

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111724\
 Data File : VD080053.D
 Acq On : 17 Nov 2024 20:16
 Operator : RP/MD
 Sample : P4822-07
 Misc : 5.71G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 18 04:28:31 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)

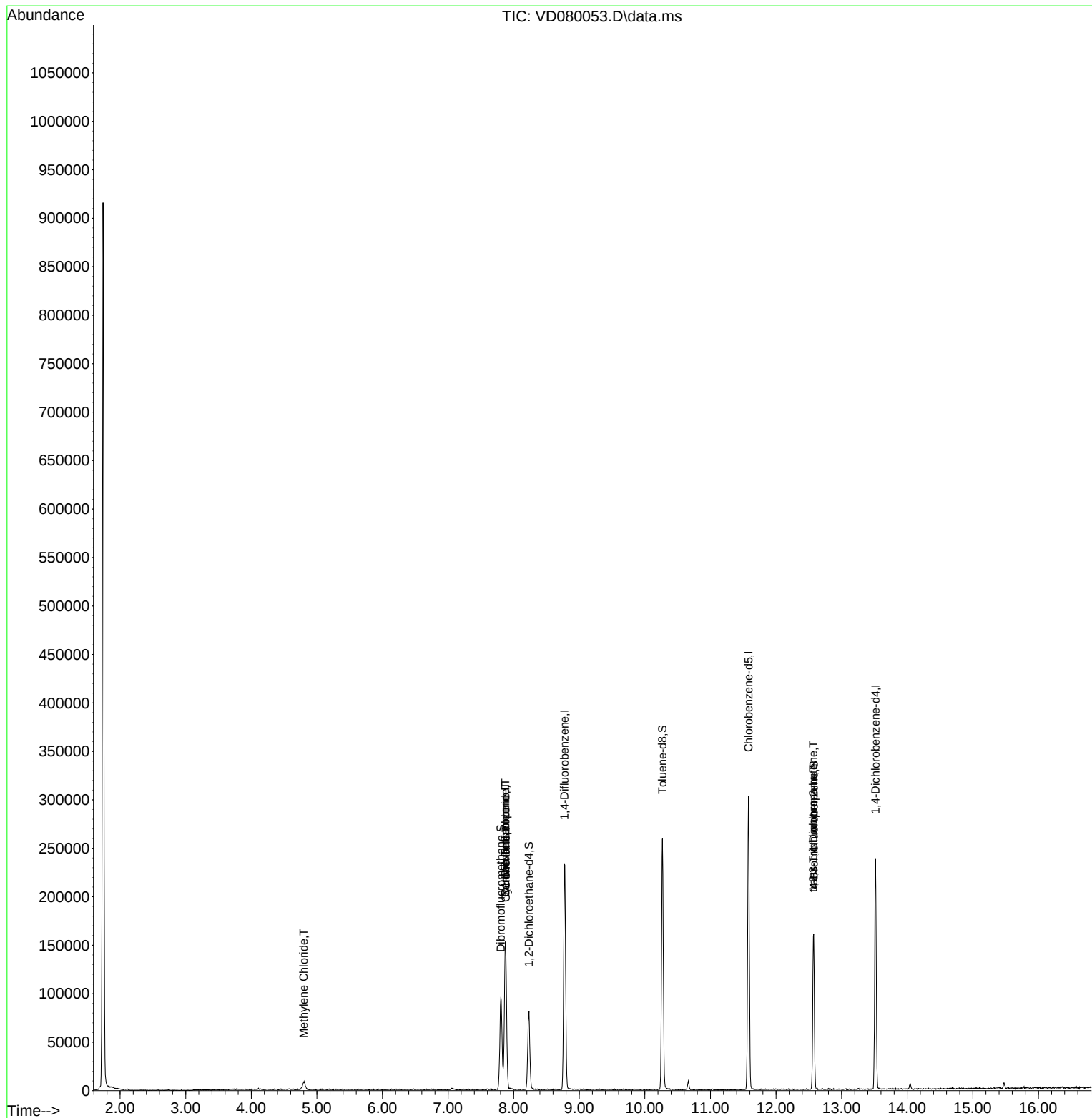
Internal Standards						
1) Pentafluorobenzene	7.875	168	127866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	209554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	177030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	66849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	63672	48.364	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.720%
35) Dibromofluoromethane	7.805	113	68121	48.844	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.680%
50) Toluene-d8	10.269	98	187494	35.670	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	71.340%
62) 4-Bromofluorobenzene	12.575	95	50241	29.132	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	58.260%
Target Compounds						
					Qvalue	
5) Bromomethane	2.699	94	71	Below Cal	#	2
20) Methylene Chloride	4.799	84	6335	4.135	ug/l #	91
31) Cyclohexane	7.881	56	2656	1.239	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	10109	5.301	ug/l #	46
38) Carbon Tetrachloride	7.875	117	11610	5.572	ug/l #	20
76) 1,2,3-Trichloropropane	12.569	75	23727	40.195	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	23727	82.266	ug/l #	15

