

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111724\
 Data File : VD080054.D
 Acq On : 17 Nov 2024 20:43
 Operator : RP/MD
 Sample : P4822-01
 Misc : 6.46G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 18 04:28:53 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)

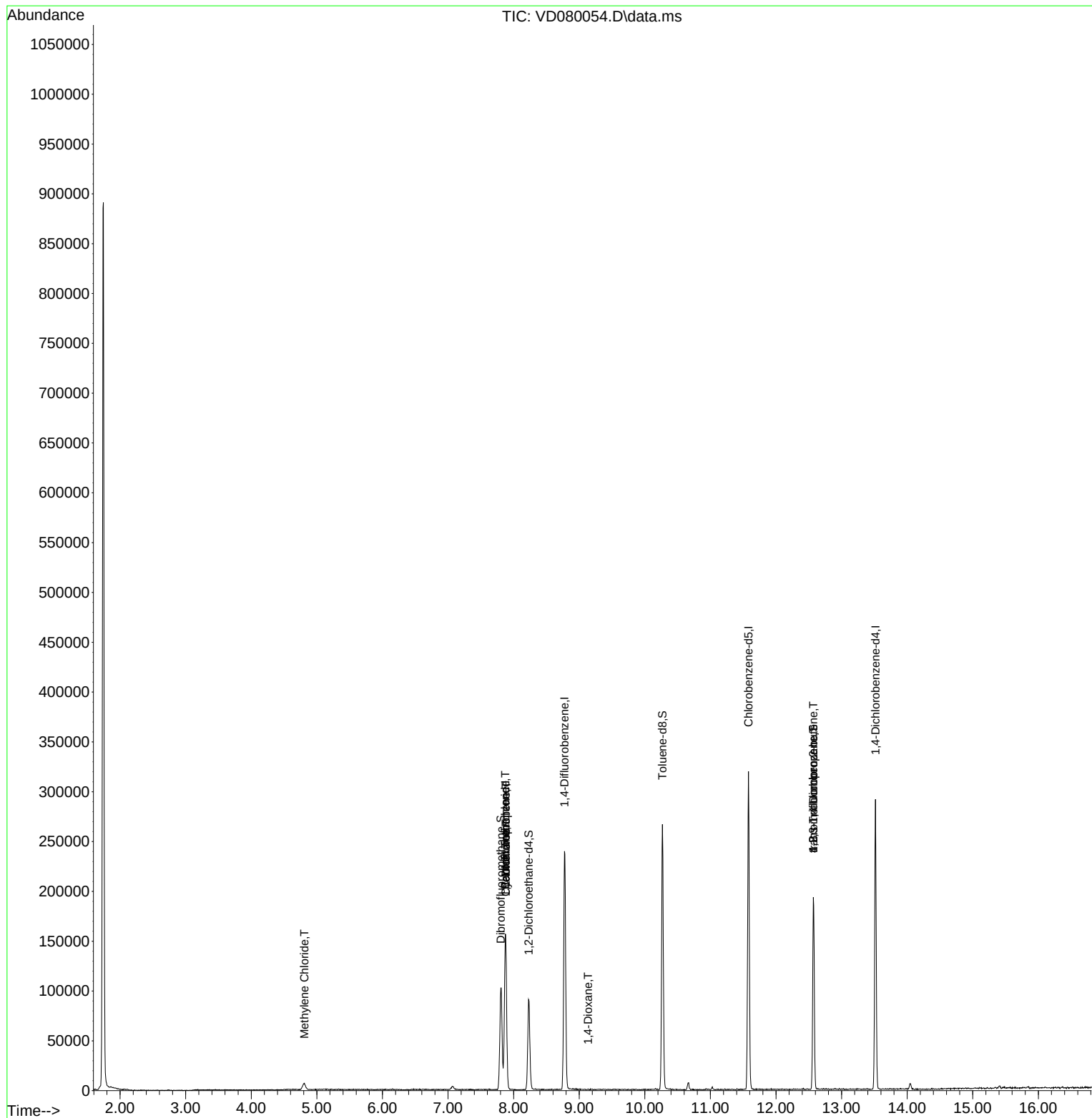
Internal Standards						
1) Pentafluorobenzene	7.875	168	127120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	217498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	186174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	78669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71511	54.638	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.280%	
35) Dibromofluoromethane	7.805	113	74145	51.222	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.440%	
50) Toluene-d8	10.269	98	185548	34.010	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 68.020%	
62) 4-Bromofluorobenzene	12.569	95	59250	33.101	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 66.200%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.699	94	53	Below Cal	#	2
20) Methylene Chloride	4.811	84	5033	3.305	ug/l #	78
31) Cyclohexane	7.881	56	2861	1.342	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	9332	4.715	ug/l #	48
38) Carbon Tetrachloride	7.875	117	11675	5.399	ug/l #	17
49) 1,4-Dioxane	9.134	88	62	7.837	ug/l #	21
76) 1,2,3-Trichloropropane	12.569	75	28284	40.716	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	28284	83.331	ug/l #	15

