

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111824\
 Data File : VD080079.D
 Acq On : 18 Nov 2024 19:49
 Operator : RP/MD
 Sample : P4860-08
 Misc : 6.33G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 04:51:31 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)

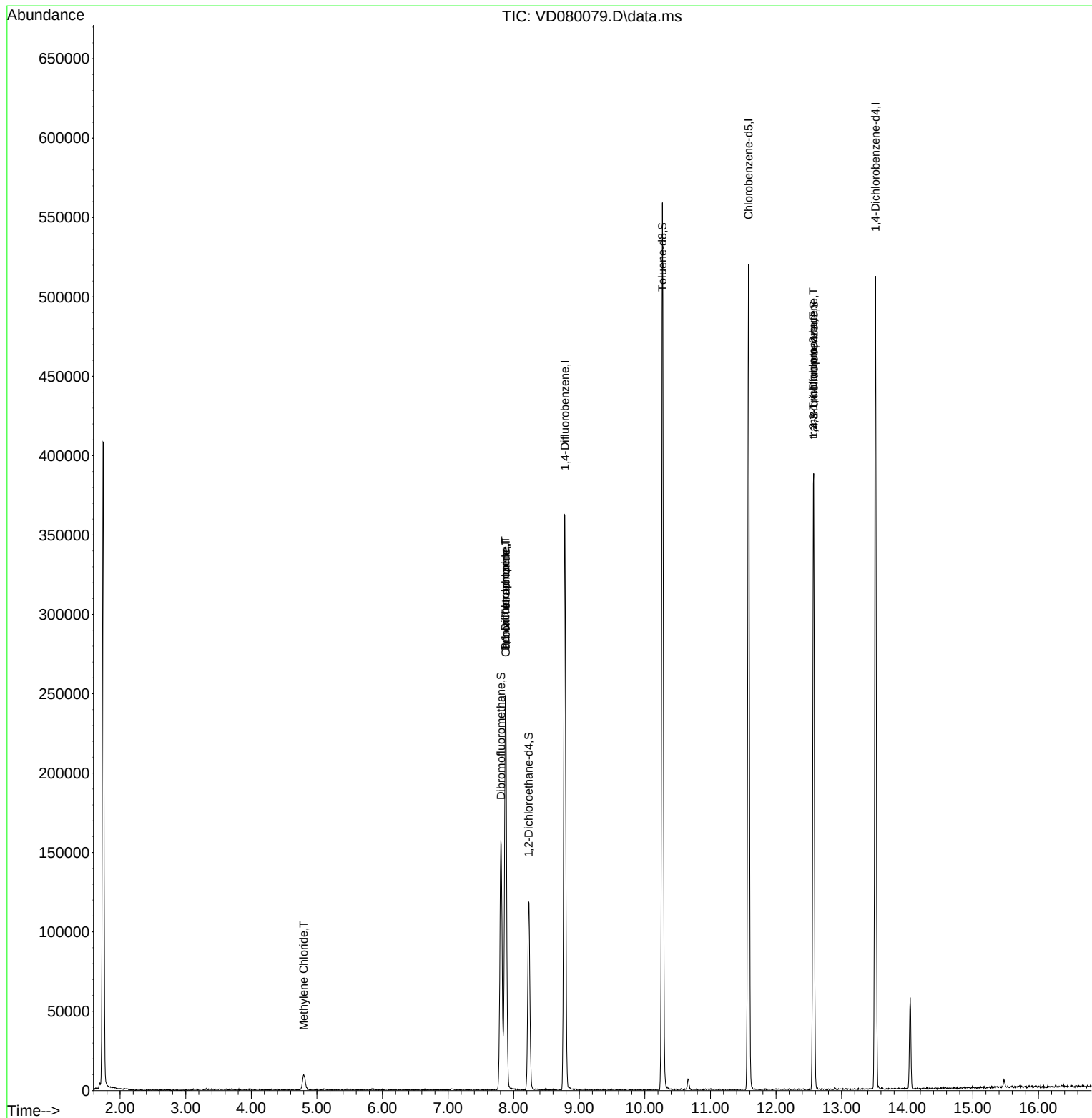
Internal Standards						
1) Pentafluorobenzene	7.875	168	216854	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	352745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	326096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	151026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	96719	43.319	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.640%
35) Dibromofluoromethane	7.810	113	115447	49.176	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.360%
50) Toluene-d8	10.269	98	399589	45.161	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.320%
62) 4-Bromofluorobenzene	12.575	95	122092	42.057	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.120%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.799	84	7949	3.060	ug/l	93
36) 1,1-Dichloropropene	7.875	75	12553	3.910	ug/l	# 49
38) Carbon Tetrachloride	7.881	117	18698	5.331	ug/l	# 17
76) 1,2,3-Trichloropropane	12.569	75	54773	41.072	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	54773	84.059	ug/l	# 15

