

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111824\
 Data File : VD080072.D
 Acq On : 18 Nov 2024 16:39
 Operator : RP/MD
 Sample : P4860-01
 Misc : 6.22G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 04:48:52 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)

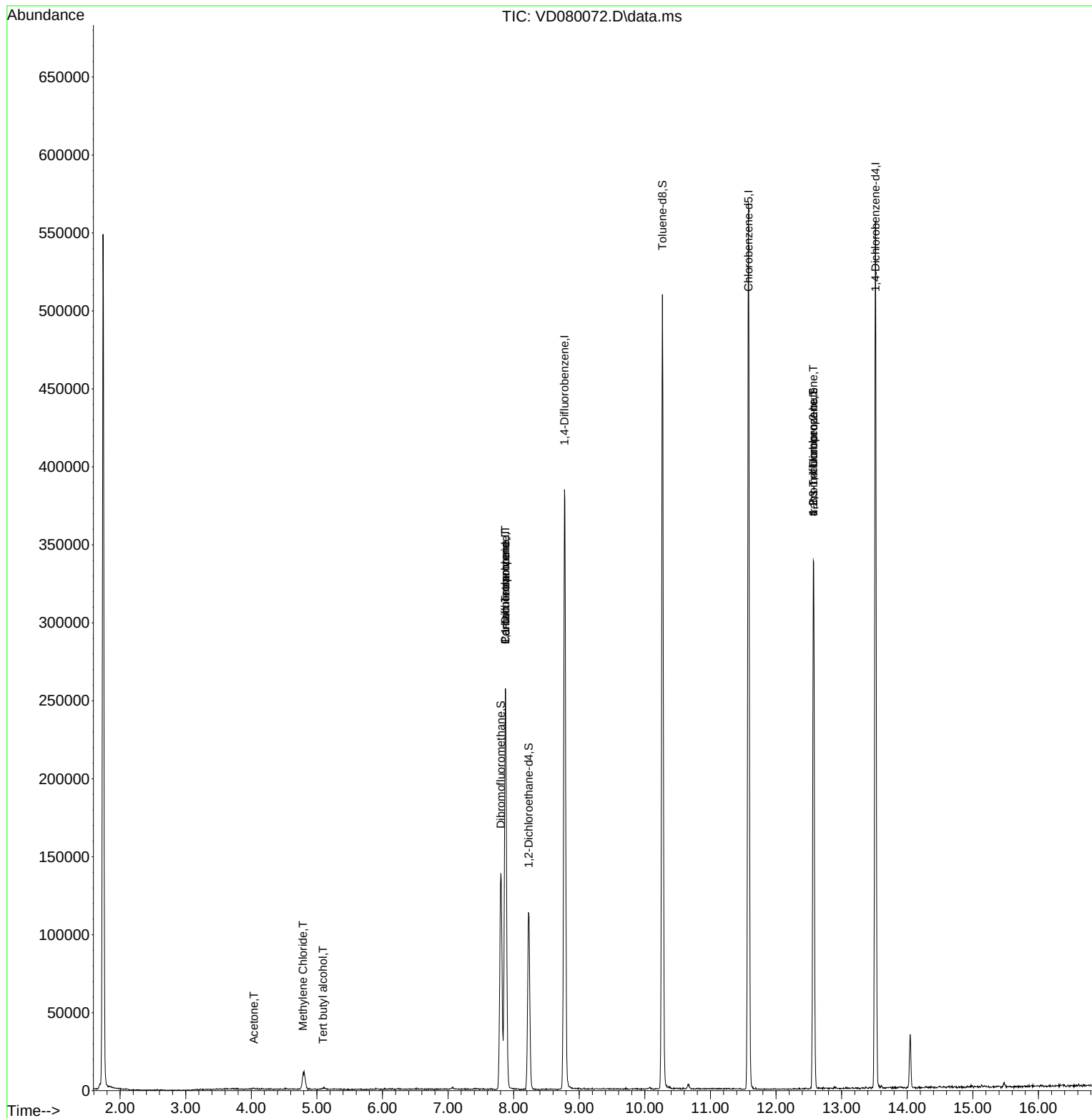
Internal Standards						
1) Pentafluorobenzene	7.875	168	213473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	350981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	340318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	150840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	92578	42.121	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.240%		
35) Dibromofluoromethane	7.804	113	102719	43.974	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.940%		
50) Toluene-d8	10.269	98	353984	40.207	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	80.420%		
62) 4-Bromofluorobenzene	12.569	95	107786	37.316	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	74.640%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.093	59	121	1.058	ug/l #	82
16) Acetone	4.040	43	842	1.766	ug/l #	82
20) Methylene Chloride	4.787	84	9098	3.557	ug/l #	81
36) 1,1-Dichloropropene	7.875	75	15248	4.774	ug/l #	48
38) Carbon Tetrachloride	7.875	117	19948	5.716	ug/l #	17
76) 1,2,3-Trichloropropane	12.569	75	52813	39.651	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	52813	81.151	ug/l #	15