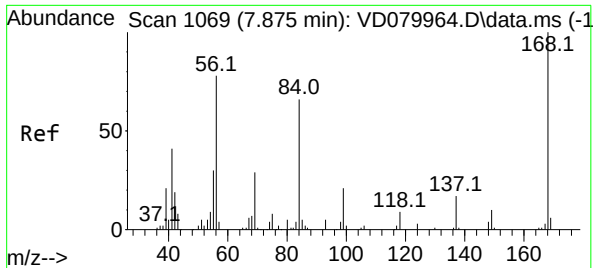
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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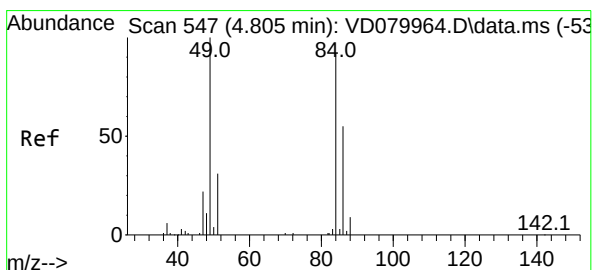
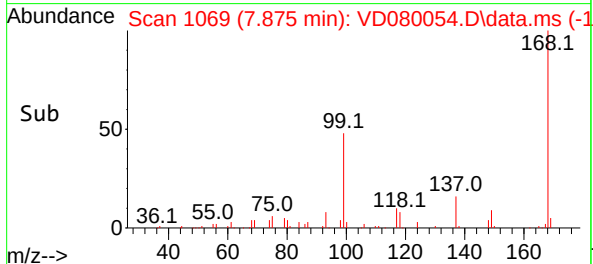
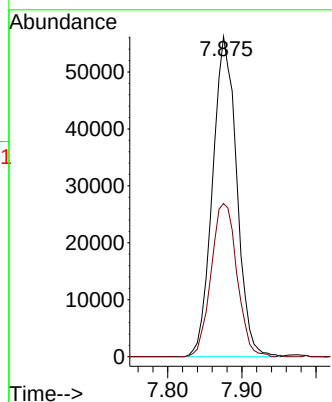
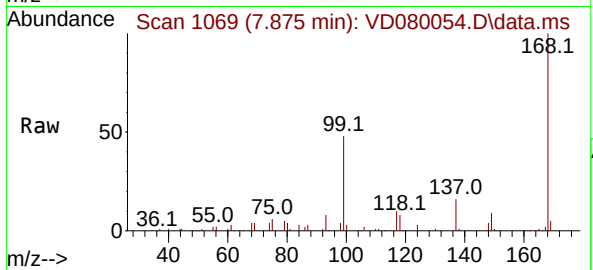




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD080054.D
Acq: 17 Nov 2024 20:43

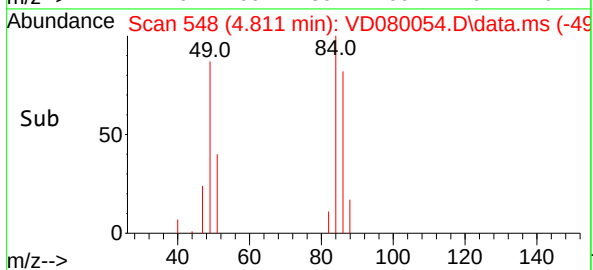
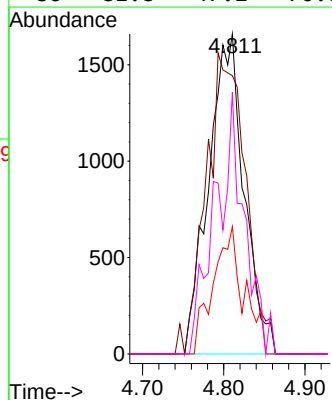
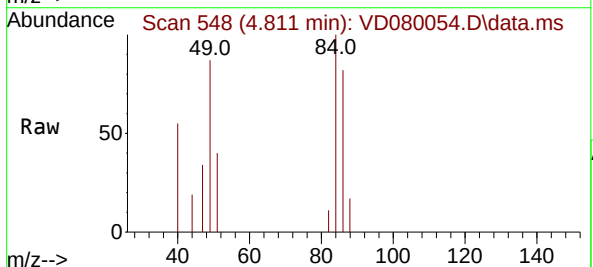
Instrument :
MSVOA_D
ClientSampleId :