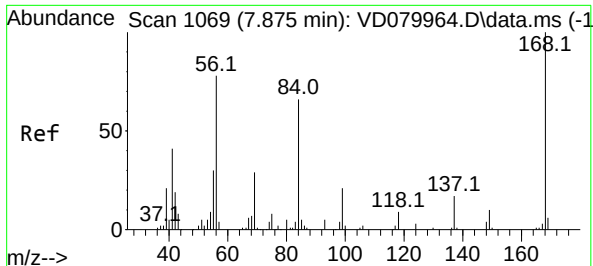
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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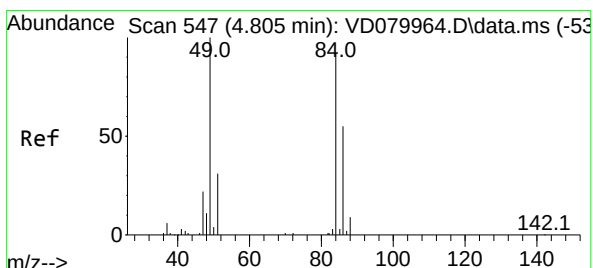
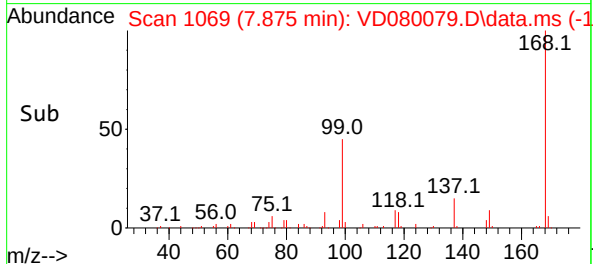
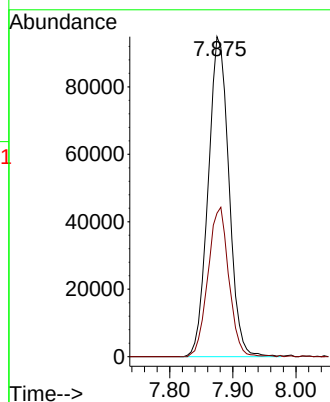
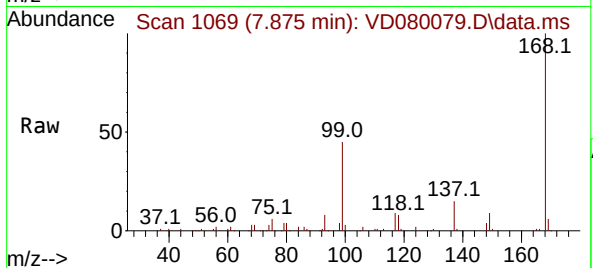




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD080079.D
Acq: 18 Nov 2024 19:49

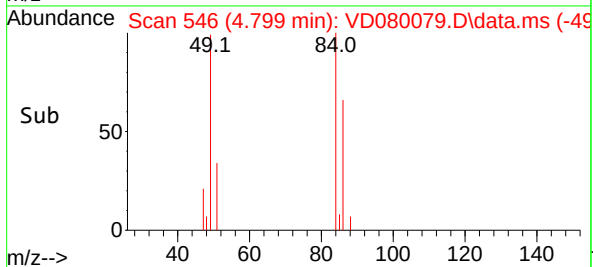
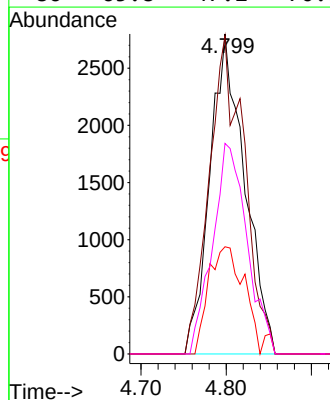
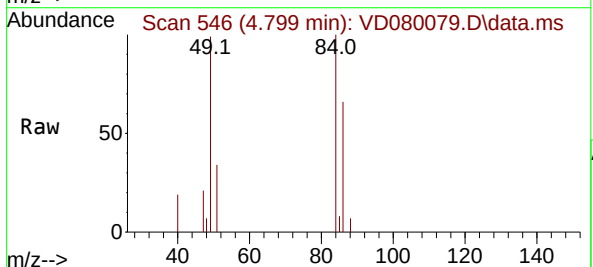
Instrument :
MSVOA_D
ClientSampleId :