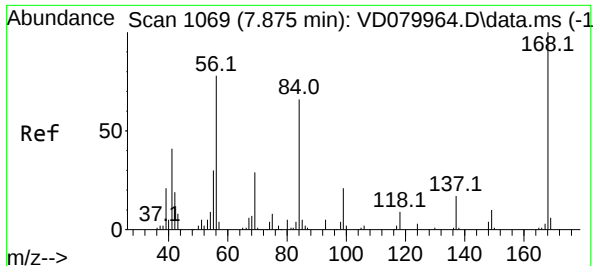
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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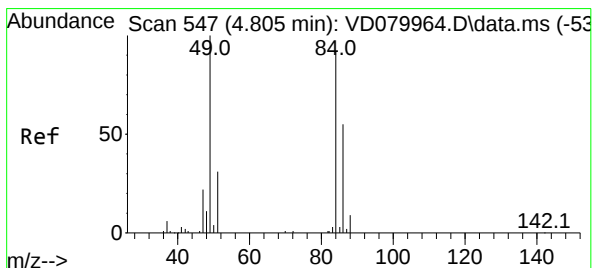
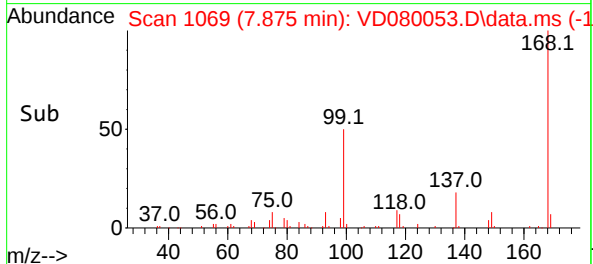
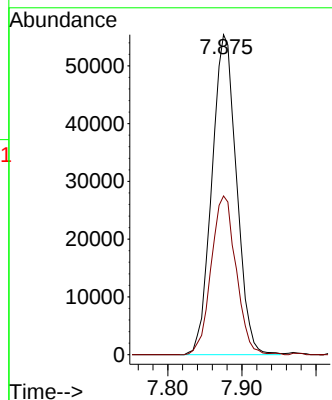
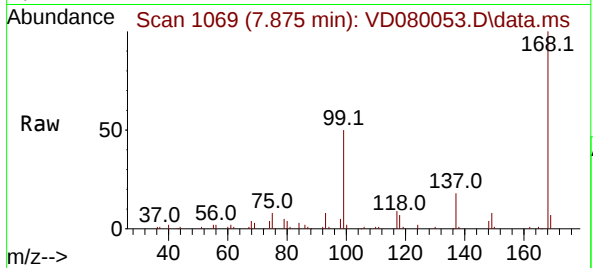




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD080053.D
Acq: 17 Nov 2024 20:16

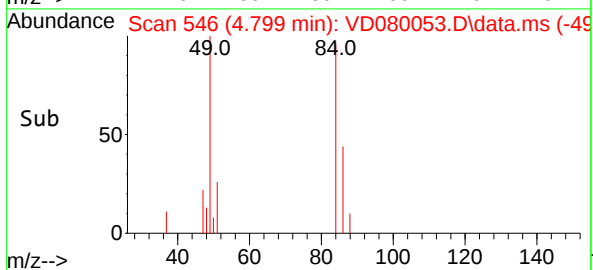
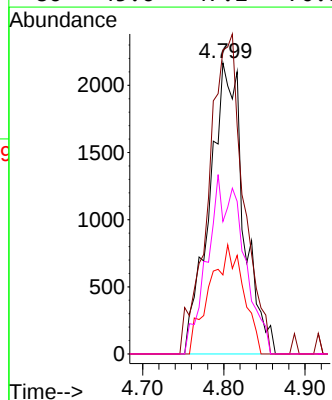
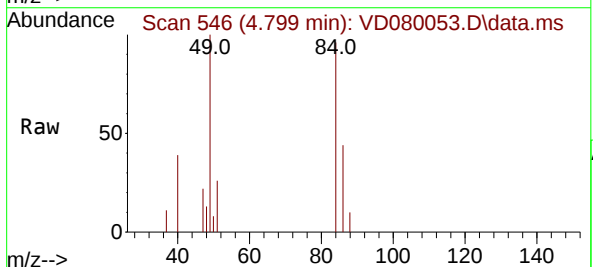
Instrument :
MSVOA_D
ClientSampleId :