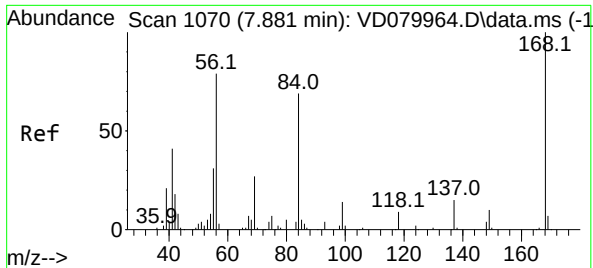
Tgt Ion:168 Resp: 127120
Ion Ratio Lower Upper
168 100
99 47.8 46.0 69.0



#20
Methylene Chloride
Concen: 3.305 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD080054.D
Acq: 17 Nov 2024 20:43

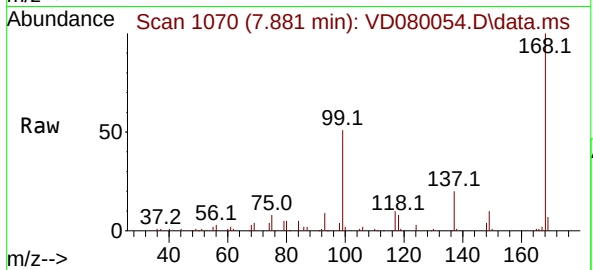
Tgt Ion: 84 Resp: 5033
Ion Ratio Lower Upper
84 100
49 86.9 86.5 129.7
51 39.8 26.9 40.3
86 81.8 47.2 70.8#



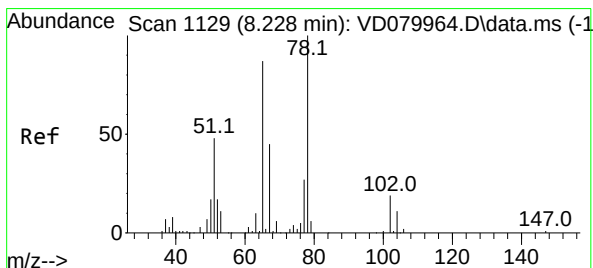
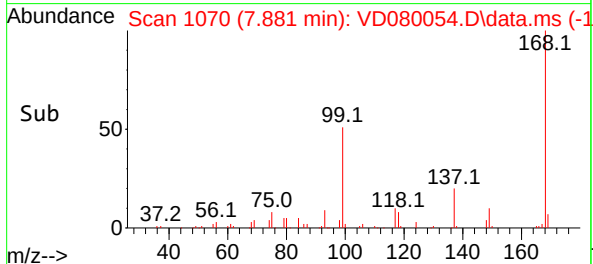
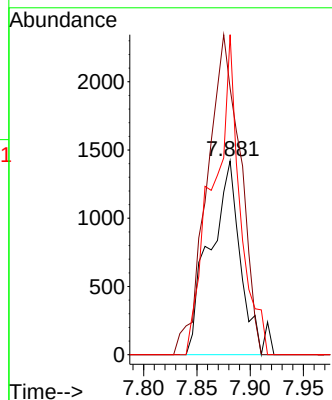


#31
Cyclohexane
Concen: 1.342 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD080054.D
Acq: 17 Nov 2024 20:43

Instrument :
MSVOA_D
ClientSampleId :