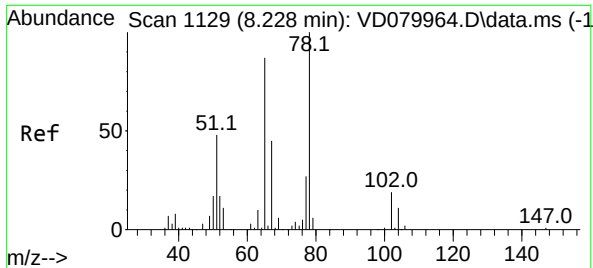
Tgt Ion:168 Resp: 216854
Ion Ratio Lower Upper
168 100
99 44.9 46.0 69.0#



#20
Methylene Chloride
Concen: 3.060 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD080079.D
Acq: 18 Nov 2024 19:49

Tgt Ion: 84 Resp: 7949
Ion Ratio Lower Upper
84 100
49 99.3 86.5 129.7
51 33.5 26.9 40.3
86 65.8 47.2 70.8

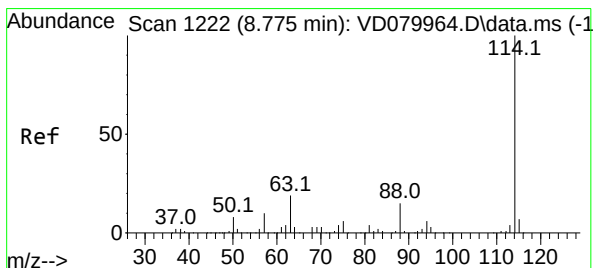
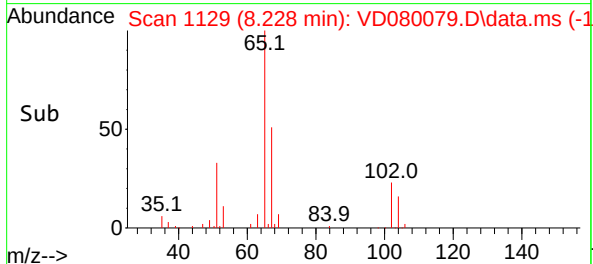
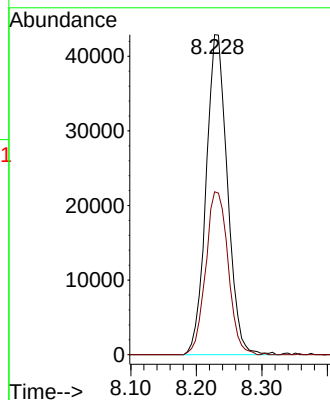
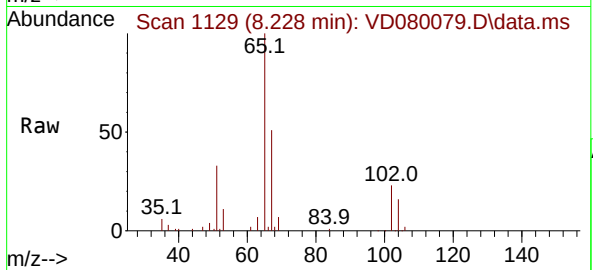




#33
 1,2-Dichloroethane-d4
 Concen: 43.319 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VD080079.D
 Acq: 18 Nov 2024 19:49

