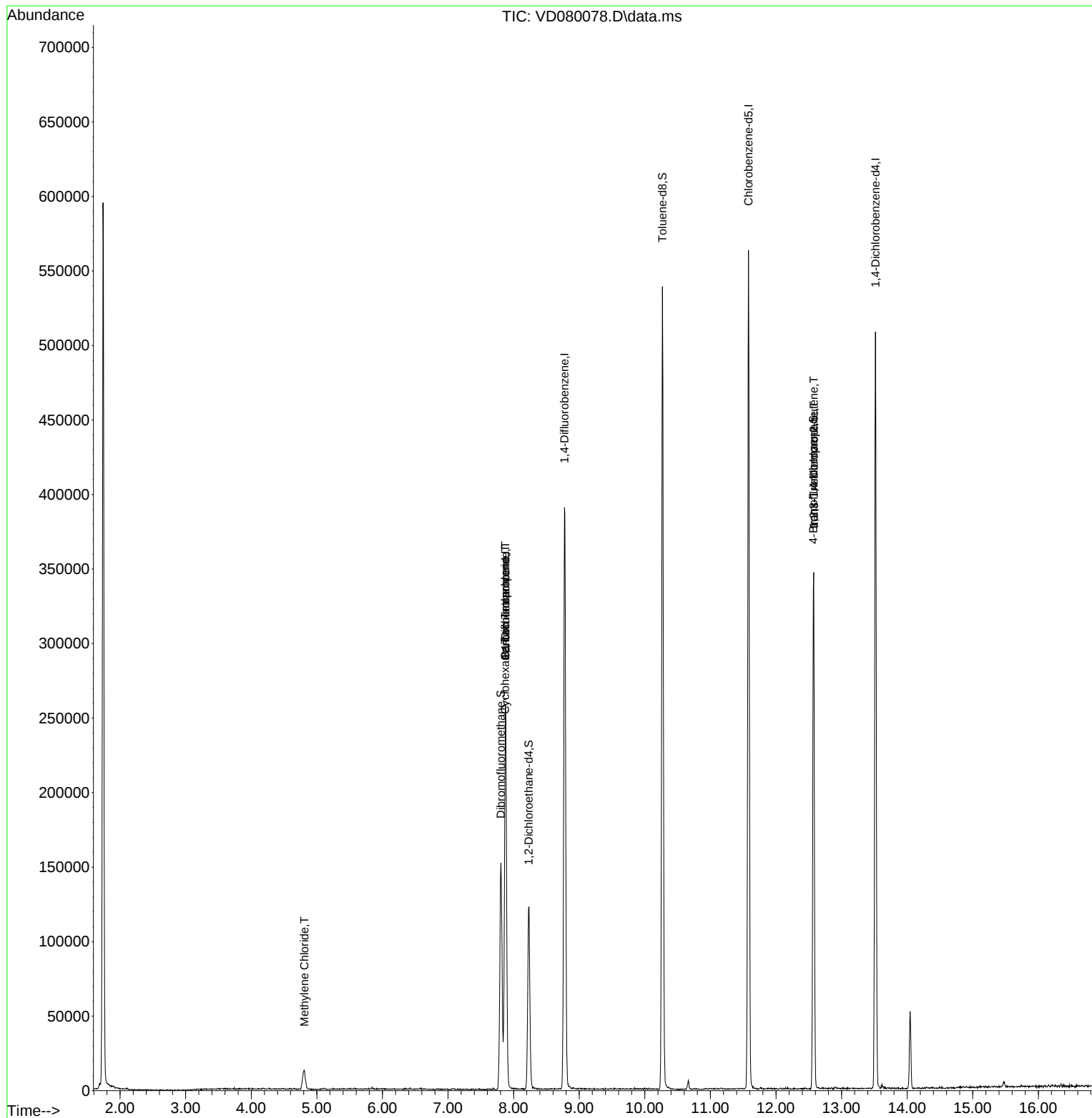
Internal Standards						
1) Pentafluorobenzene	7.875	168	209792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	360025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	320832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	141967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	96108	44.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.980%
35) Dibromofluoromethane	7.805	113	110302	46.034	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.060%
50) Toluene-d8	10.269	98	377907	41.846	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.700%
62) 4-Bromofluorobenzene	12.569	95	107643	36.330	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.660%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.811	84	10593	4.215	ug/l	94
31) Cyclohexane	7.869	56	3846	1.093	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	15006	4.580	ug/l #	48
38) Carbon Tetrachloride	7.875	117	19314	5.395	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	52100	41.560	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	52100	85.059	ug/l #	15

