

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111824\
 Data File : VD080076.D
 Acq On : 18 Nov 2024 18:28
 Operator : RP/MD
 Sample : P4860-05
 Misc : 6.25G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 04:50:23 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)

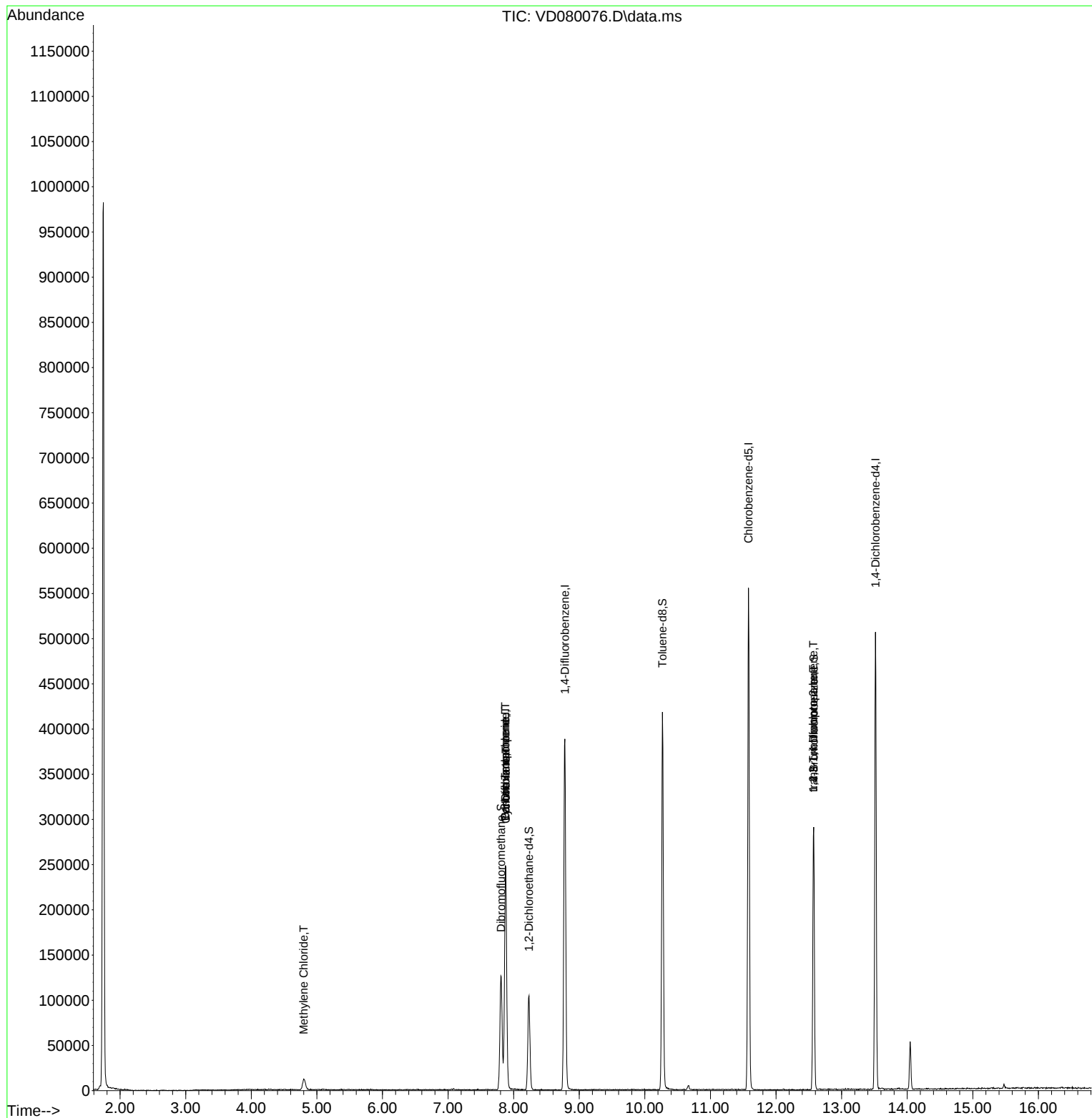
Internal Standards						
1) Pentafluorobenzene	7.875	168	200921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.780	114	364222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	324341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	143861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.233	65	84226	40.715	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.420%
35) Dibromofluoromethane	7.810	113	91562	37.773	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.540%
50) Toluene-d8	10.269	98	290784	31.828	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	63.660%
62) 4-Bromofluorobenzene	12.574	95	91664	30.581	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	61.160%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.798	84	9674	4.019	ug/l	94
31) Cyclohexane	7.881	56	3727	1.106	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	14442	4.357	ug/l #	48
38) Carbon Tetrachloride	7.875	117	18814	5.195	ug/l #	18
76) 1,2,3-Trichloropropane	12.569	75	43155	33.972	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	43155	69.528	ug/l #	15