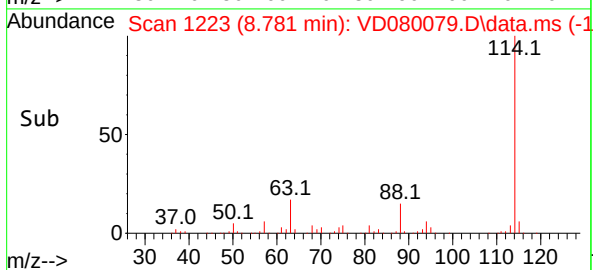
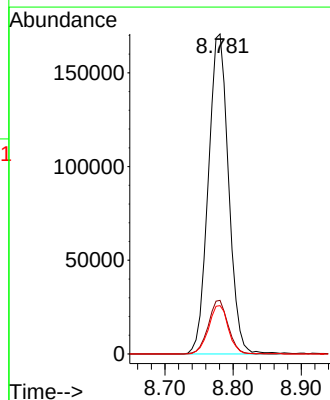
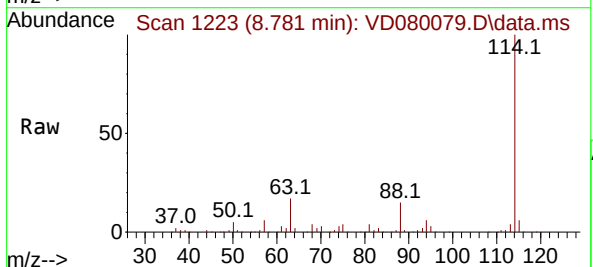
Instrument :
 MSVOA_D
 ClientSampleId :

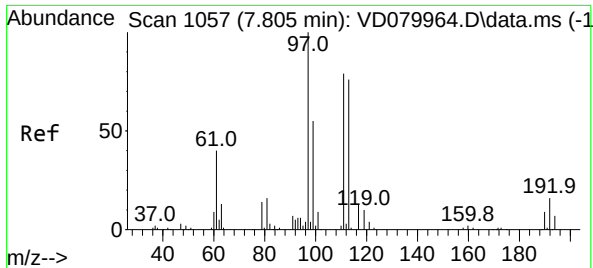
Tgt Ion: 65 Resp: 96719
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: VD080079.D
 Acq: 18 Nov 2024 19:49

Tgt Ion: 114 Resp: 352745
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 38.8
 88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.176 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD080079.D

Acq: 18 Nov 2024 19:49

Instrument :

MSVOA_D

ClientSampleId :

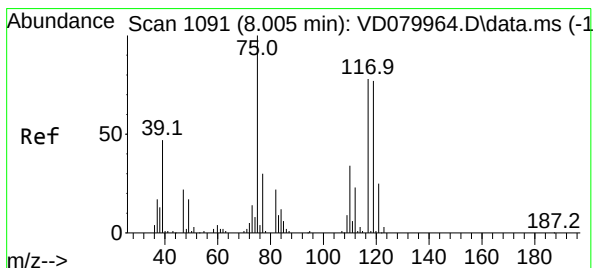
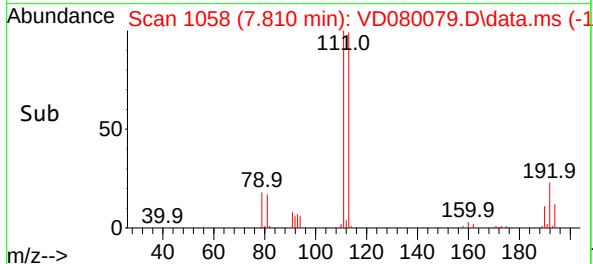
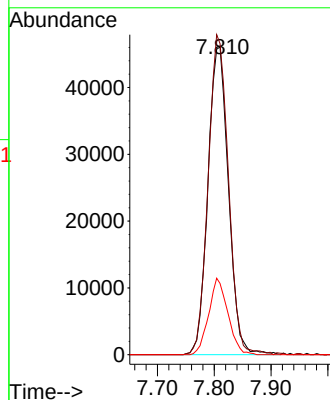
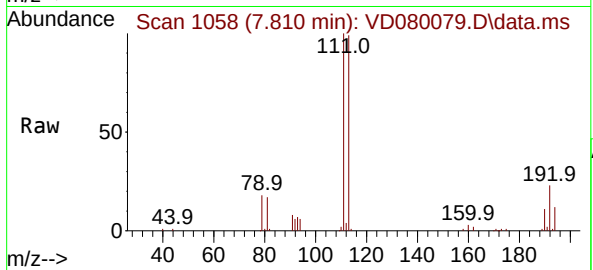
Tgt Ion:113 Resp: 115447