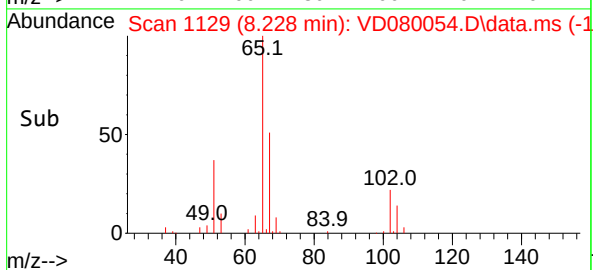
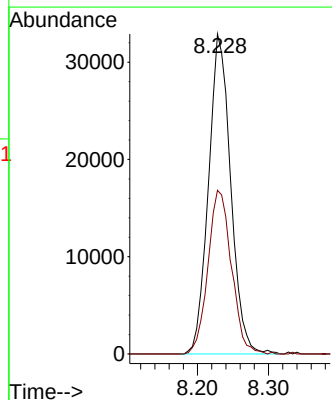
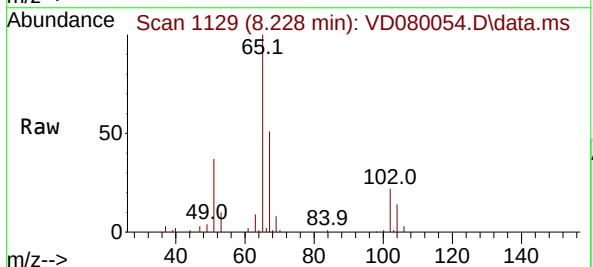


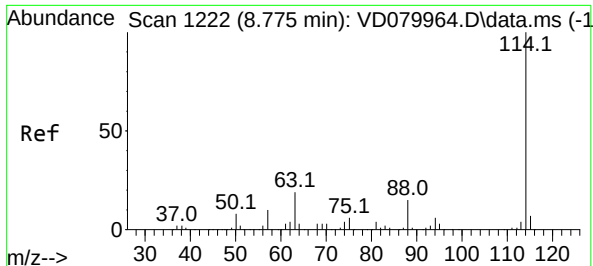
Tgt Ion: 56 Resp: 2861
Ion Ratio Lower Upper
56 100
69 137.5 27.3 40.9#
84 165.1 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 54.638 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD080054.D
Acq: 17 Nov 2024 20:43

Tgt Ion: 65 Resp: 71511
Ion Ratio Lower Upper
65 100
67 54.0 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: VD080054.D

Acq: 17 Nov 2024 20:43

Instrument :

MSVOA_D

ClientSampleId :

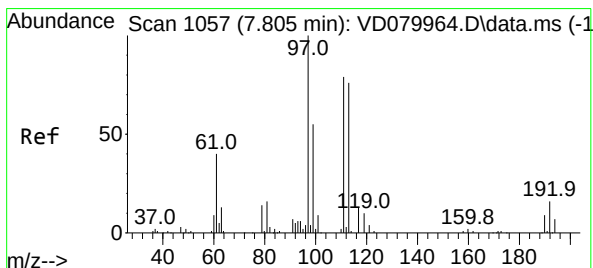
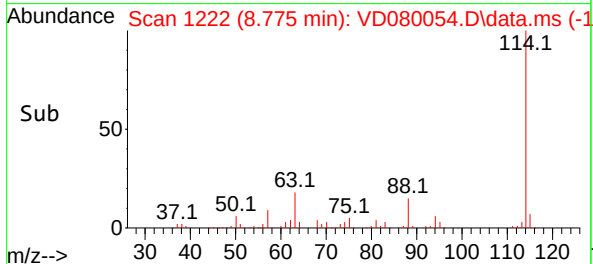
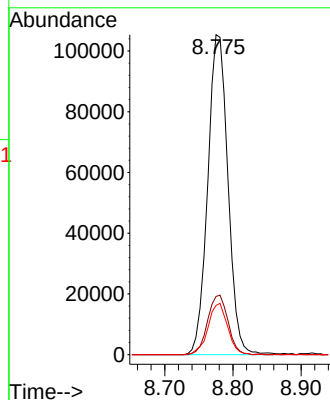
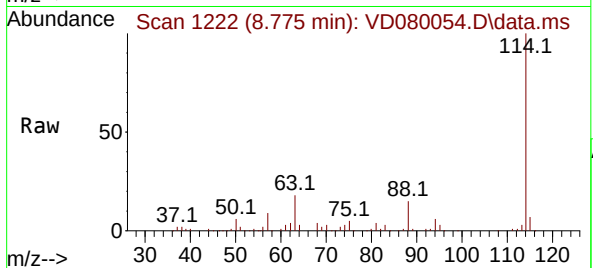
Tgt Ion:114 Resp: 217498

Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.8

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.222 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD080054.D

Acq: 17 Nov 2024 20:43

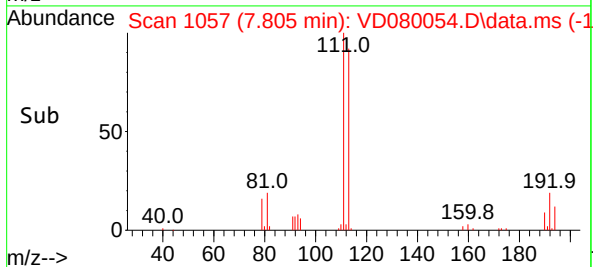
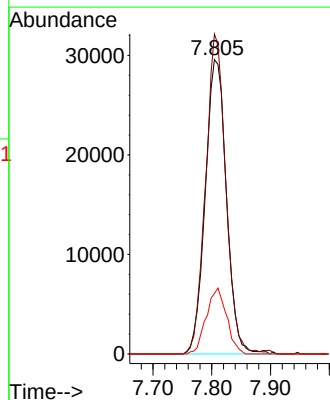
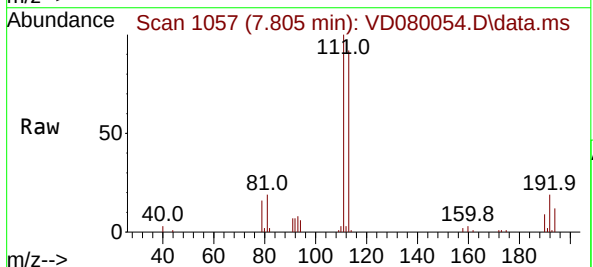
Tgt Ion:113 Resp: 74145

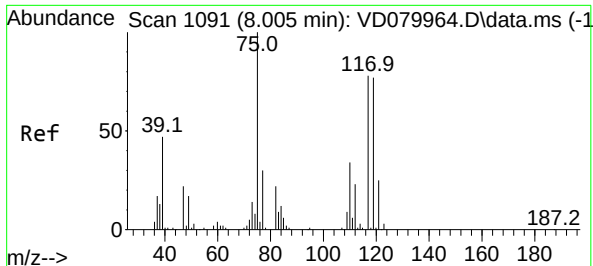
Ion Ratio Lower Upper

113 100

111 103.7 82.5 123.7

192 21.5 16.6 25.0





#36

1,1-Dichloropropene

Concen: 4.715 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. -0.124 min

Lab File: VD080054.D

Acq: 17 Nov 2024 20:43

Instrument :

MSVOA_D

ClientSampleId :

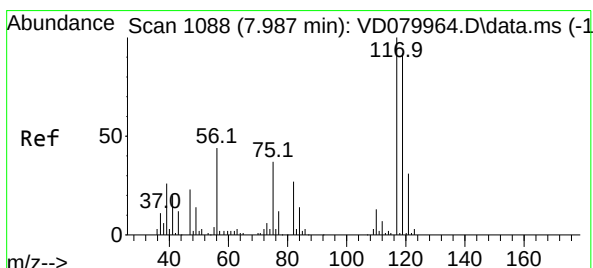
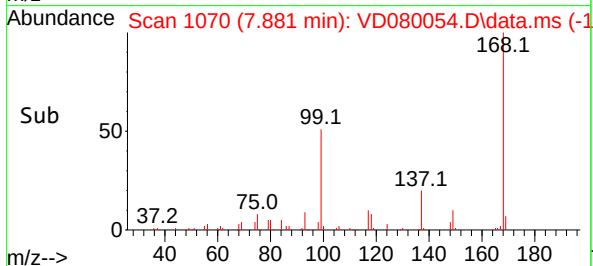
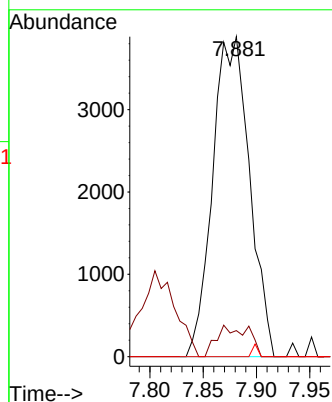
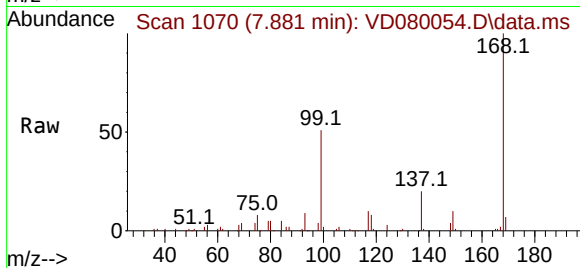
Tgt Ion: 75 Resp: 9332