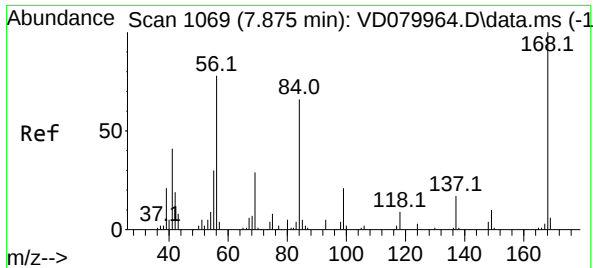
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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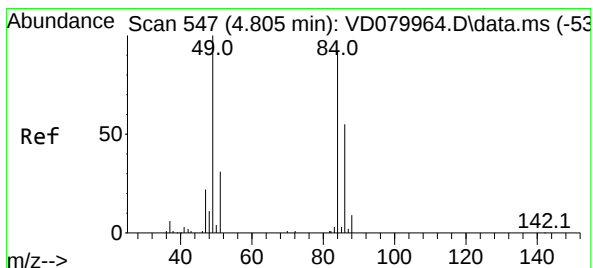
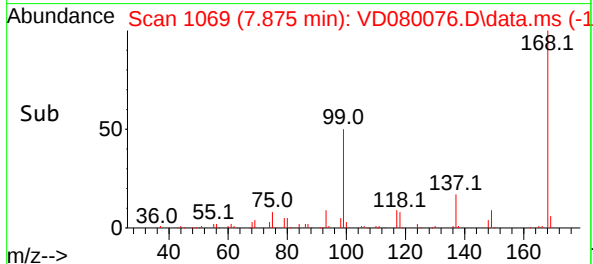
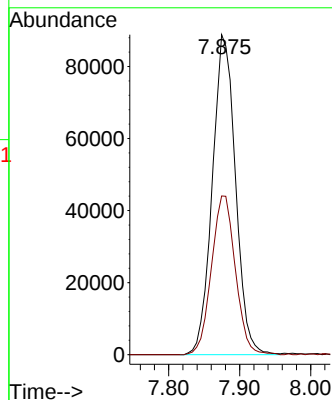
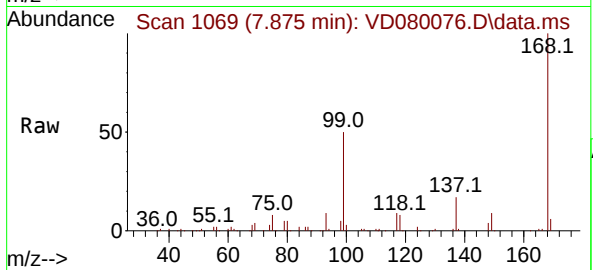




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD080076.D
Acq: 18 Nov 2024 18:28

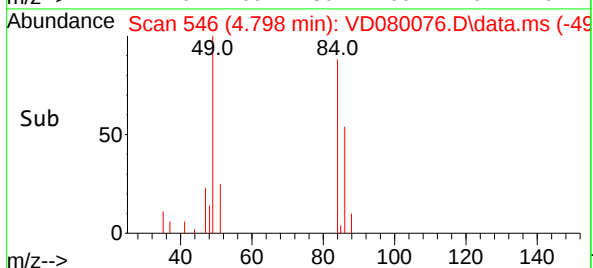
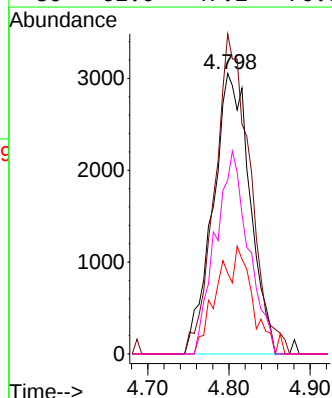
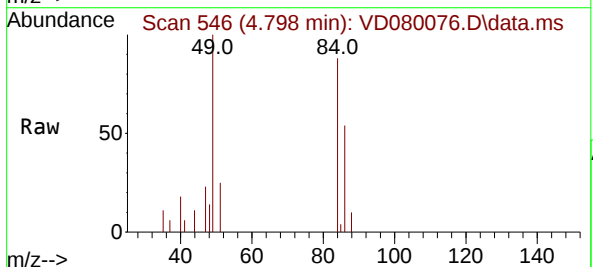
Instrument :
MSVOA_D
ClientSampleId :