Ion Ratio Lower Upper

113 100

111 102.5 82.5 123.7

192 23.3 16.6 25.0



#36

1,1-Dichloropropene

Concen: 3.910 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD080079.D

Acq: 18 Nov 2024 19:49

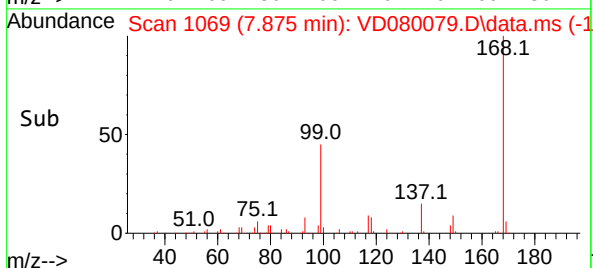
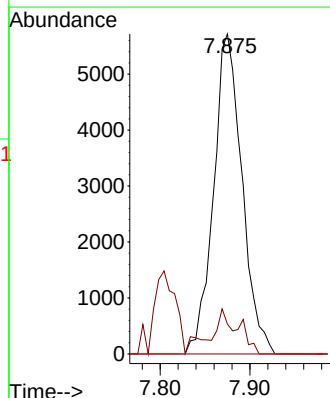
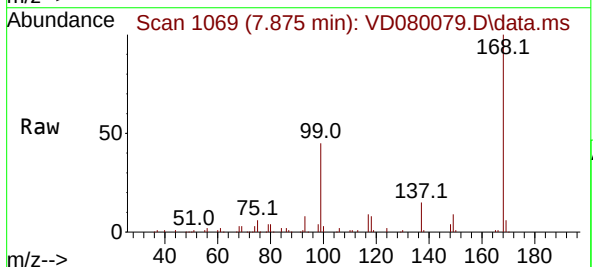
Tgt Ion: 75 Resp: 12553

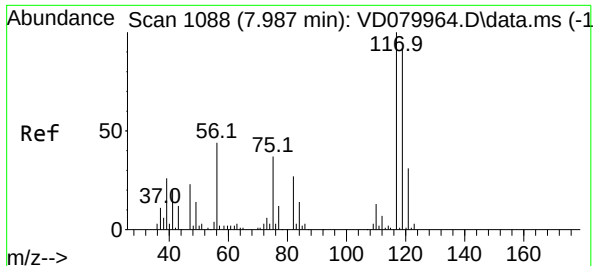
Ion Ratio Lower Upper

75 100

110 10.1 18.4 55.0#

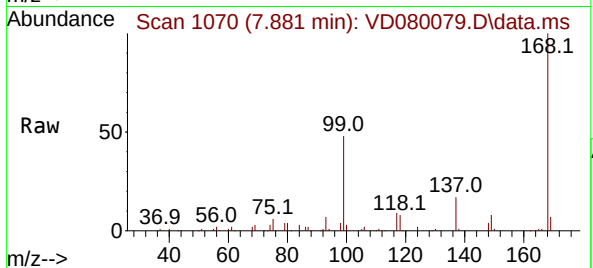
77 0.0 25.6 38.4#



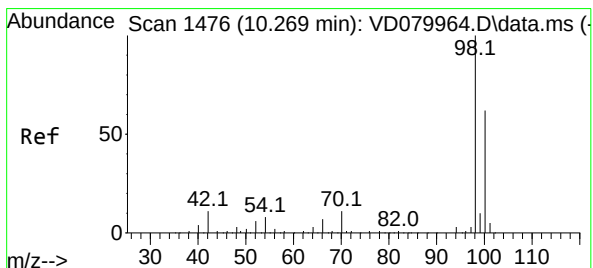
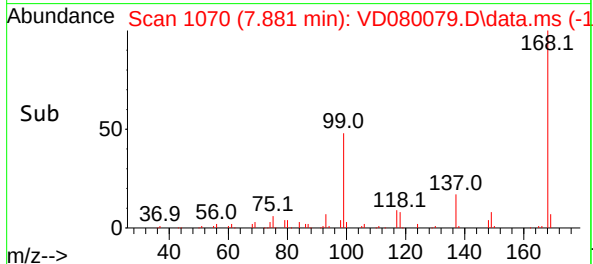
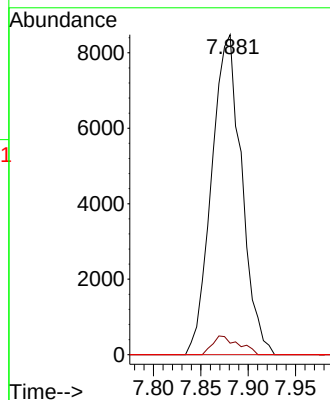