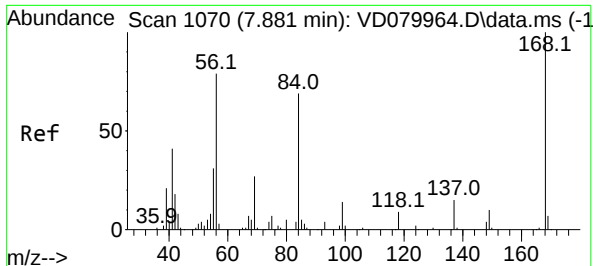
Tgt Ion:168 Resp: 127866
Ion Ratio Lower Upper
168 100
99 49.6 46.0 69.0



#20
Methylene Chloride
Concen: 4.135 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD080053.D
Acq: 17 Nov 2024 20:16

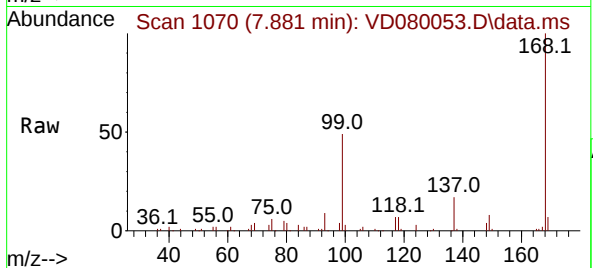
Tgt Ion: 84 Resp: 6335
Ion Ratio Lower Upper
84 100
49 104.4 86.5 129.7
51 27.2 26.9 40.3
86 45.6 47.2 70.8#



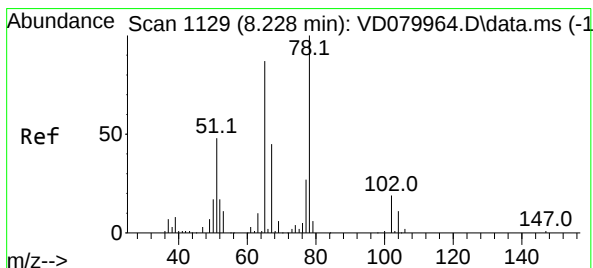
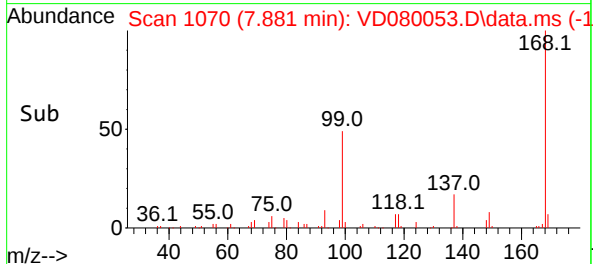
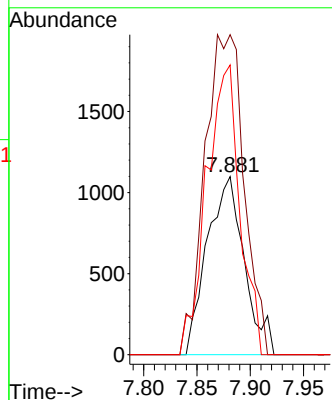


#31
Cyclohexane
Concen: 1.239 ug/l
RT: 7.881 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD080053.D
Acq: 17 Nov 2024 20:16

Instrument :
MSVOA_D
ClientSampleId :

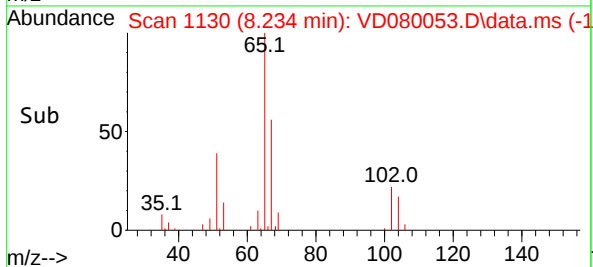
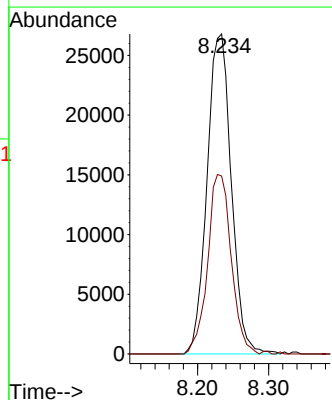
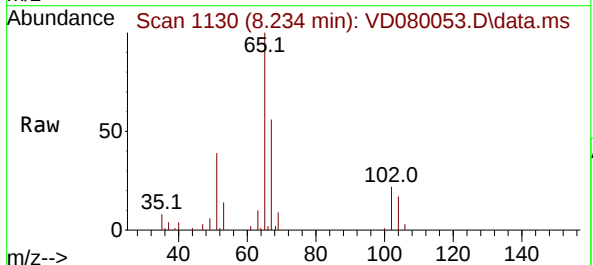