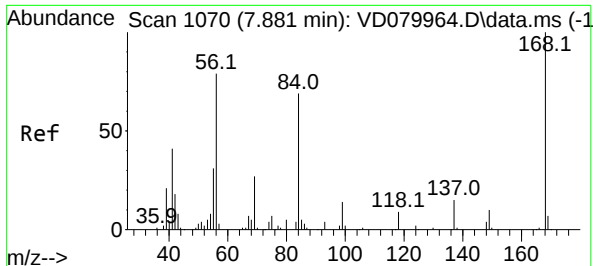
Tgt Ion:168 Resp: 200921
Ion Ratio Lower Upper
168 100
99 49.6 46.0 69.0



#20
Methylene Chloride
Concen: 4.019 ug/l
RT: 4.798 min Scan# 546
Delta R.T. -0.007 min
Lab File: VD080076.D
Acq: 18 Nov 2024 18:28

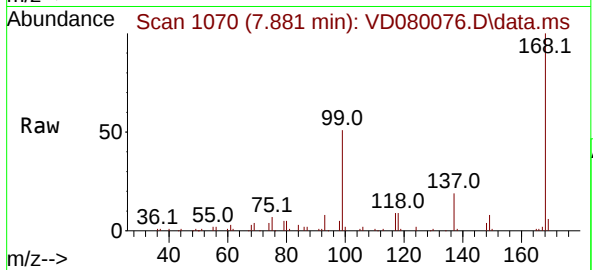
Tgt Ion: 84 Resp: 9674
Ion Ratio Lower Upper
84 100
49 114.1 86.5 129.7
51 28.8 26.9 40.3
86 62.0 47.2 70.8



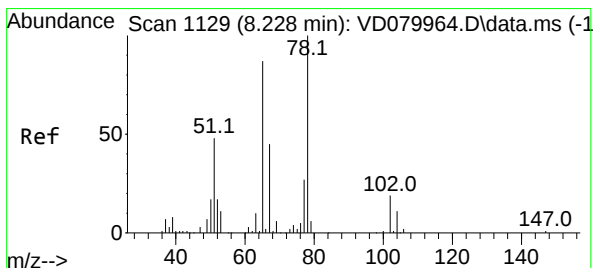
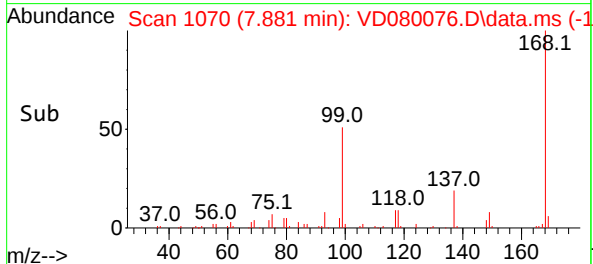
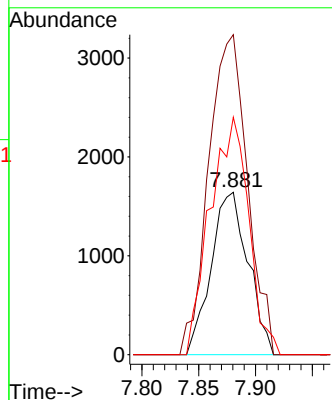


#31
Cyclohexane
Concen: 1.106 ug/l
RT: 7.881 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD080076.D
Acq: 18 Nov 2024 18:28

Instrument :
MSVOA_D
ClientSampleId :

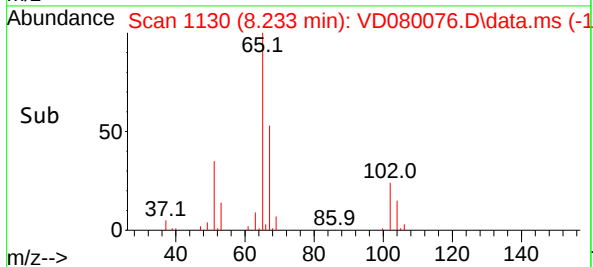
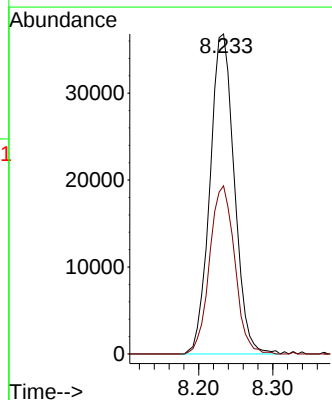
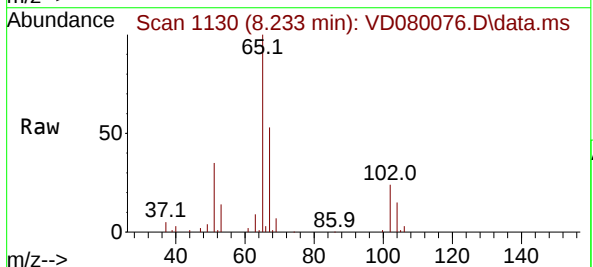