#38
Carbon Tetrachloride
Concen: 5.331 ug/l
RT: 7.881 min Scan# 1088
Delta R.T. -0.106 min
Lab File: VD080079.D
Acq: 18 Nov 2024 19:49

Instrument :
MSVOA_D
ClientSampleId :

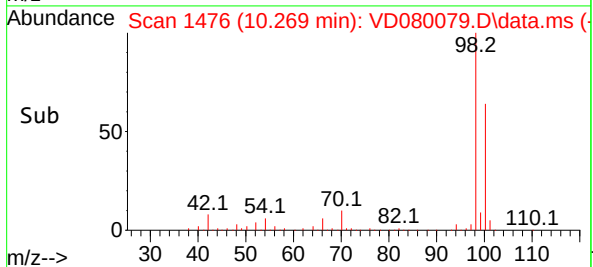
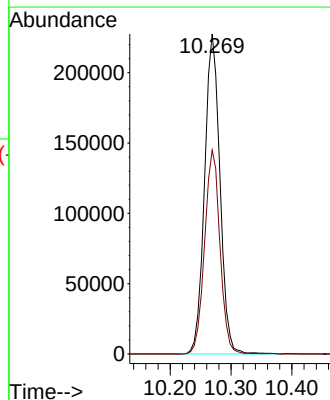
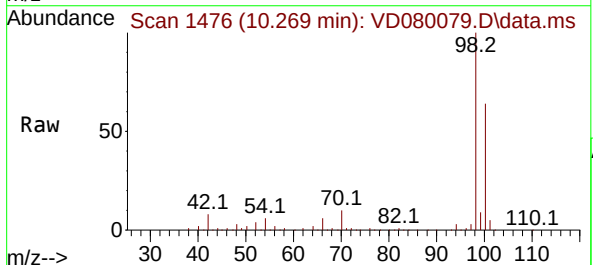


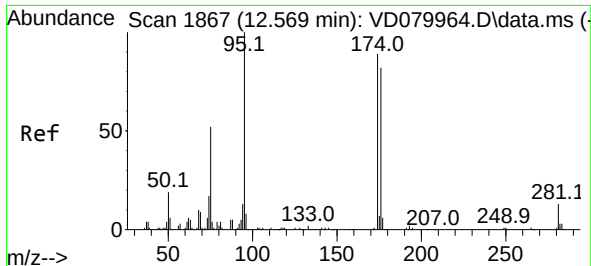
Tgt Ion:117 Resp: 18698
Ion Ratio Lower Upper
117 100
119 3.6 73.4 110.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 45.161 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD080079.D
Acq: 18 Nov 2024 19:49

Tgt Ion: 98 Resp: 399589
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.4

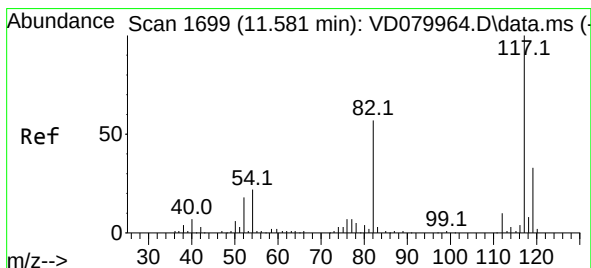
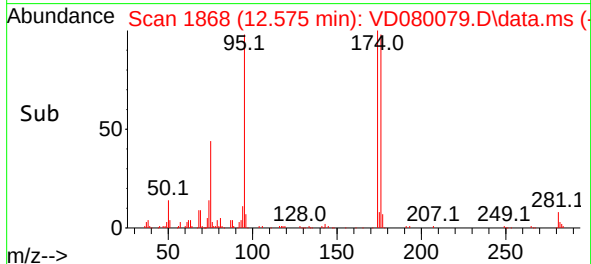
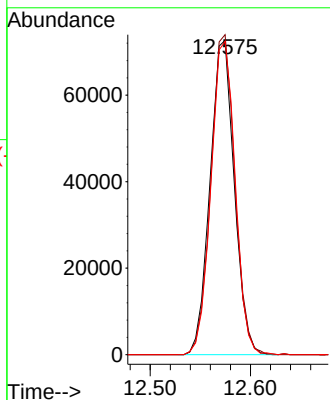
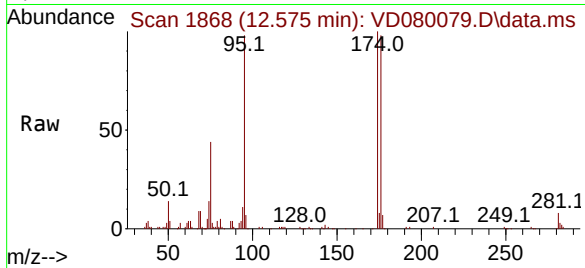