Ion Ratio Lower Upper

75 100

110 8.4 18.4 55.0#

77 0.0 25.6 38.4#



#38

Carbon Tetrachloride

Concen: 5.399 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD080054.D

Acq: 17 Nov 2024 20:43

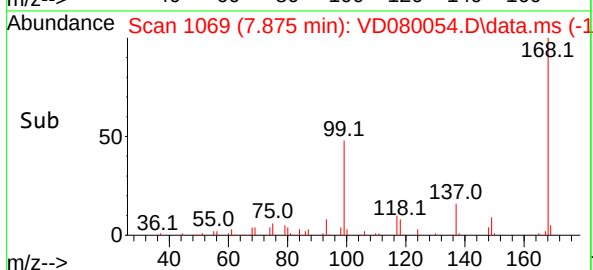
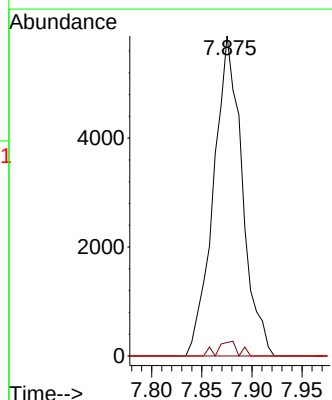
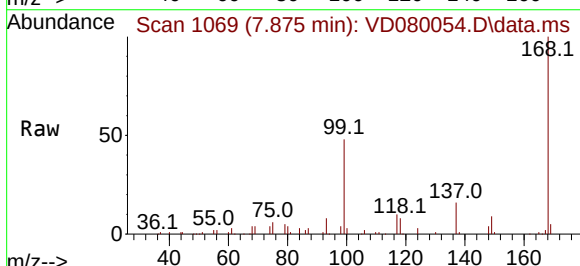
Tgt Ion: 117 Resp: 11675

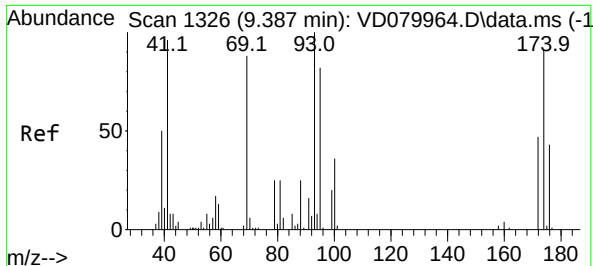
Ion Ratio Lower Upper

117 100

119 4.2 73.4 110.0#

121 0.0 24.5 36.7#





#49

1,4-Dioxane

Concen: 7.837 ug/l

RT: 9.134 min Scan# 1

Delta R.T. -0.253 min

Lab File: VD080054.D

Acq: 17 Nov 2024 20:43

Instrument :

MSVOA_D

ClientSampleId :