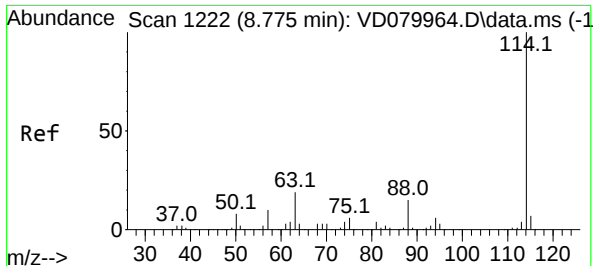
Tgt Ion: 56 Resp: 3727
Ion Ratio Lower Upper
56 100
69 197.0 27.3 40.9#
84 146.2 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 40.715 ug/l
RT: 8.233 min Scan# 1130
Delta R.T. 0.005 min
Lab File: VD080076.D
Acq: 18 Nov 2024 18:28

Tgt Ion: 65 Resp: 84226
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.780 min Scan# 11

Delta R.T. 0.005 min

Lab File: VD080076.D

Acq: 18 Nov 2024 18:28

Instrument :

MSVOA_D

ClientSampleId :

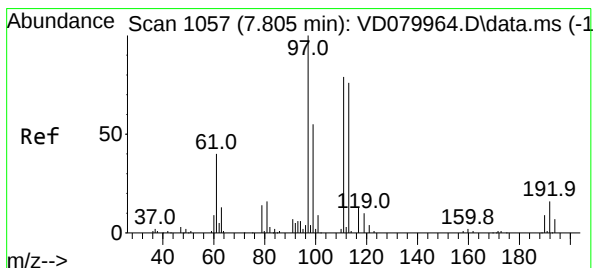
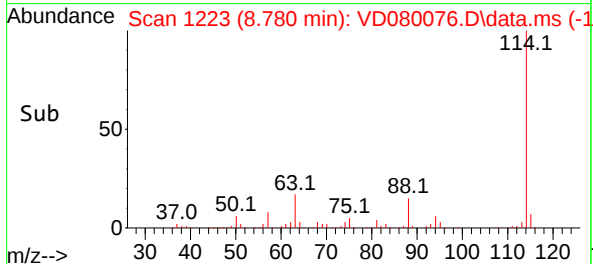
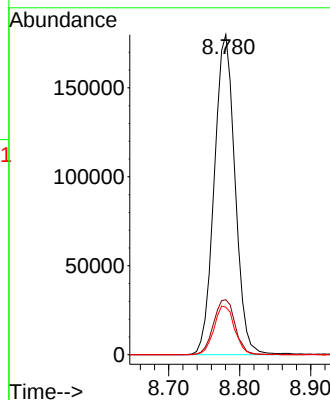
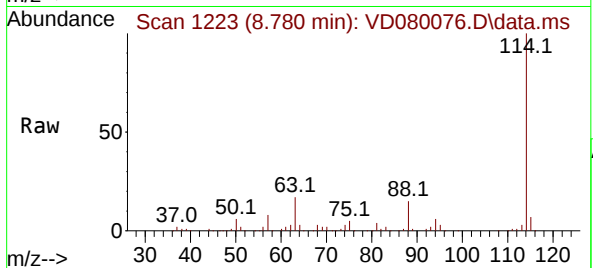
Tgt Ion:114 Resp: 364222

Ion Ratio Lower Upper

114 100

63 17.1 0.0 38.8

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 37.773 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD080076.D