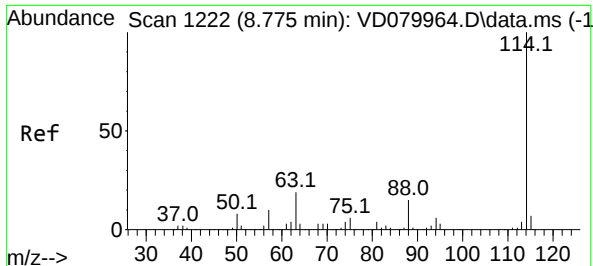
Tgt Ion: 56 Resp: 2656
Ion Ratio Lower Upper
56 100
69 179.6 27.3 40.9#
84 162.7 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 48.364 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD080053.D
Acq: 17 Nov 2024 20:16

Tgt Ion: 65 Resp: 63672
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.2

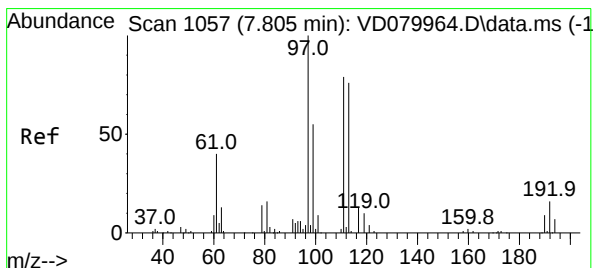
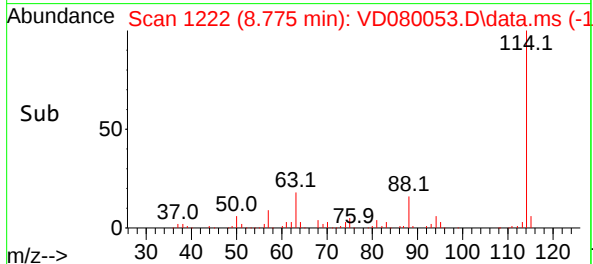
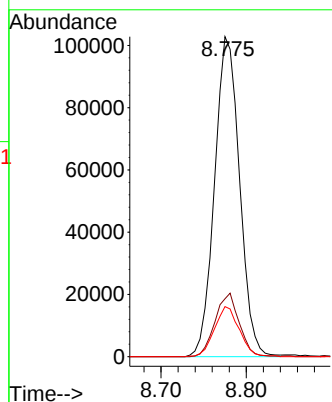
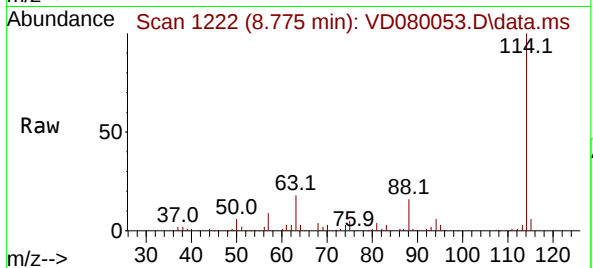




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080053.D
Acq: 17 Nov 2024 20:16

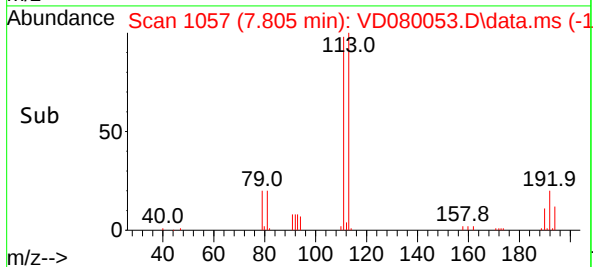
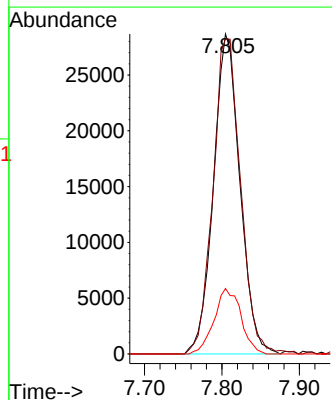
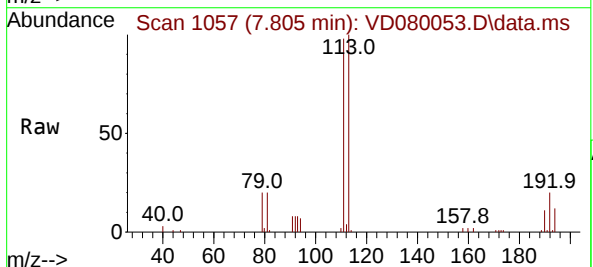
Instrument :
MSVOA_D
ClientSampleId :