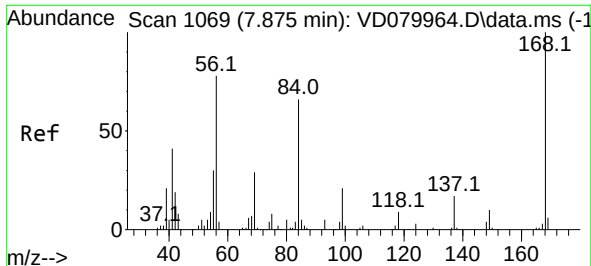
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

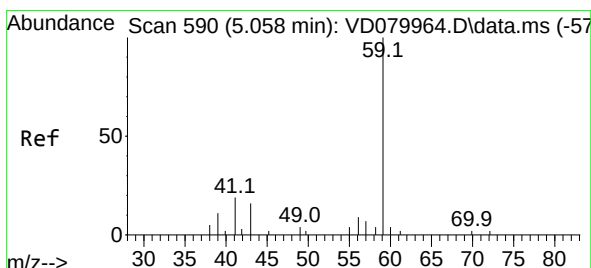
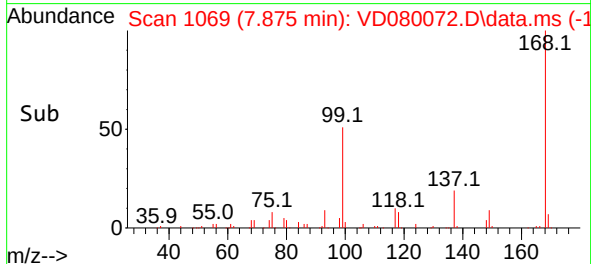
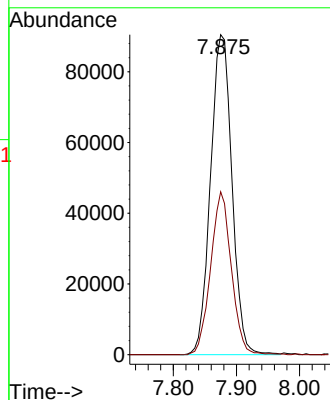
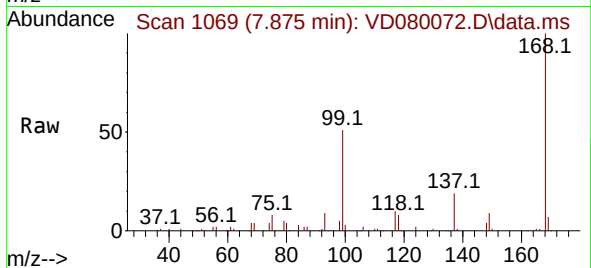




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD080072.D
Acq: 18 Nov 2024 16:39

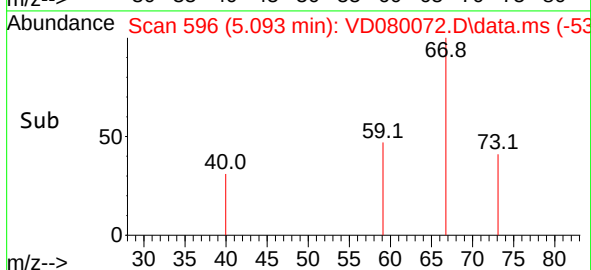
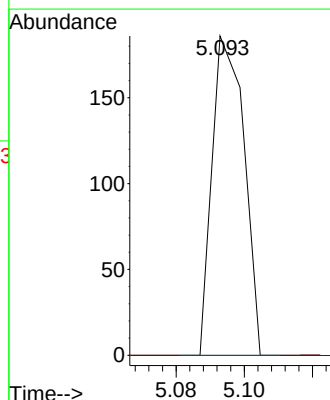
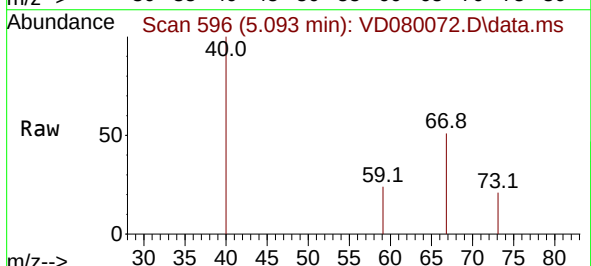
Instrument :
MSVOA_D
ClientSampleId :

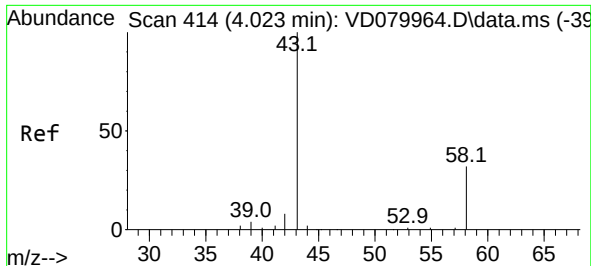
Tgt Ion:168 Resp: 213473
Ion Ratio Lower Upper
168 100
99 50.9 46.0 69.0