Acq: 18 Nov 2024 18:28

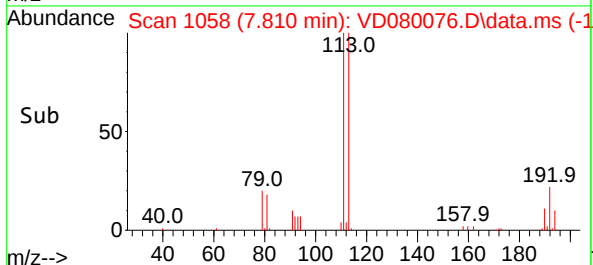
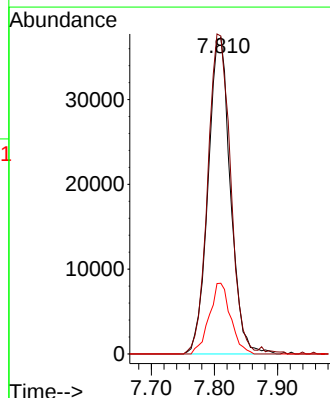
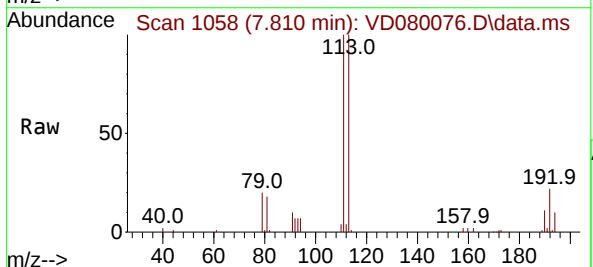
Tgt Ion:113 Resp: 91562

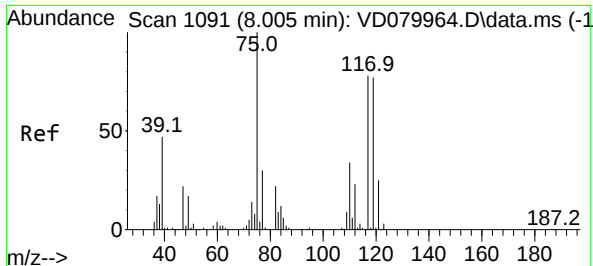
Ion Ratio Lower Upper

113 100

111 102.9 82.5 123.7

192 21.4 16.6 25.0





#36

1,1-Dichloropropene

Concen: 4.357 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD080076.D

Acq: 18 Nov 2024 18:28

Instrument :

MSVOA_D

ClientSampleId :

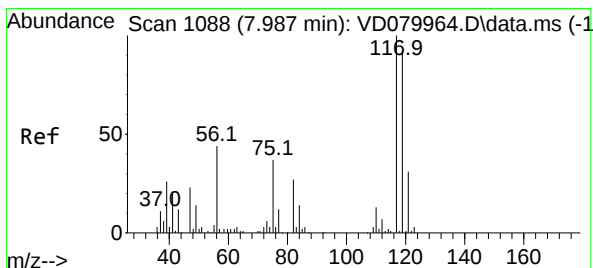
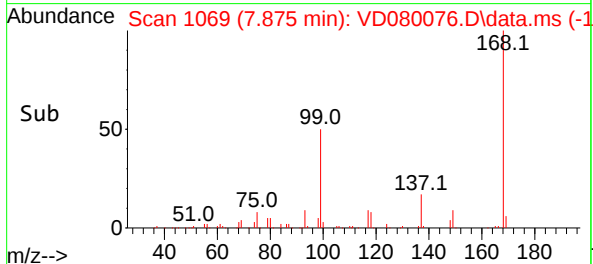
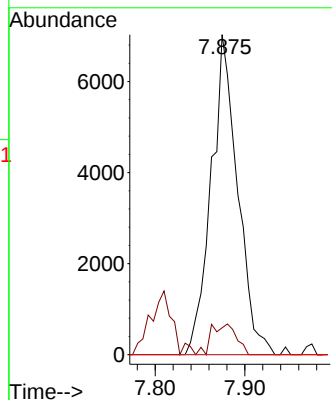
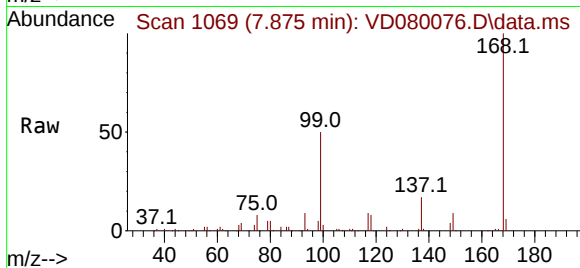
Tgt Ion: 75 Resp: 14442