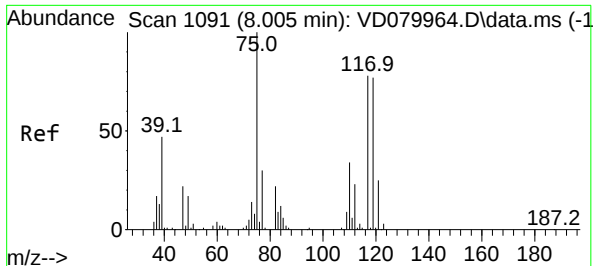
Tgt Ion:114 Resp: 209554
Ion Ratio Lower Upper
114 100
63 18.1 0.0 38.8
88 15.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.844 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD080053.D
Acq: 17 Nov 2024 20:16

Tgt Ion:113 Resp: 68121
Ion Ratio Lower Upper
113 100
111 102.7 82.5 123.7
192 20.7 16.6 25.0





#36

1,1-Dichloropropene

Concen: 5.301 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD080053.D

Acq: 17 Nov 2024 20:16

Instrument :

MSVOA_D

ClientSampleId :

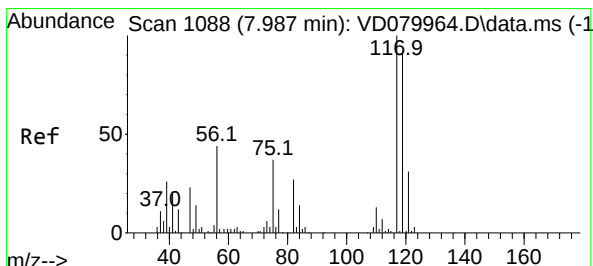
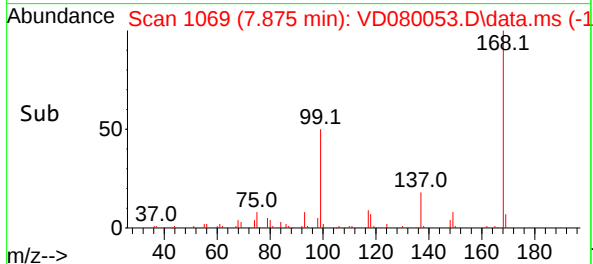
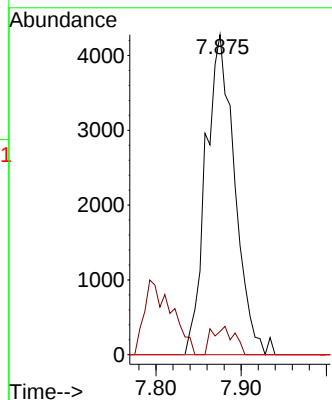
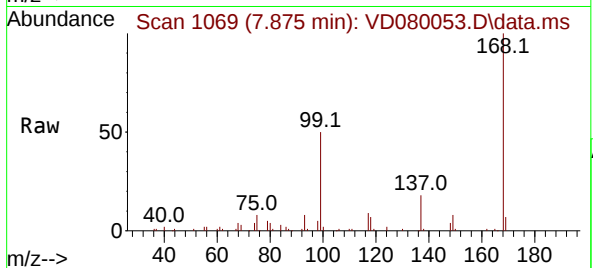
Tgt Ion: 75 Resp: 10109