#11
Tert butyl alcohol
Concen: 1.058 ug/l
RT: 5.093 min Scan# 596
Delta R.T. 0.035 min
Lab File: VD080072.D
Acq: 18 Nov 2024 16:39

Tgt Ion: 59 Resp: 121
Ion Ratio Lower Upper
59 100
57 0.0 4.8 7.2#

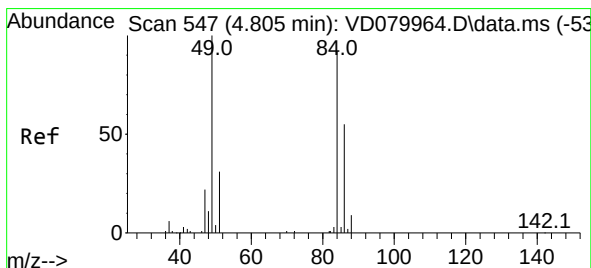
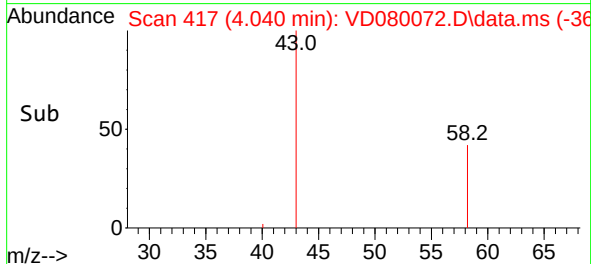
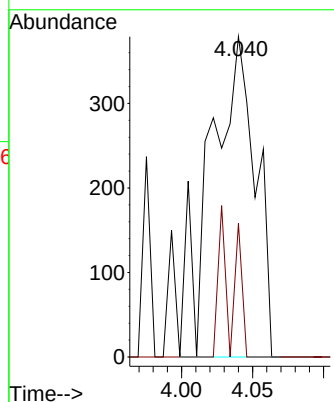
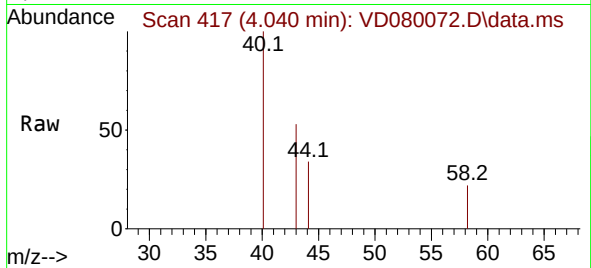




#16
Acetone
Concen: 1.766 ug/l
RT: 4.040 min Scan# 41
Delta R.T. 0.017 min
Lab File: VD080072.D
Acq: 18 Nov 2024 16:39

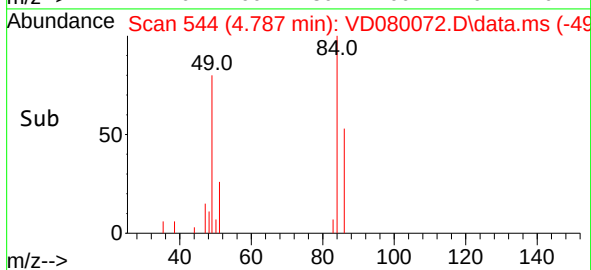
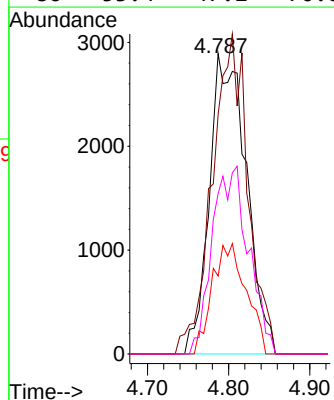
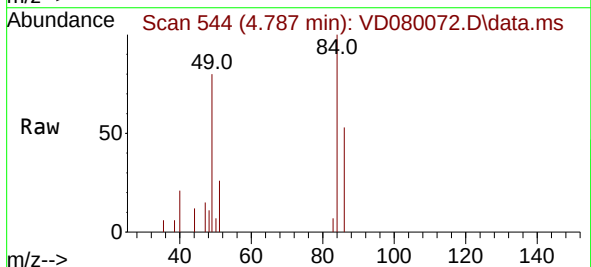
Instrument :
MSVOA_D
ClientSampleId :

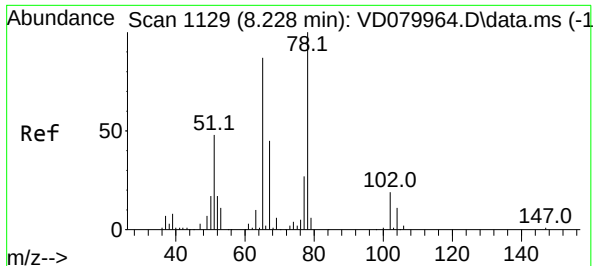
Tgt Ion: 43 Resp: 842
Ion Ratio Lower Upper
43 100
58 41.7 25.4 38.2#