Ion Ratio Lower Upper

75 100

110 9.0 18.4 55.0#

77 0.0 25.6 38.4#



#38

Carbon Tetrachloride

Concen: 5.195 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD080076.D

Acq: 18 Nov 2024 18:28

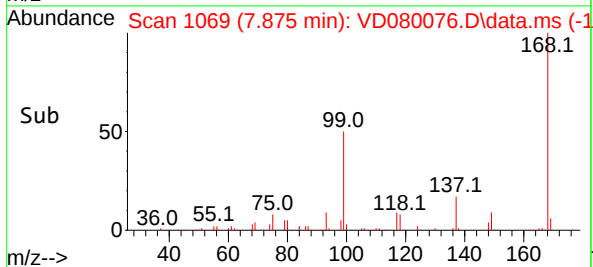
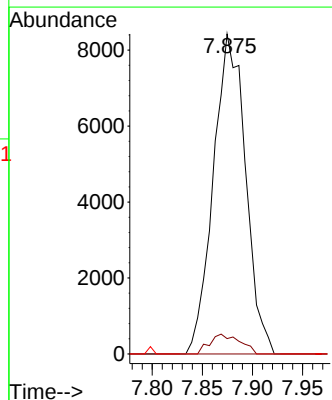
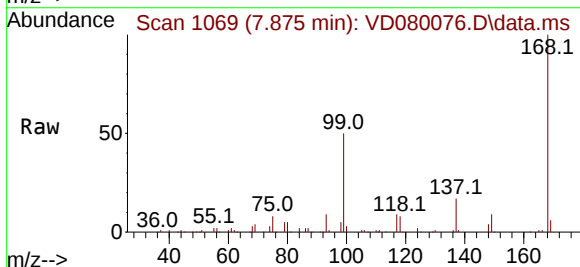
Tgt Ion: 117 Resp: 18814

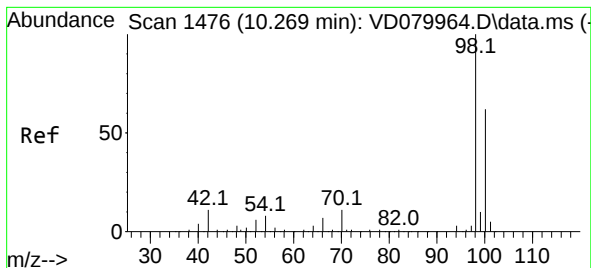
Ion Ratio Lower Upper

117 100

119 4.8 73.4 110.0#

121 0.0 24.5 36.7#

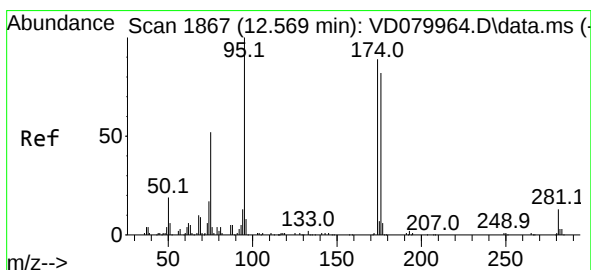
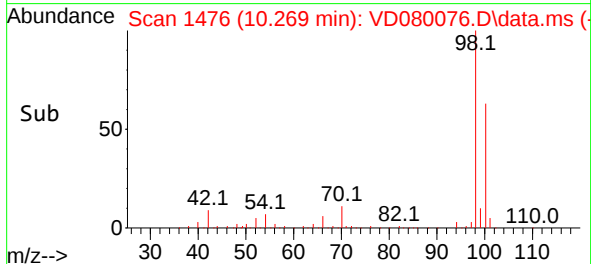
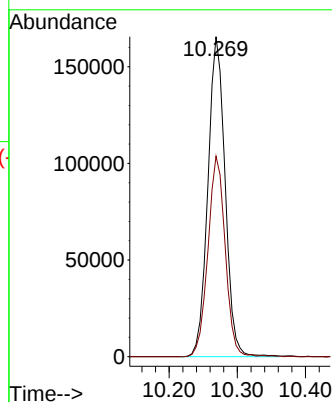
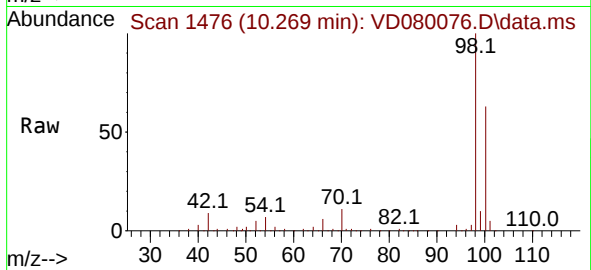




#50
Toluene-d8
Concen: 31.828 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD080076.D
Acq: 18 Nov 2024 18:28