Ion Ratio Lower Upper

75 100

110 6.8 18.4 55.0#

77 0.0 25.6 38.4#



#38

Carbon Tetrachloride

Concen: 5.572 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD080053.D

Acq: 17 Nov 2024 20:16

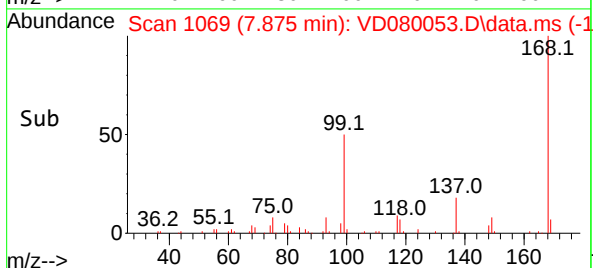
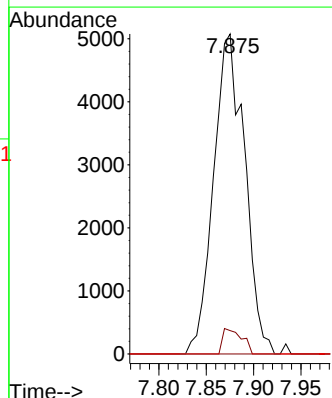
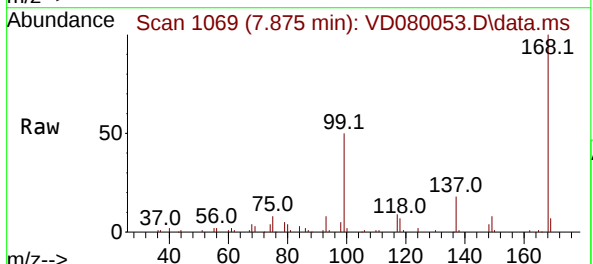
Tgt Ion: 117 Resp: 11610

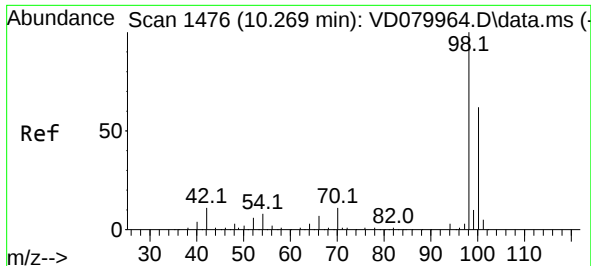
Ion Ratio Lower Upper

117 100

119 7.3 73.4 110.0#

121 0.0 24.5 36.7#

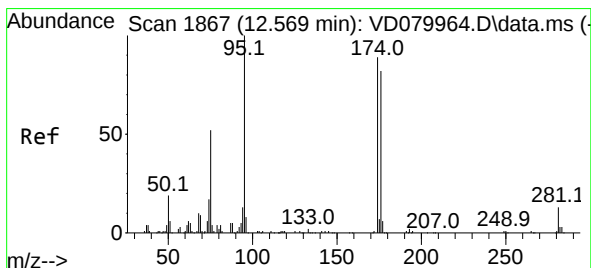
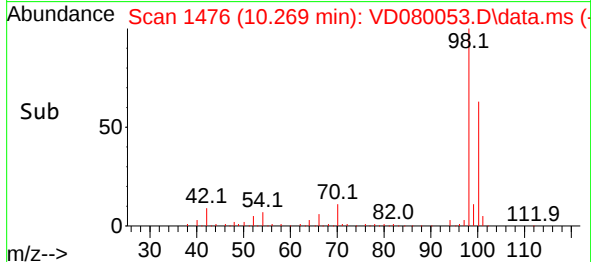
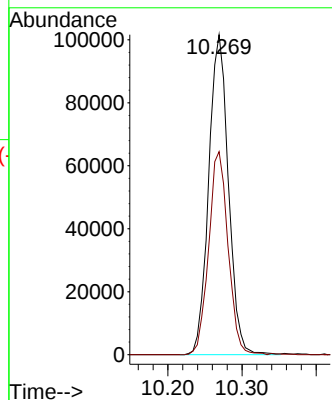
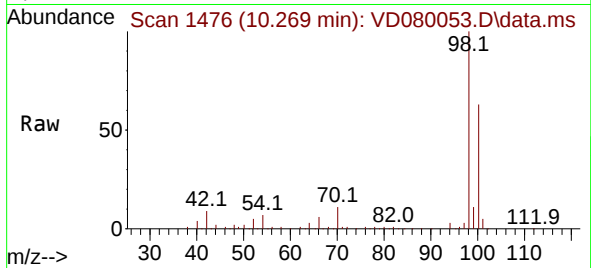




#50
Toluene-d8
Concen: 35.670 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD080053.D
Acq: 17 Nov 2024 20:16