#62
4-Bromofluorobenzene
Concen: 42.057 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD080079.D
Acq: 18 Nov 2024 19:49

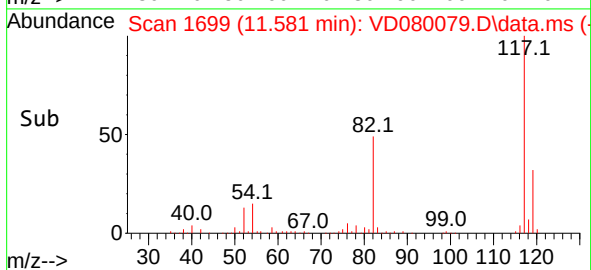
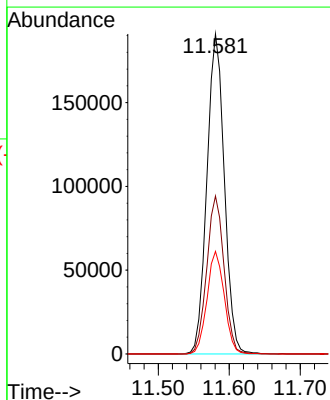
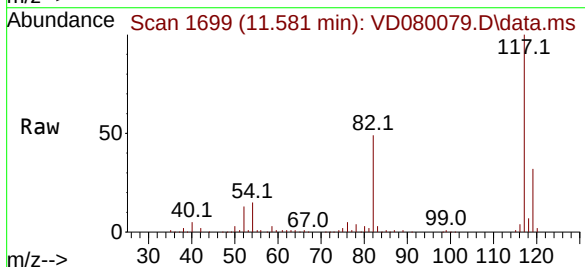
Instrument :
MSVOA_D
ClientSampleId :

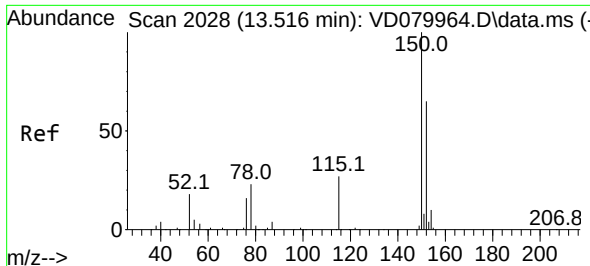
Tgt Ion: 95 Resp: 122092
Ion Ratio Lower Upper
95 100
174 100.7 0.0 173.4
176 99.1 0.0 166.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD080079.D
Acq: 18 Nov 2024 19:49

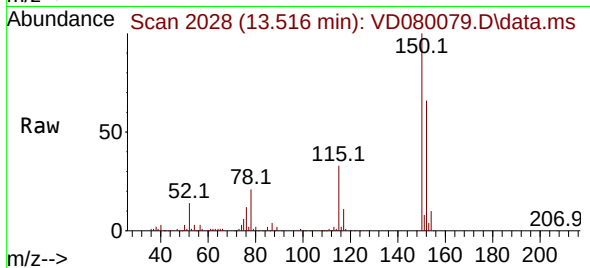
Tgt Ion: 117 Resp: 326096
Ion Ratio Lower Upper
117 100
82 49.3 45.8 68.6
119 32.1 26.2 39.2