#20
Methylene Chloride
Concen: 3.557 ug/l
RT: 4.787 min Scan# 544
Delta R.T. -0.018 min
Lab File: VD080072.D
Acq: 18 Nov 2024 16:39

Tgt Ion: 84 Resp: 9098
Ion Ratio Lower Upper
84 100
49 79.8 86.5 129.7#
51 25.9 26.9 40.3#
86 53.4 47.2 70.8





#33

1,2-Dichloroethane-d4

Concen: 42.121 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD080072.D

Acq: 18 Nov 2024 16:39

Instrument :

MSVOA_D

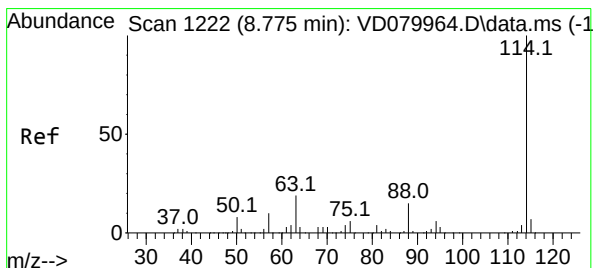
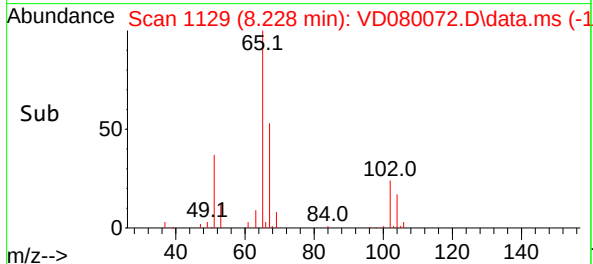
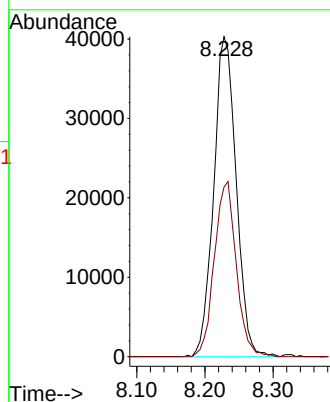
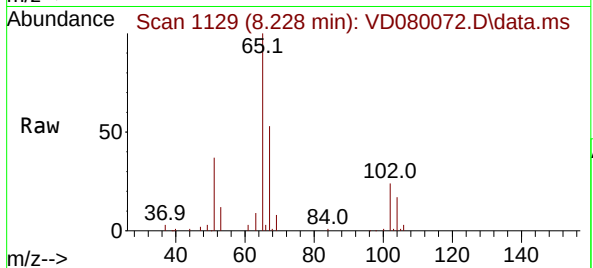
ClientSampleId :

Tgt Ion: 65 Resp: 92578

Ion Ratio Lower Upper

65 100

67 53.3 0.0 109.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD080072.D

Acq: 18 Nov 2024 16:39

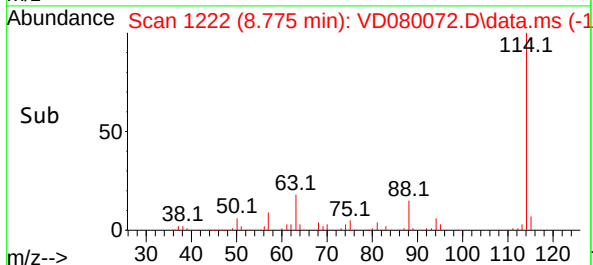
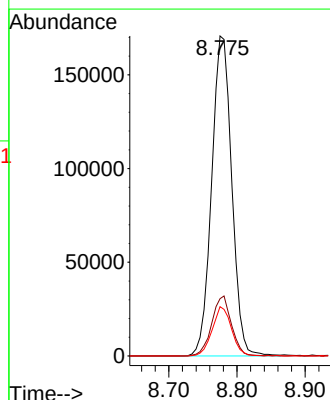
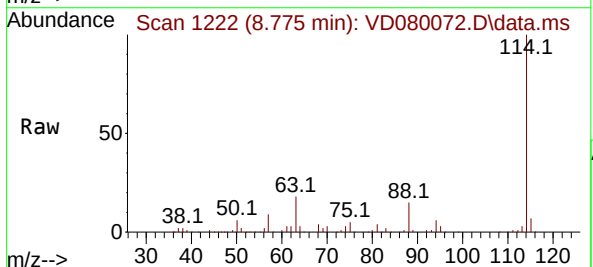
Tgt Ion: 114 Resp: 350981

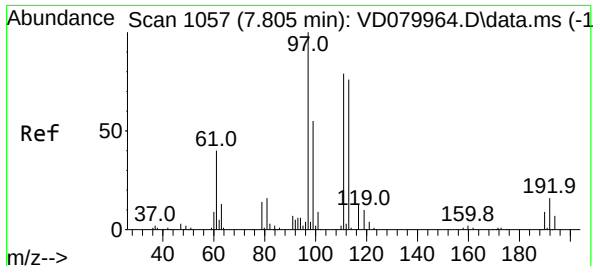
Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.8