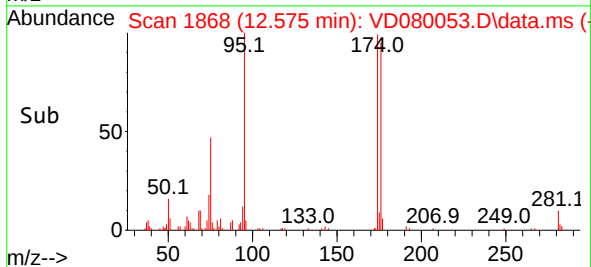
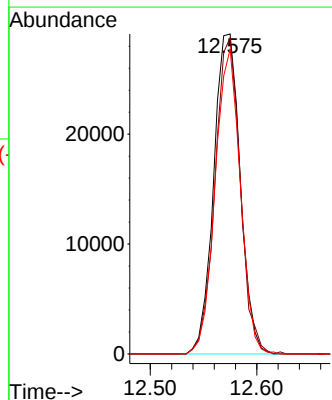
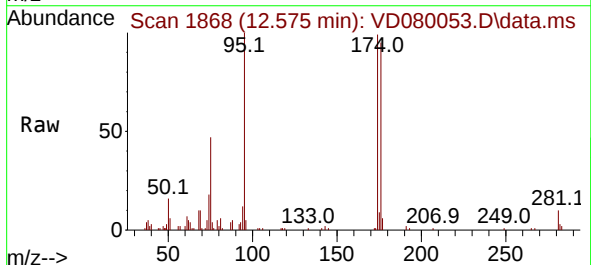
Instrument :
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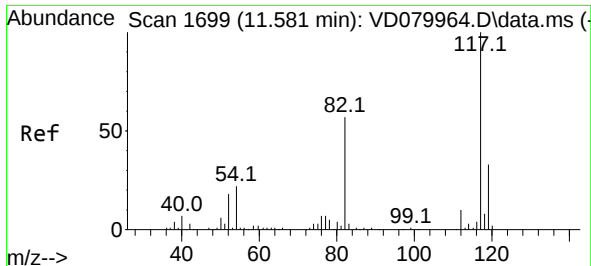
Tgt Ion: 98 Resp: 187494
Ion Ratio Lower Upper
98 100
100 62.4 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 29.132 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD080053.D
Acq: 17 Nov 2024 20:16

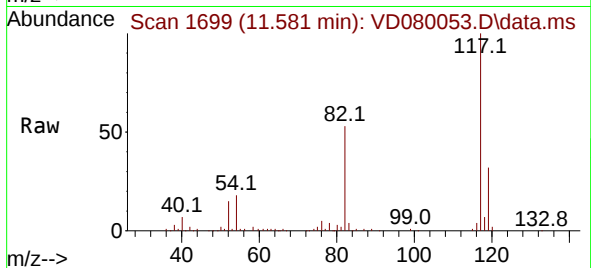
Tgt Ion: 95 Resp: 50241
Ion Ratio Lower Upper
95 100
174 94.2 0.0 173.4
176 90.3 0.0 166.6



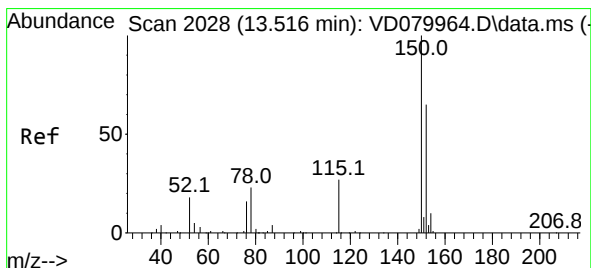
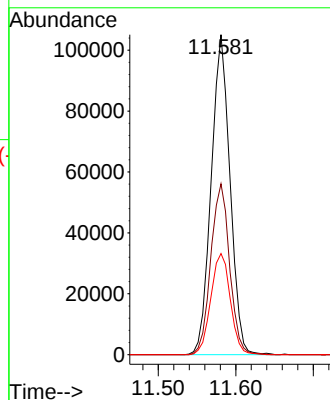
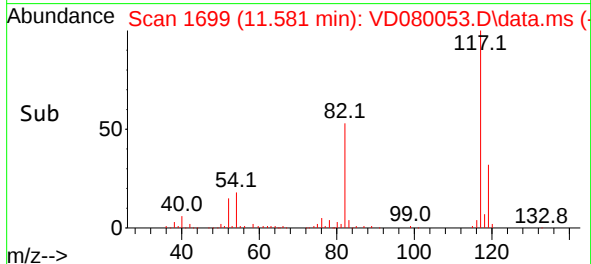


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080053.D
Acq: 17 Nov 2024 20:16

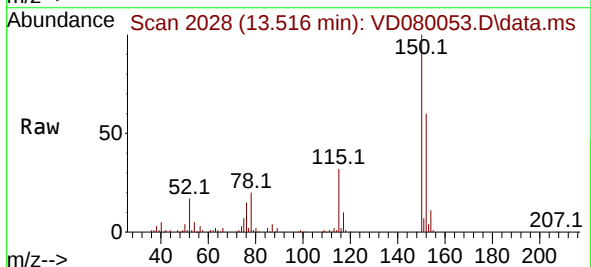
Instrument :
MSVOA_D
ClientSampleId :