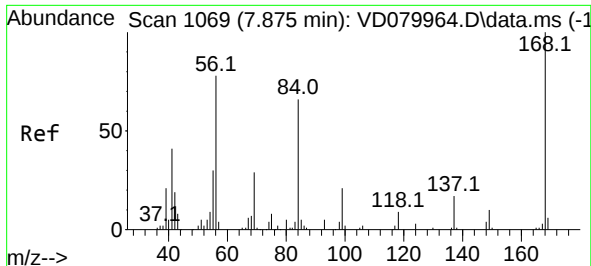
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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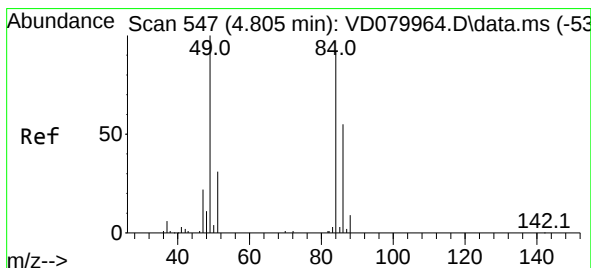
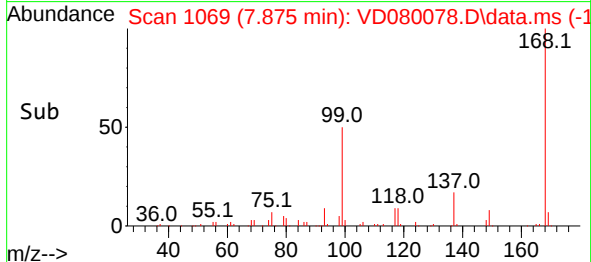
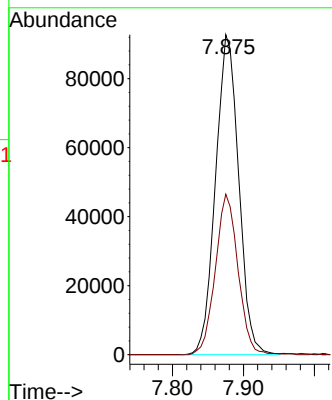
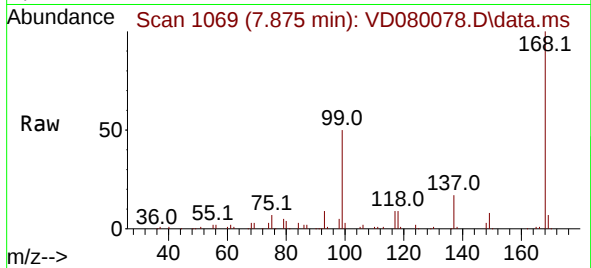




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD080078.D
Acq: 18 Nov 2024 19:22

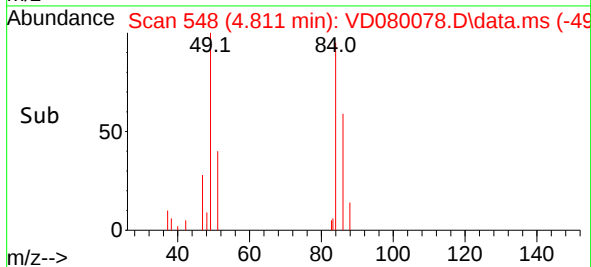
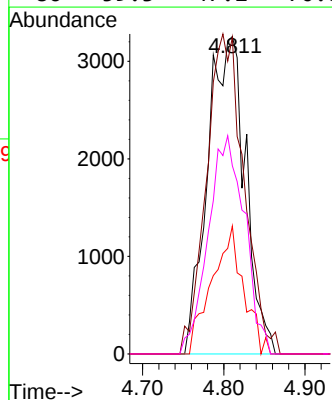
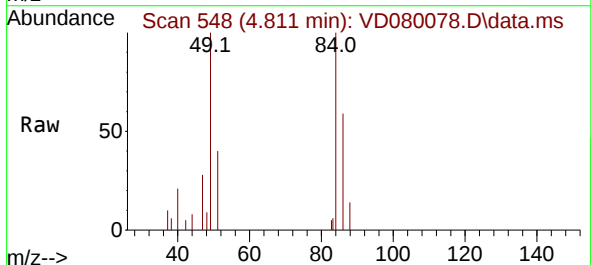
Instrument :
MSVOA_D
ClientSampleId :