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 43.974 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD080072.D

Acq: 18 Nov 2024 16:39

Instrument :

MSVOA_D

ClientSampleId :

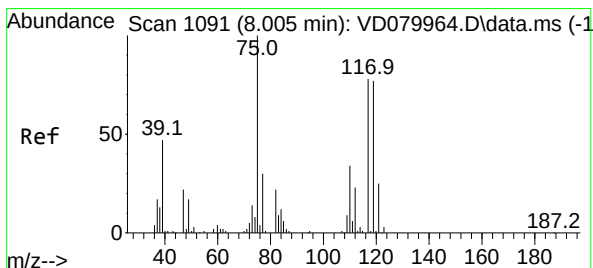
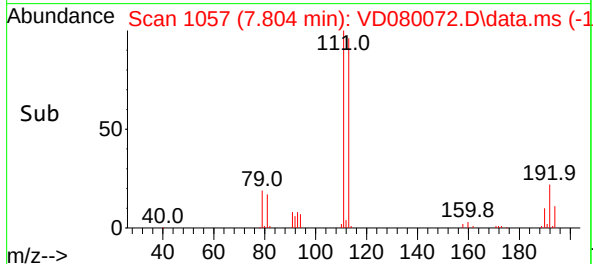
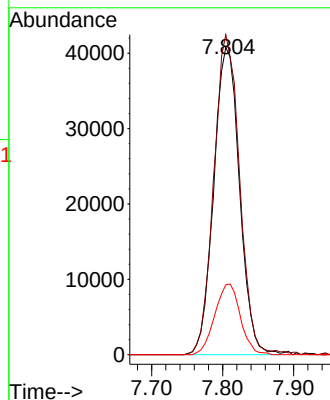
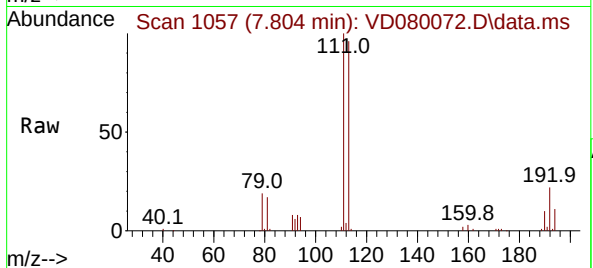
Tgt Ion:113 Resp: 102719

Ion Ratio Lower Upper

113 100

111 104.3 82.5 123.7

192 22.8 16.6 25.0



#36

1,1-Dichloropropene

Concen: 4.774 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD080072.D

Acq: 18 Nov 2024 16:39

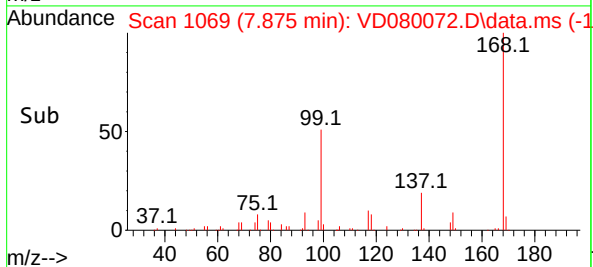
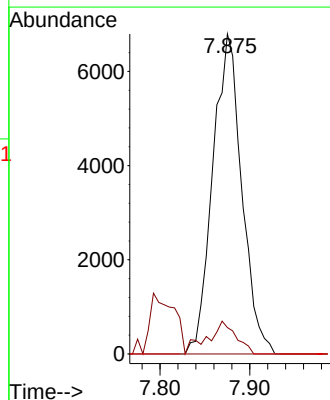
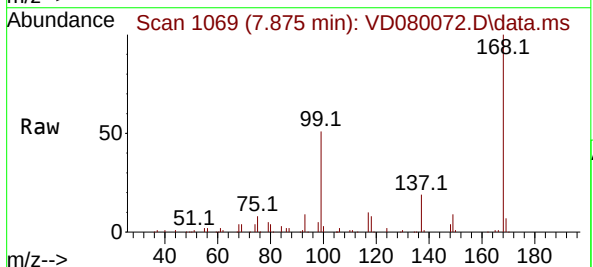
Tgt Ion: 75 Resp: 15248