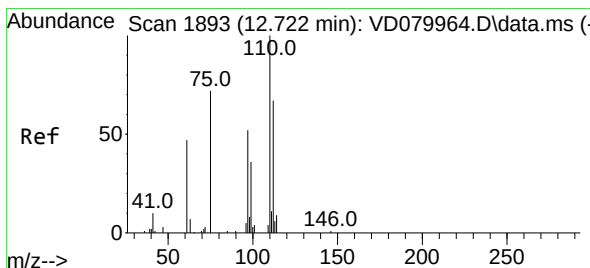
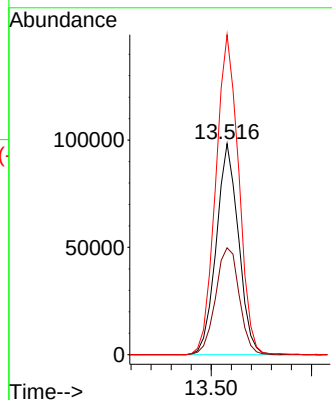
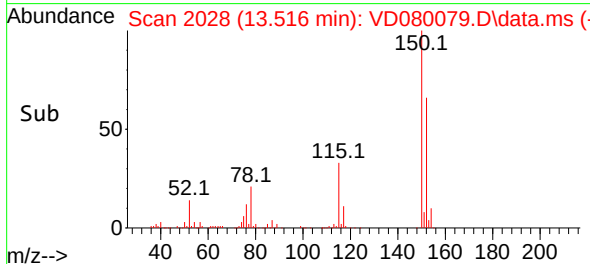


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD080079.D
 Acq: 18 Nov 2024 19:49

Instrument :
 MSVOA_D
 ClientSampleId :

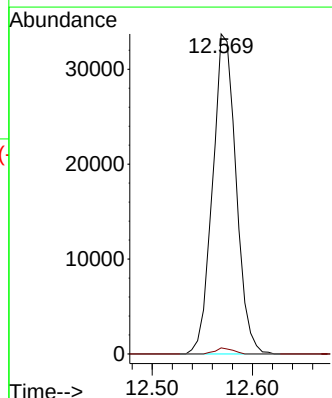
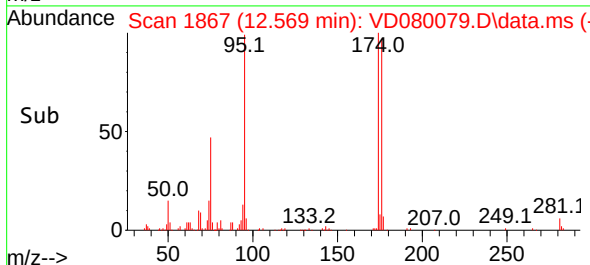
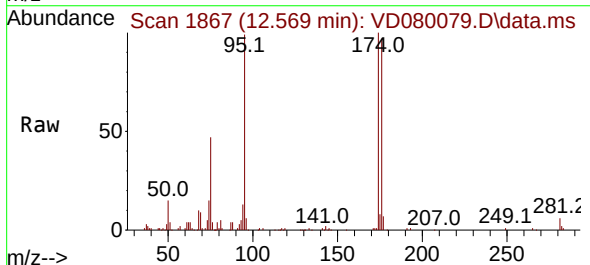


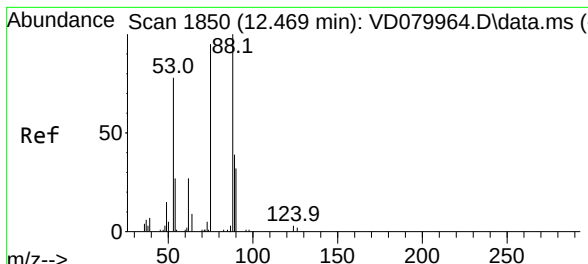
Tgt Ion:152 Resp: 151026
 Ion Ratio Lower Upper
 152 100
 115 54.1 28.9 86.8
 150 156.4 0.0 354.8



#76
 1,2,3-Trichloropropane
 Concen: 41.072 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD080079.D
 Acq: 18 Nov 2024 19:49

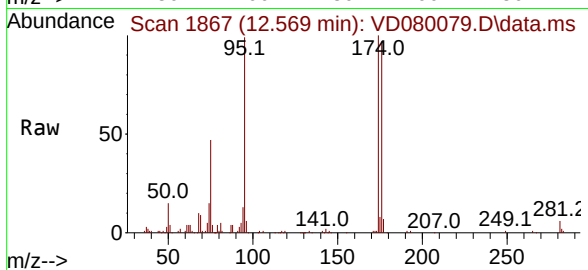
Tgt Ion: 75 Resp: 54773
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 84.059 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD080079.D
Acq: 18 Nov 2024 19:49

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 54773
Ion Ratio Lower Upper
75 100
53 0.0 68.7 103.1#
89 0.3 36.1 54.1#