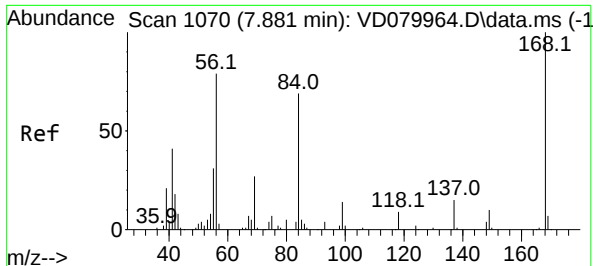
Tgt Ion:168 Resp: 209792
Ion Ratio Lower Upper
168 100
99 50.2 46.0 69.0



#20
Methylene Chloride
Concen: 4.215 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD080078.D
Acq: 18 Nov 2024 19:22

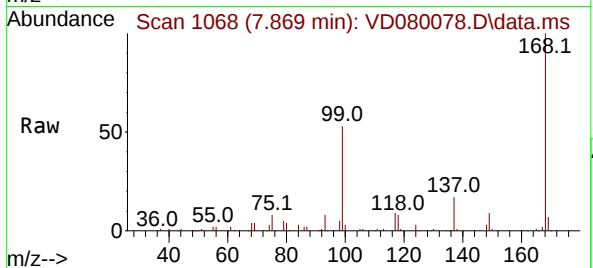
Tgt Ion: 84 Resp: 10593
Ion Ratio Lower Upper
84 100
49 99.8 86.5 129.7
51 40.3 26.9 40.3
86 59.3 47.2 70.8



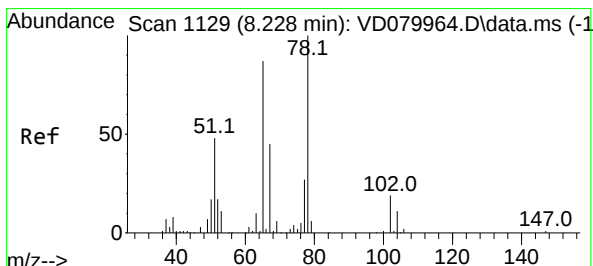
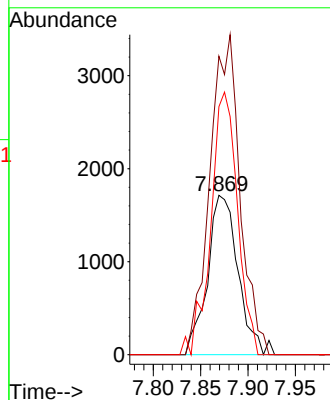
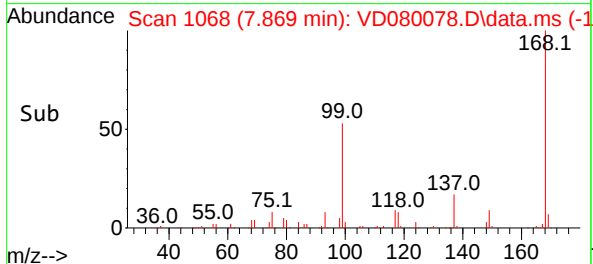


#31
Cyclohexane
Concen: 1.093 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD080078.D
Acq: 18 Nov 2024 19:22

Instrument :
MSVOA_D
ClientSampleId :

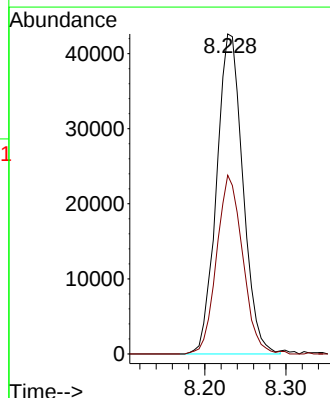
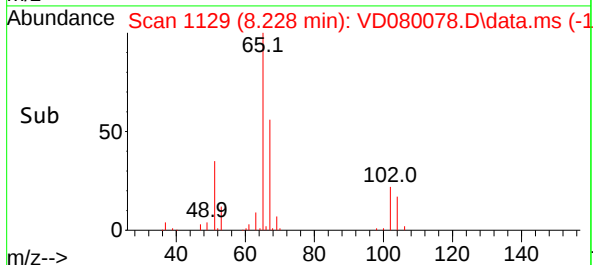
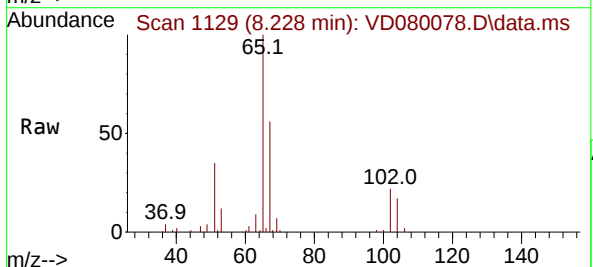