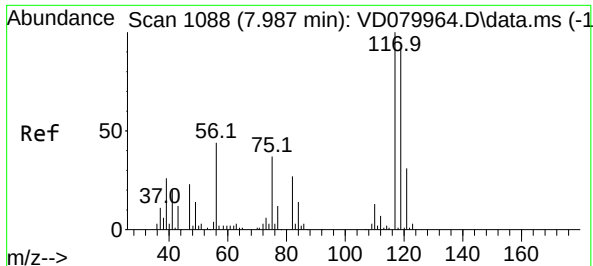
Ion Ratio Lower Upper

75 100

110 8.2 18.4 55.0#

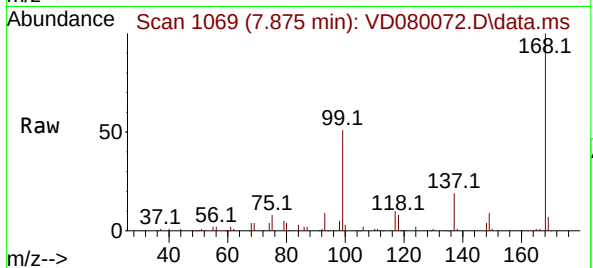
77 0.0 25.6 38.4#



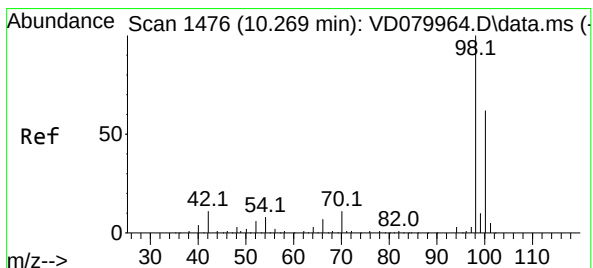
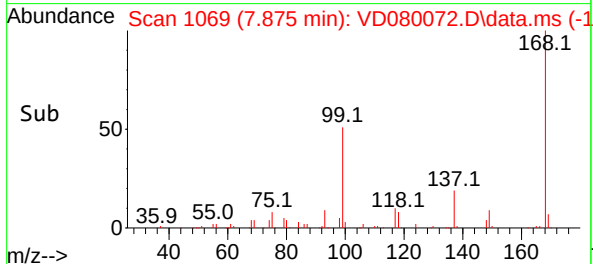
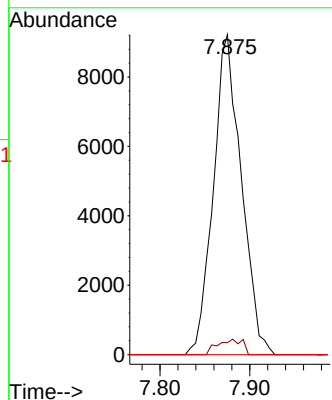


#38
Carbon Tetrachloride
Concen: 5.716 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD080072.D
Acq: 18 Nov 2024 16:39

Instrument :
MSVOA_D
ClientSampleId :

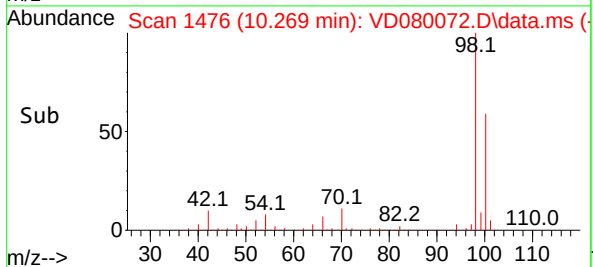
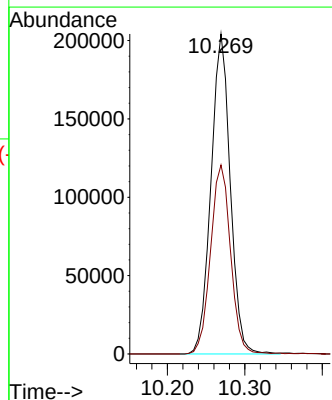
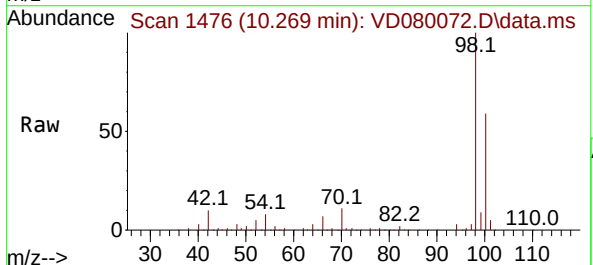


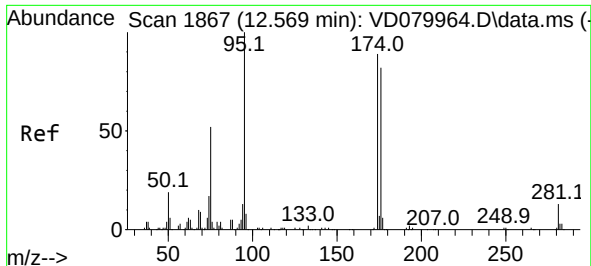
Tgt Ion:117 Resp: 19948
Ion Ratio Lower Upper
117 100
119 3.7 73.4 110.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 40.207 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD080072.D
Acq: 18 Nov 2024 16:39