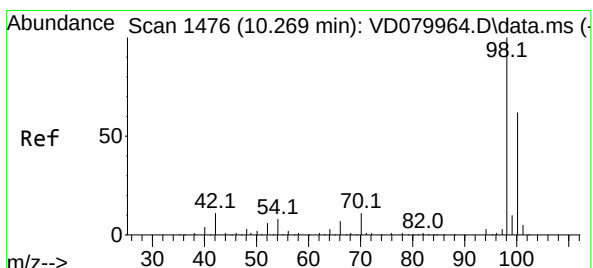
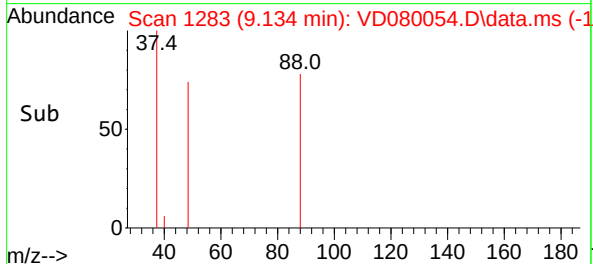
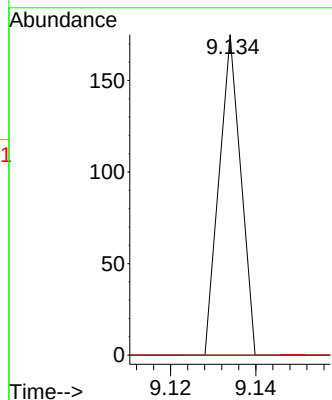
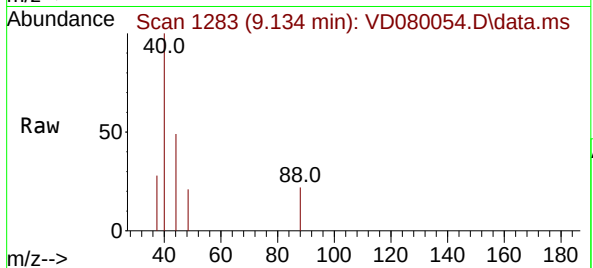
Tgt Ion: 88 Resp: 62

Ion Ratio Lower Upper

88 100

43 0.0 29.1 43.7#

58 0.0 59.9 89.9#



#50

Toluene-d8

Concen: 34.010 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD080054.D

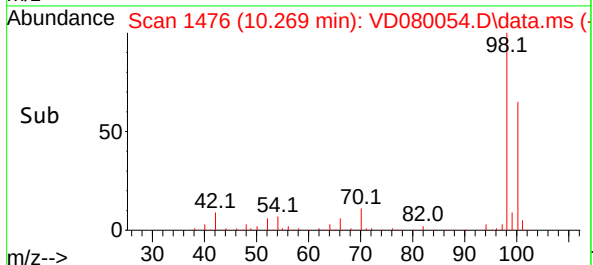
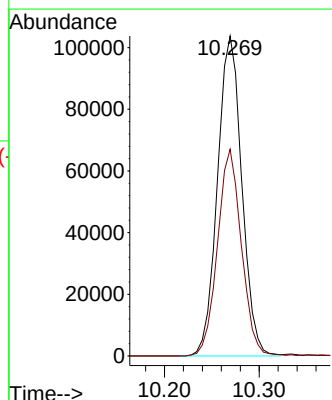
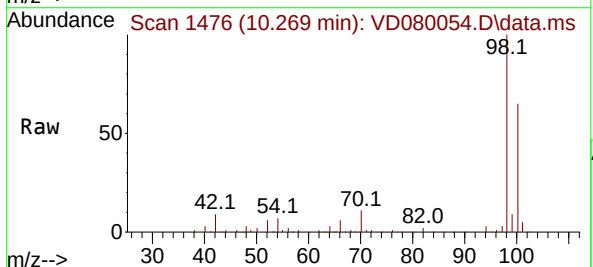
Acq: 17 Nov 2024 20:43