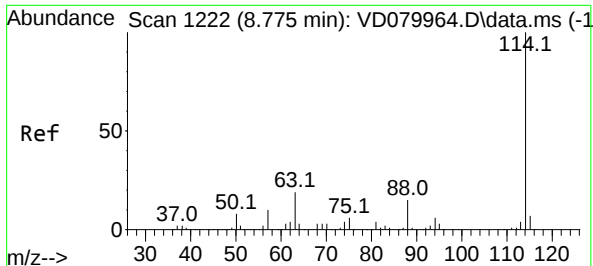
Tgt Ion: 56 Resp: 3846
Ion Ratio Lower Upper
56 100
69 187.3 27.3 40.9#
84 155.7 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 44.494 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD080078.D
Acq: 18 Nov 2024 19:22

Tgt Ion: 65 Resp: 96108
Ion Ratio Lower Upper
65 100
67 55.4 0.0 109.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD080078.D

Acq: 18 Nov 2024 19:22

Instrument :

MSVOA_D

ClientSampleId :

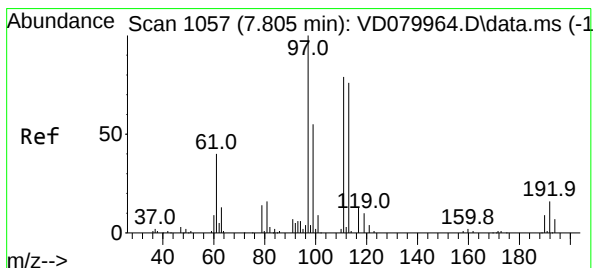
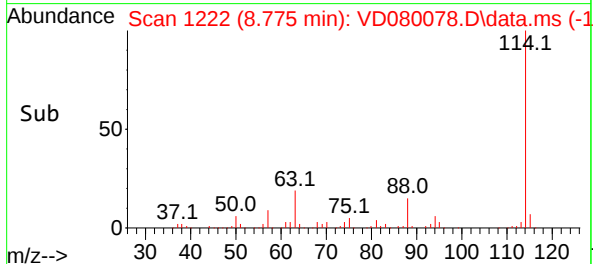
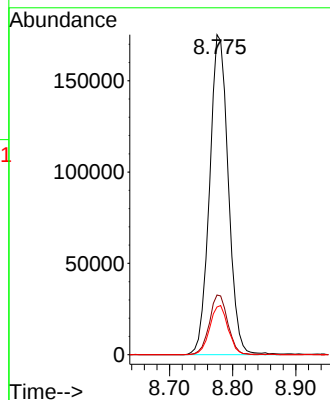
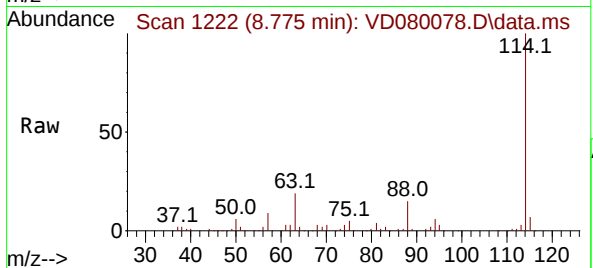
Tgt Ion:114 Resp: 360025

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.8

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.034 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD080078.D

Acq: 18 Nov 2024 19:22

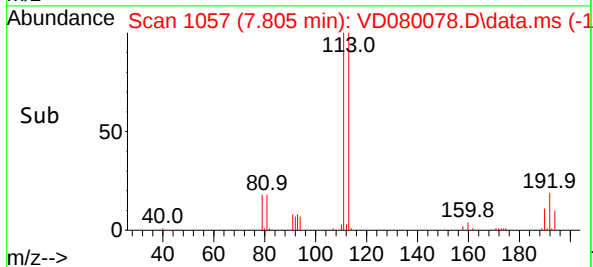
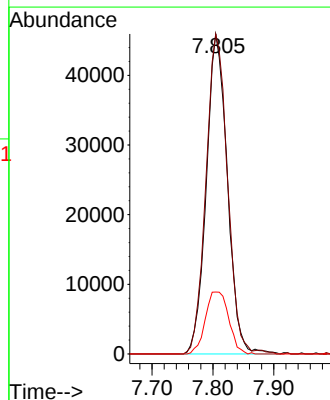
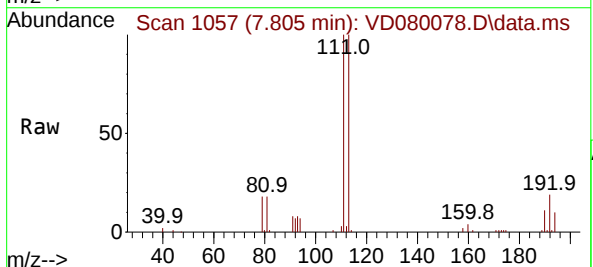
Tgt Ion:113 Resp: 110302