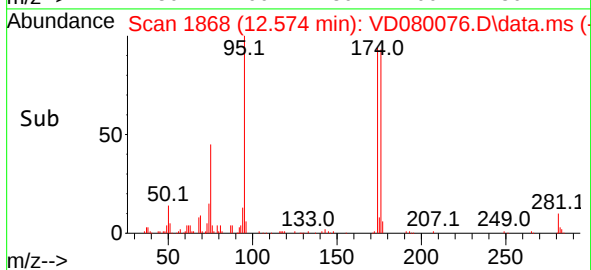
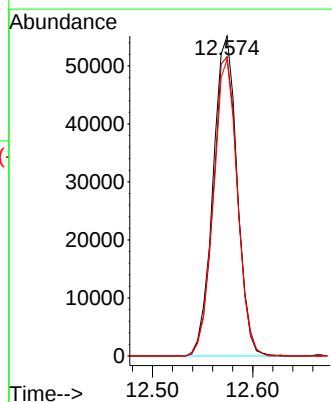
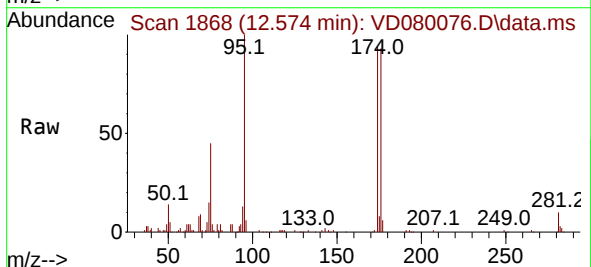
Instrument :
MSVOA_D
ClientSampleId :

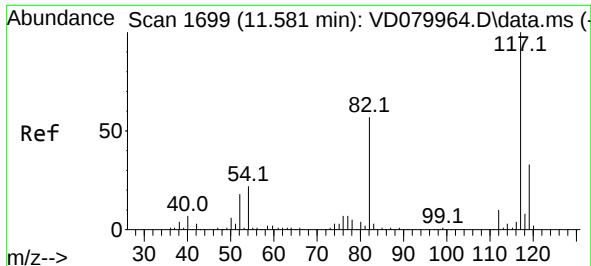
Tgt Ion: 98 Resp: 290784
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 30.581 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. 0.005 min
Lab File: VD080076.D
Acq: 18 Nov 2024 18:28

Tgt Ion: 95 Resp: 91664
Ion Ratio Lower Upper
95 100
174 94.9 0.0 173.4
176 92.0 0.0 166.6

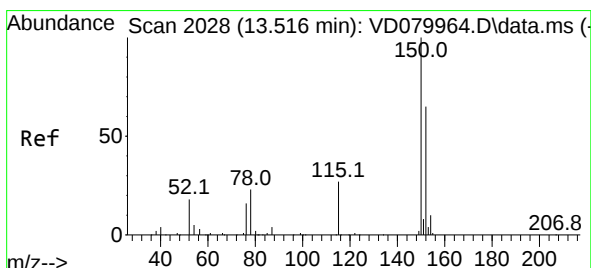
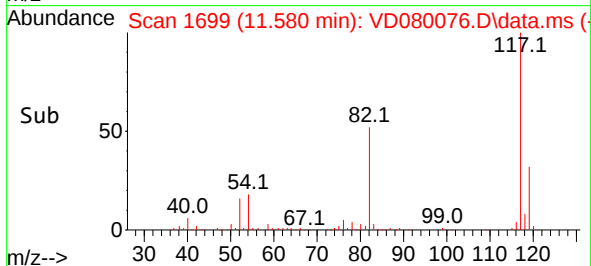
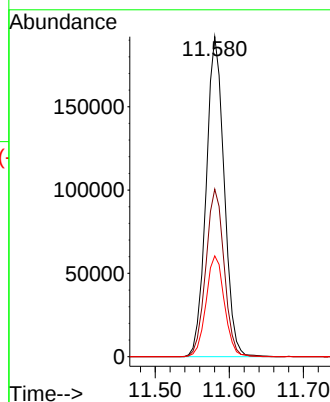
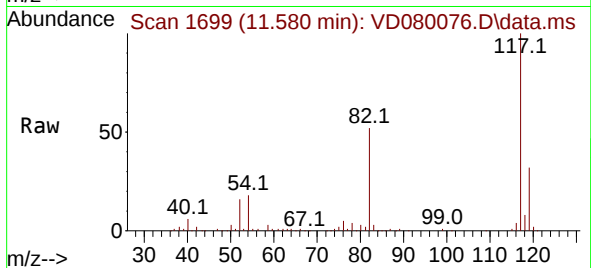




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD080076.D
Acq: 18 Nov 2024 18:28