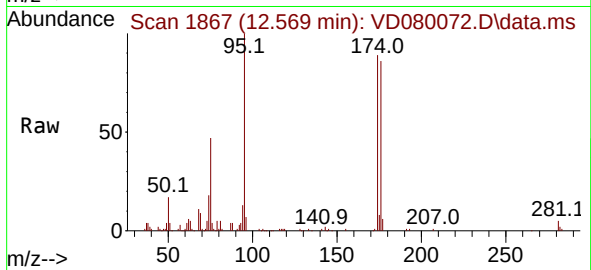
Tgt Ion: 98 Resp: 353984
Ion Ratio Lower Upper
98 100
100 61.3 50.2 75.4



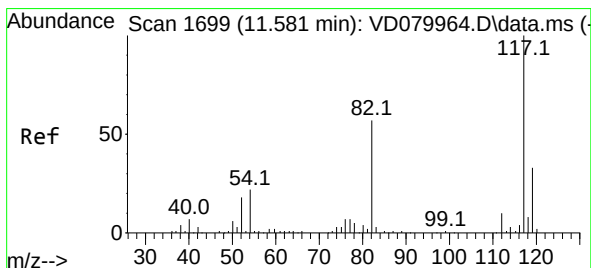
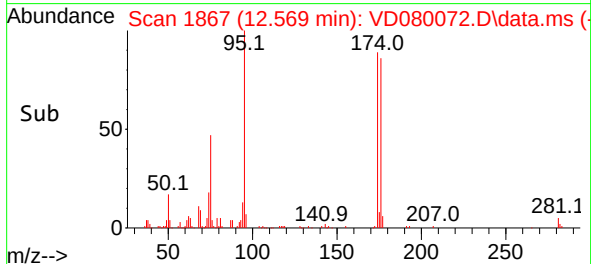
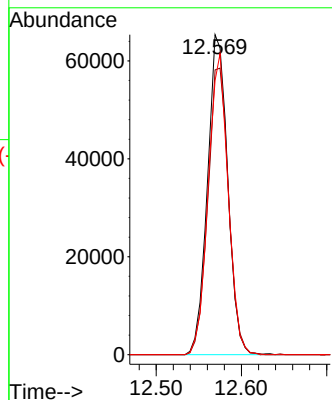


#62
4-Bromofluorobenzene
Concen: 37.316 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD080072.D
Acq: 18 Nov 2024 16:39

Instrument :
MSVOA_D
ClientSampleId :

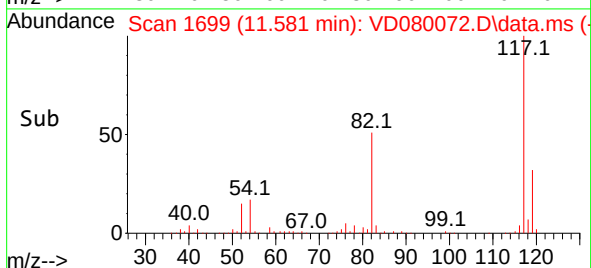
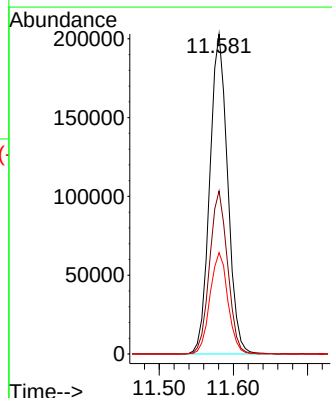
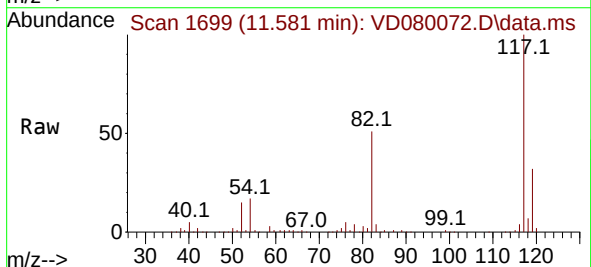


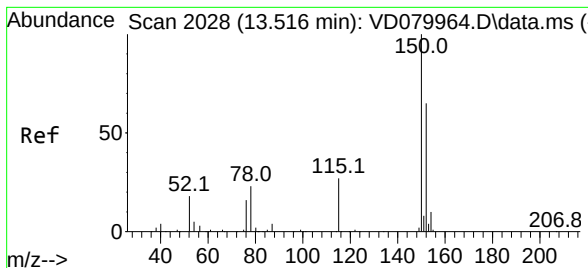
Tgt Ion: 95 Resp: 107786
Ion Ratio Lower Upper
95 100
174 92.2 0.0 173.4
176 92.6 0.0 166.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD080072.D
Acq: 18 Nov 2024 16:39

Tgt Ion: 117 Resp: 340318
Ion Ratio Lower Upper
117 100
82 50.9 45.8 68.6
119 31.6 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: VD080072.D

Acq: 18 Nov 2024 16:39

Instrument :

MSVOA_D

ClientSampleId :