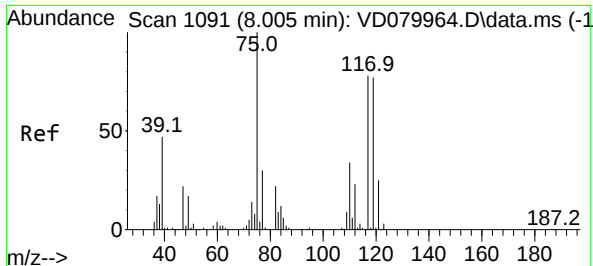
Ion Ratio Lower Upper

113 100

111 102.0 82.5 123.7

192 21.5 16.6 25.0





#36

1,1-Dichloropropene

Concen: 4.580 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD080078.D

Acq: 18 Nov 2024 19:22

Instrument :

MSVOA_D

ClientSampleId :

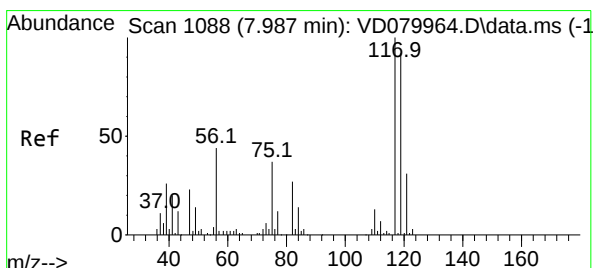
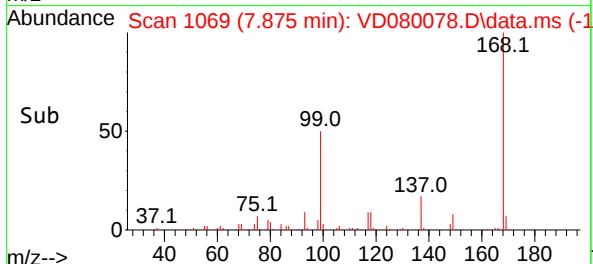
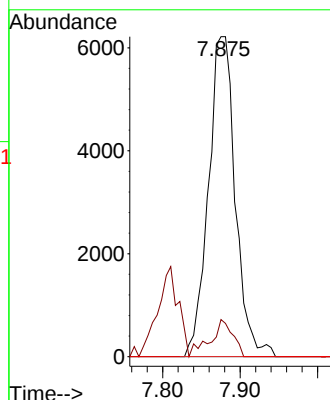
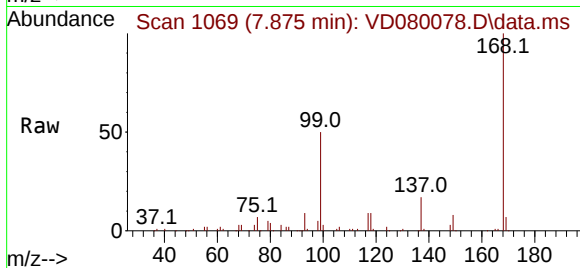
Tgt Ion: 75 Resp: 15006