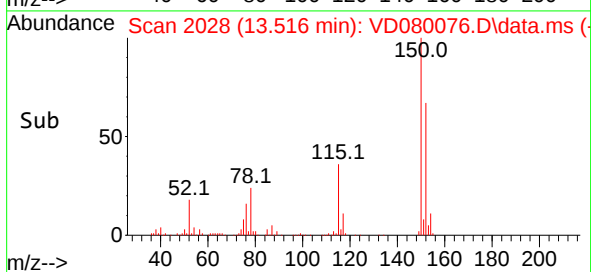
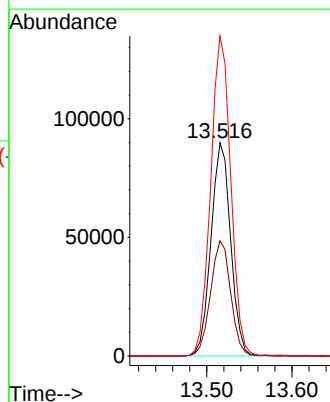
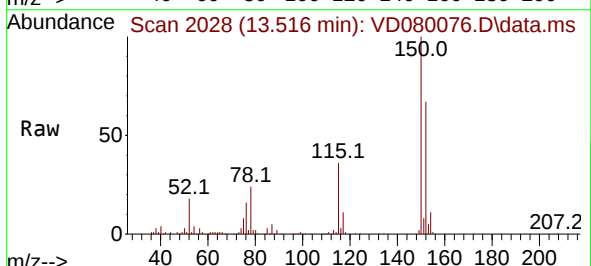
Instrument :
MSVOA_D
ClientSampleId :

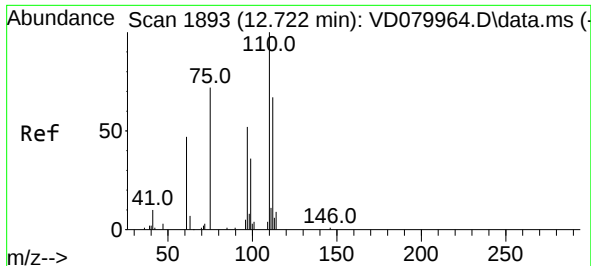
Tgt Ion:117 Resp: 324341
Ion Ratio Lower Upper
117 100
82 52.4 45.8 68.6
119 31.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD080076.D
Acq: 18 Nov 2024 18:28

Tgt Ion:152 Resp: 143861
Ion Ratio Lower Upper
152 100
115 55.4 28.9 86.8
150 152.9 0.0 354.8

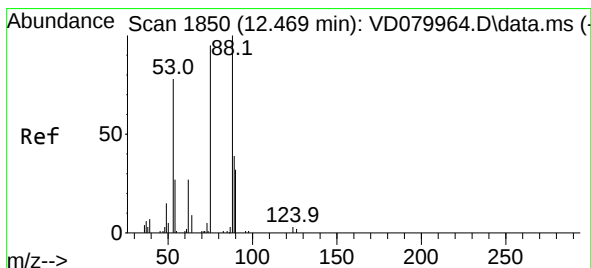
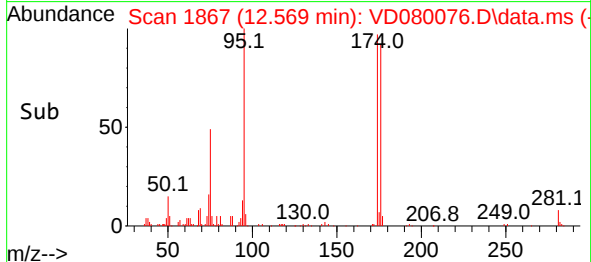
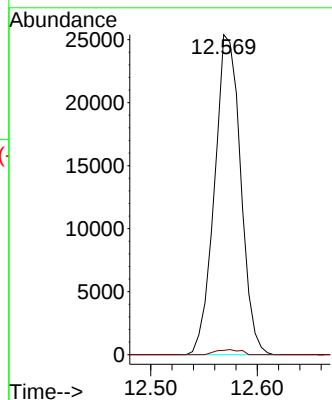
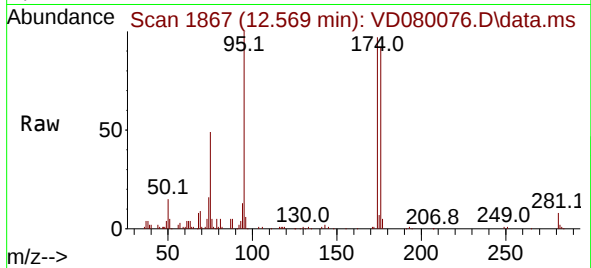




#76
1,2,3-Trichloropropane
Concen: 33.972 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD080076.D
Acq: 18 Nov 2024 18:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 43155
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.528 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD080076.D
Acq: 18 Nov 2024 18:28

Tgt Ion: 75 Resp: 43155
Ion Ratio Lower Upper
75 100
53 0.0 68.7 103.1#
89 0.2 36.1 54.1#