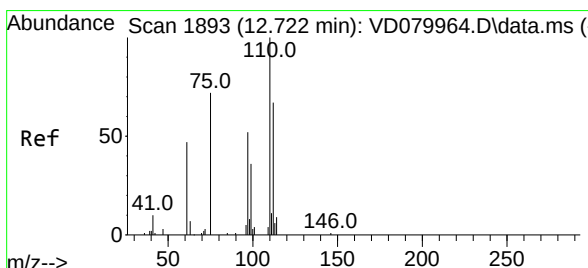
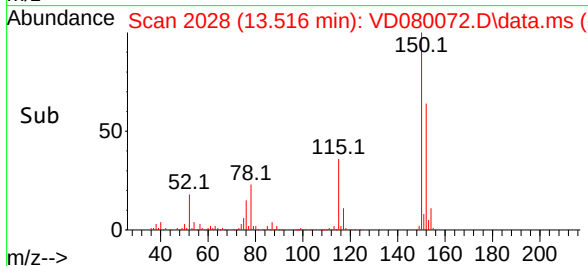
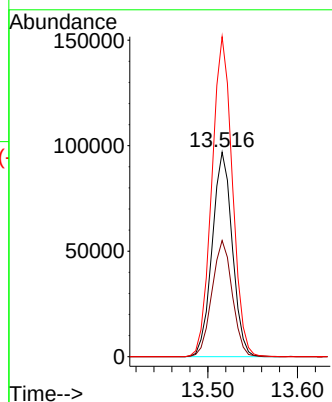
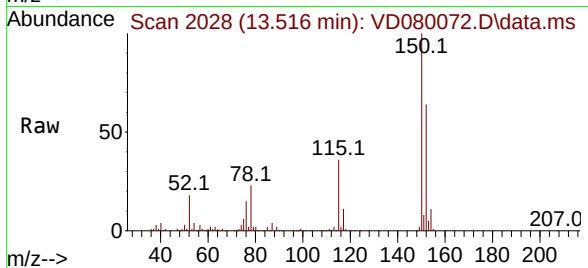
Tgt Ion:152 Resp: 150840

Ion Ratio Lower Upper

152 100

115 57.4 28.9 86.8

150 159.9 0.0 354.8



#76

1,2,3-Trichloropropane

Concen: 39.651 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD080072.D

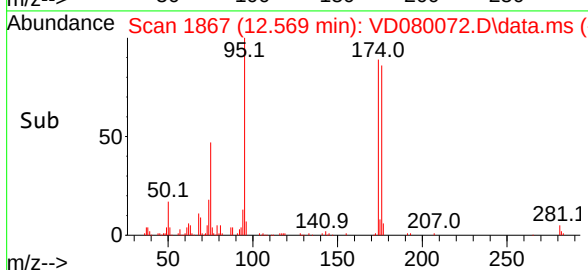
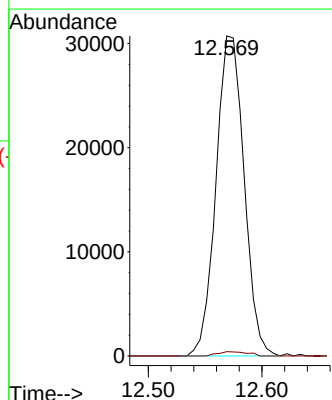
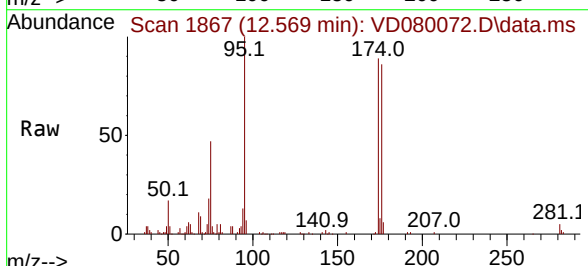
Acq: 18 Nov 2024 16:39

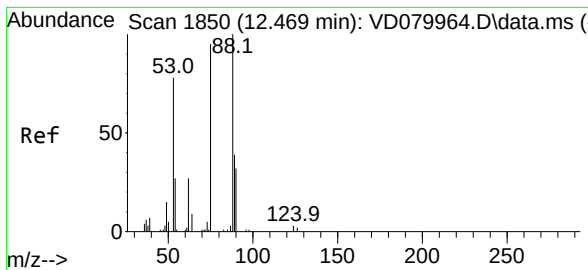
Tgt Ion: 75 Resp: 52813

Ion Ratio Lower Upper

75 100

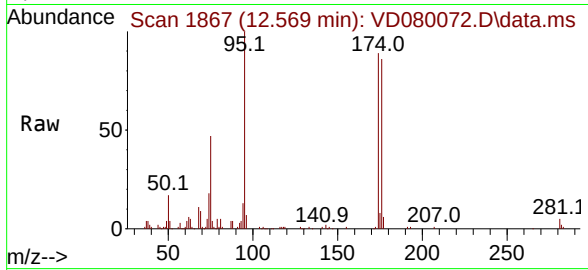
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 81.151 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD080072.D
Acq: 18 Nov 2024 16:39

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.7	103.1#
89	0.1	36.1	54.1#