Ion Ratio Lower Upper

75 100

110 8.7 18.4 55.0#

77 0.0 25.6 38.4#



#38

Carbon Tetrachloride

Concen: 5.395 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD080078.D

Acq: 18 Nov 2024 19:22

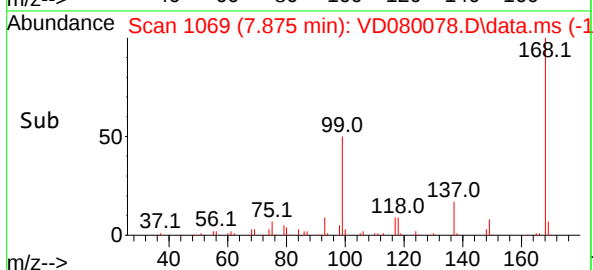
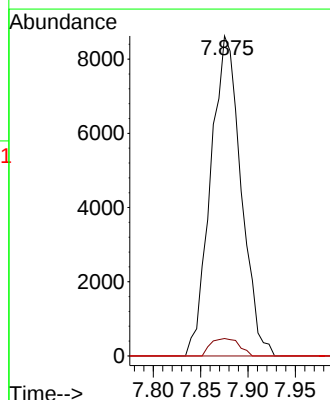
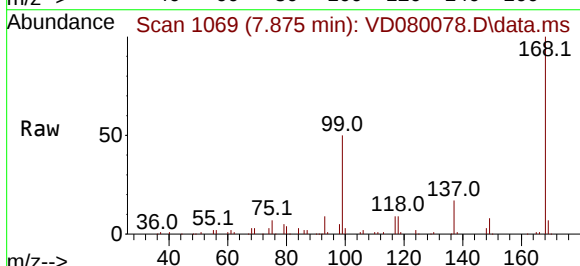
Tgt Ion: 117 Resp: 19314

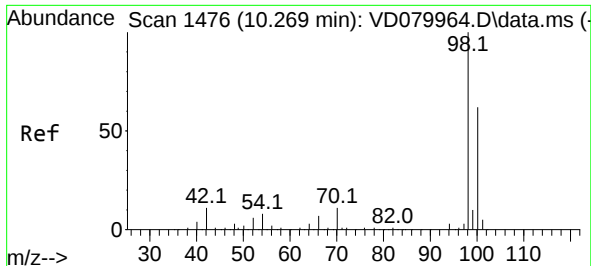
Ion Ratio Lower Upper

117 100

119 5.5 73.4 110.0#

121 0.0 24.5 36.7#

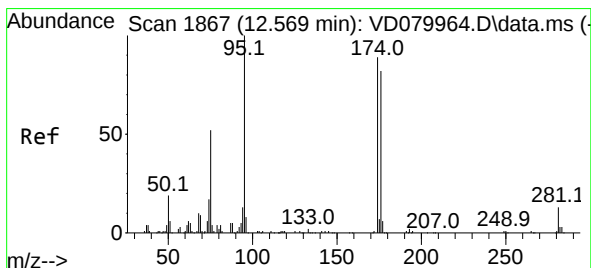
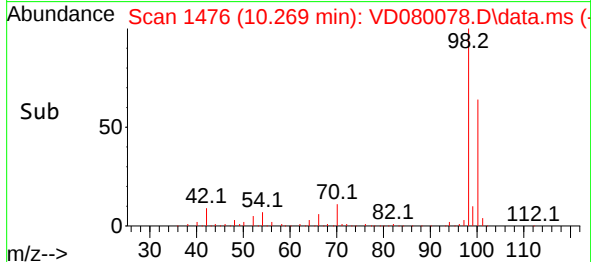
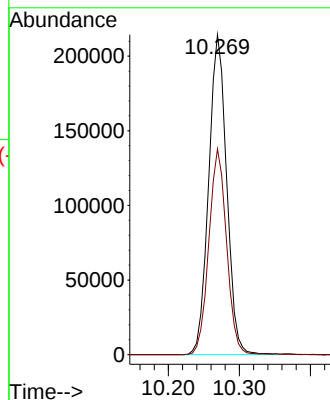
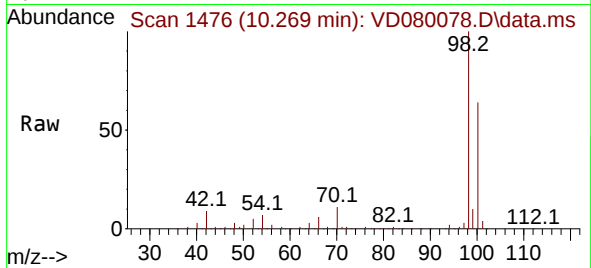




#50
Toluene-d8
Concen: 41.846 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD080078.D
Acq: 18 Nov 2024 19:22