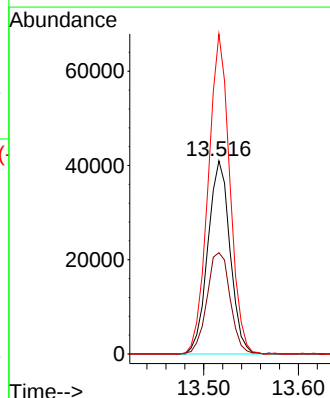
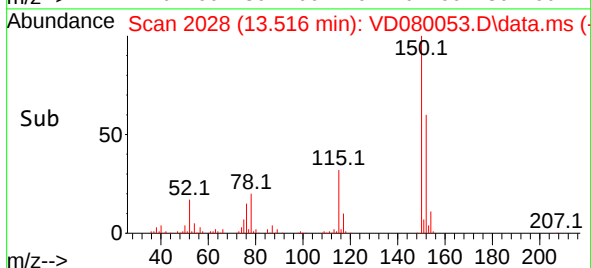
Tgt Ion:117 Resp: 177030
Ion Ratio Lower Upper
117 100
82 53.4 45.8 68.6
119 31.6 26.2 39.2

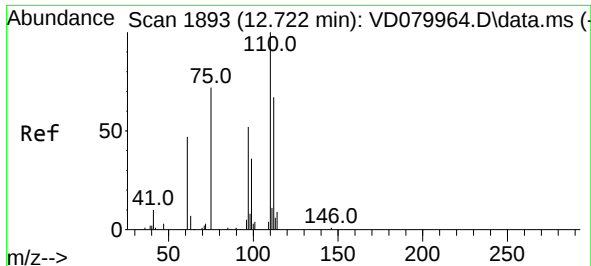


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD080053.D
Acq: 17 Nov 2024 20:16



Tgt Ion:152 Resp: 66849
Ion Ratio Lower Upper
152 100
115 55.0 28.9 86.8
150 160.9 0.0 354.8

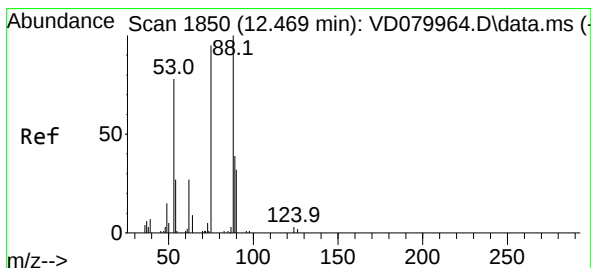
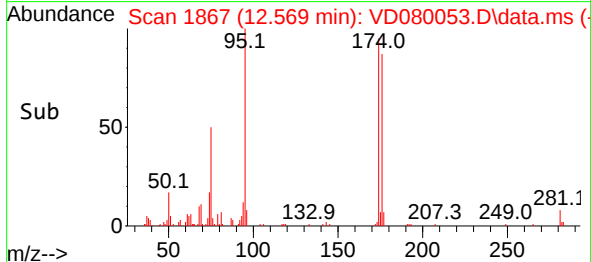
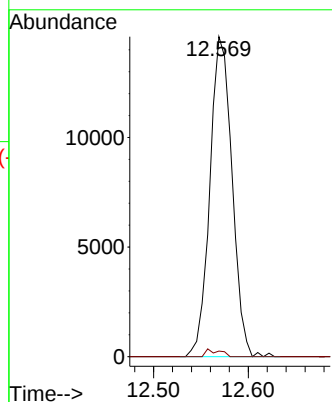
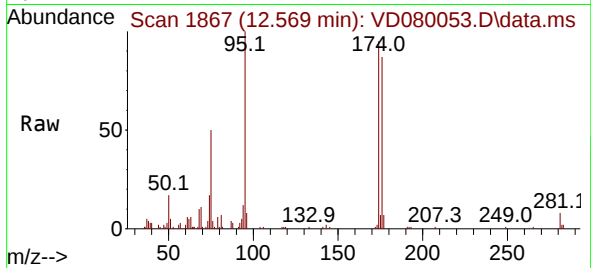




#76
1,2,3-Trichloropropane
Concen: 40.195 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD080053.D
Acq: 17 Nov 2024 20:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 23727
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.266 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD080053.D
Acq: 17 Nov 2024 20:16

Tgt Ion: 75 Resp: 23727
Ion Ratio Lower Upper
75 100
53 0.5 68.7 103.1#
89 0.0 36.1 54.1#