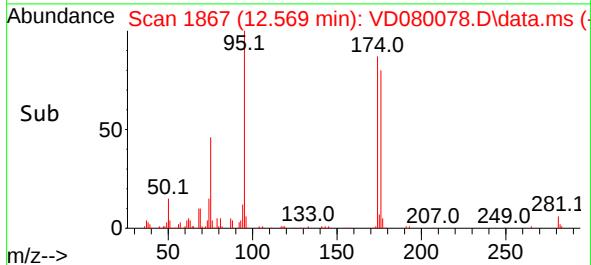
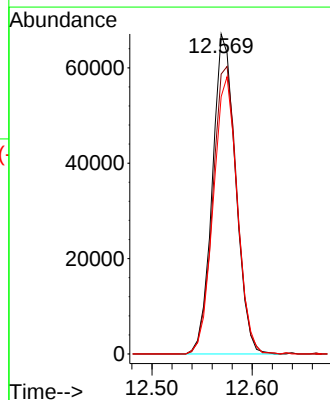
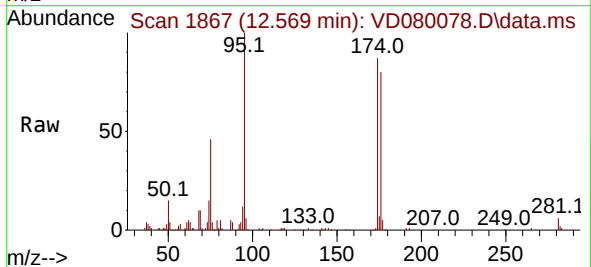
Instrument :
MSVOA_D
ClientSampleId :

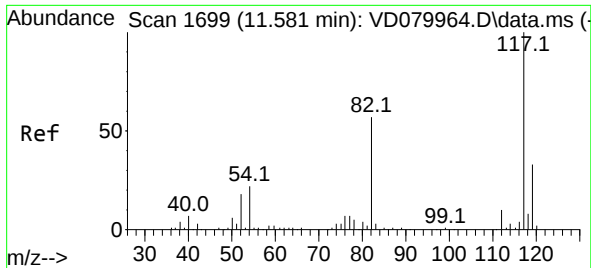
Tgt Ion: 98 Resp: 377907
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 36.330 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD080078.D
Acq: 18 Nov 2024 19:22

Tgt Ion: 95 Resp: 107643
Ion Ratio Lower Upper
95 100
174 94.3 0.0 173.4
176 89.6 0.0 166.6

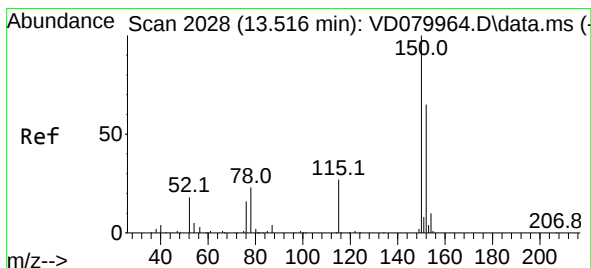
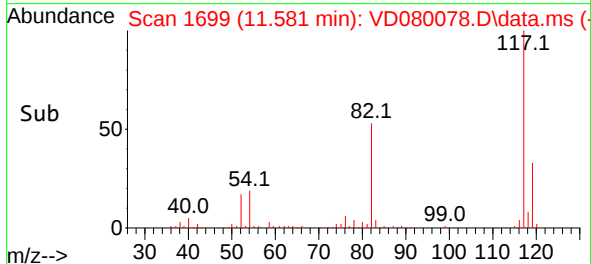
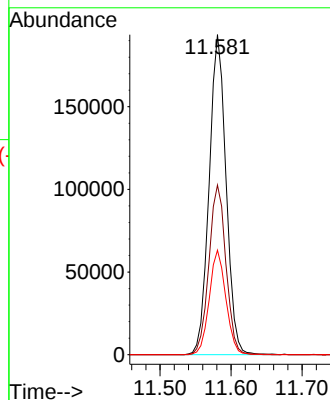
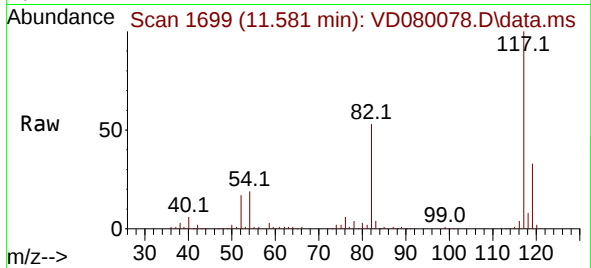




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080078.D
Acq: 18 Nov 2024 19:22

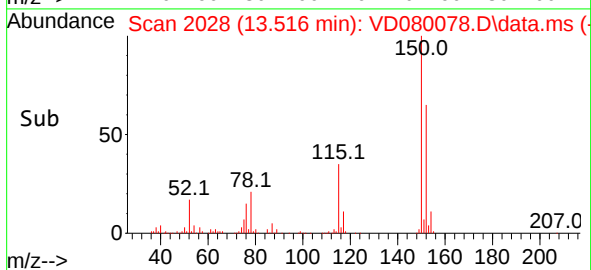
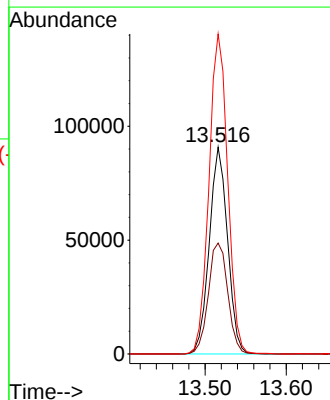
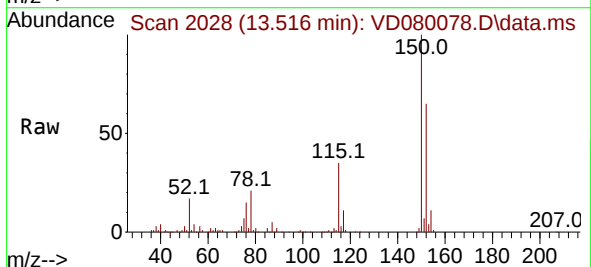
Instrument :
MSVOA_D
ClientSampleId :

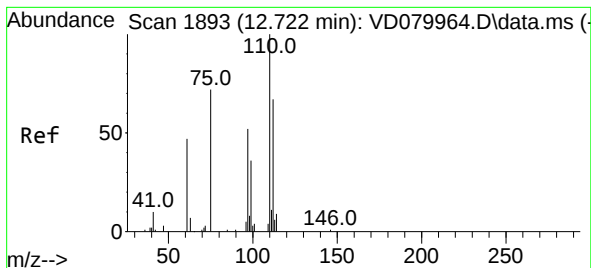
Tgt Ion:117 Resp: 320832
Ion Ratio Lower Upper
117 100
82 53.0 45.8 68.6
119 32.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD080078.D
Acq: 18 Nov 2024 19:22

Tgt Ion:152 Resp: 141967
Ion Ratio Lower Upper
152 100
115 57.0 28.9 86.8
150 158.3 0.0 354.8





#76

1,2,3-Trichloropropane

Concen: 41.560 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD080078.D

Acq: 18 Nov 2024 19:22

Instrument :

MSVOA_D

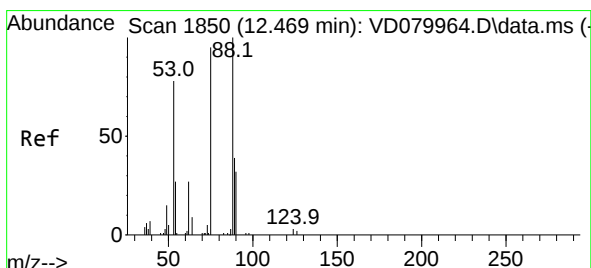
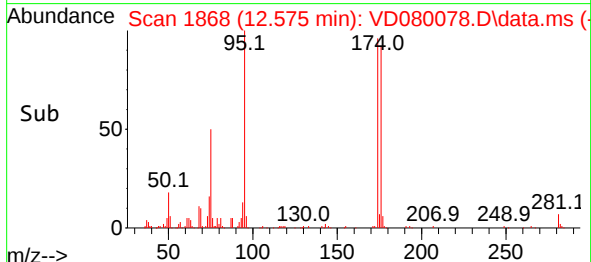
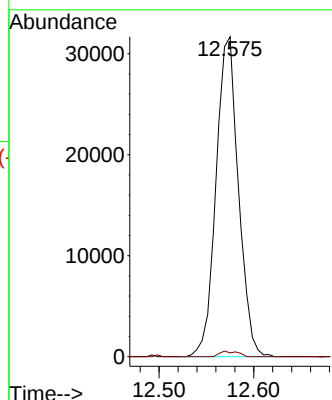
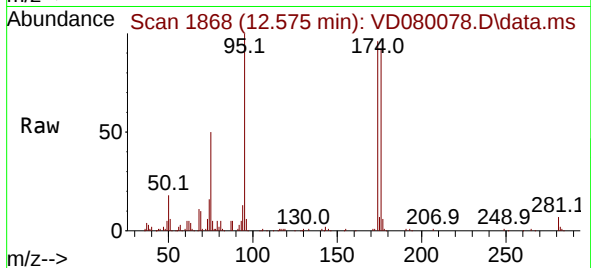
ClientSampleId :

Tgt Ion: 75 Resp: 52100

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 85.059 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.106 min

Lab File: VD080078.D

Acq: 18 Nov 2024 19:22

Tgt Ion: 75 Resp: 52100

Ion Ratio Lower Upper

75 100

53 0.0 68.7 103.1#

89 0.0 36.1 54.1#