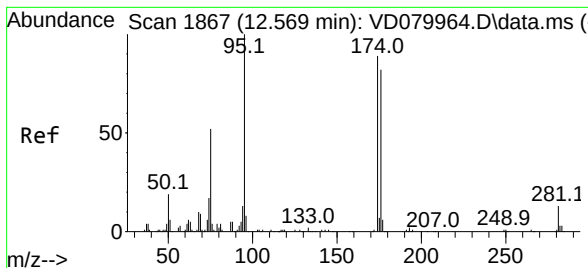
Tgt Ion: 98 Resp: 185548

Ion Ratio Lower Upper

98 100

100 63.4 50.2 75.4

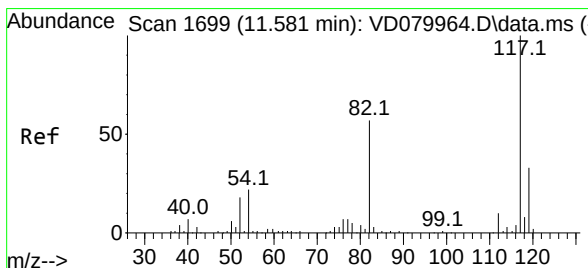
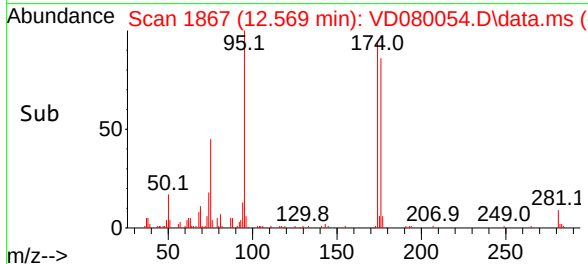
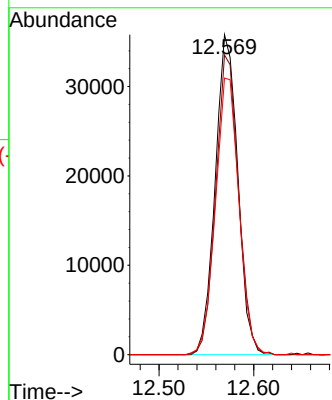
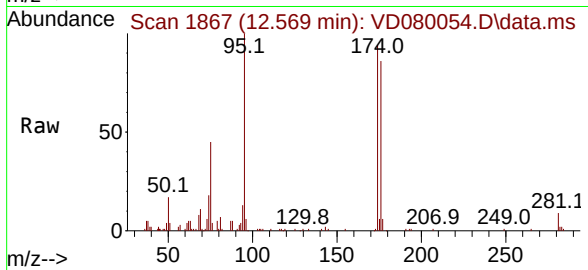




#62
4-Bromofluorobenzene
Concen: 33.101 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD080054.D
Acq: 17 Nov 2024 20:43

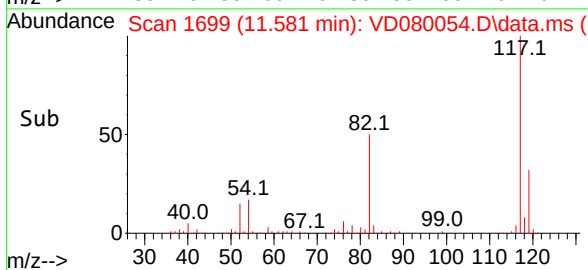
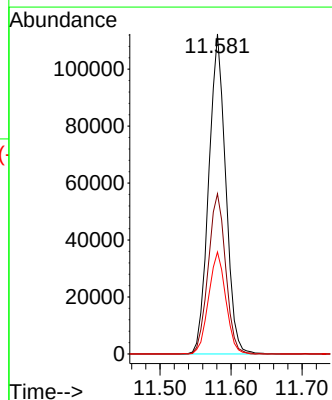
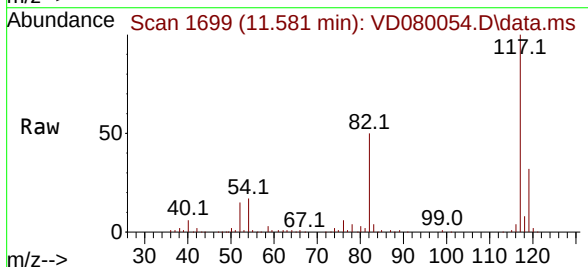
Instrument :
MSVOA_D
ClientSampleId :

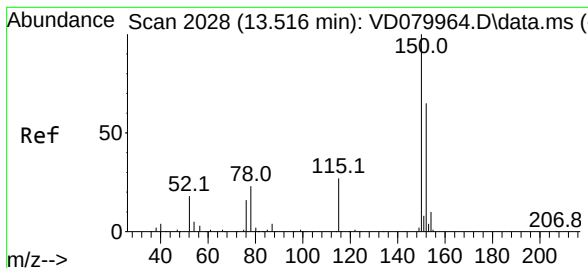
Tgt Ion: 95 Resp: 59250
Ion Ratio Lower Upper
95 100
174 94.4 0.0 173.4
176 90.2 0.0 166.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD080054.D
Acq: 17 Nov 2024 20:43

Tgt Ion: 117 Resp: 186174
Ion Ratio Lower Upper
117 100
82 50.1 45.8 68.6
119 31.8 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: VD080054.D

Acq: 17 Nov 2024 20:43

Instrument :

MSVOA_D

ClientSampleId :

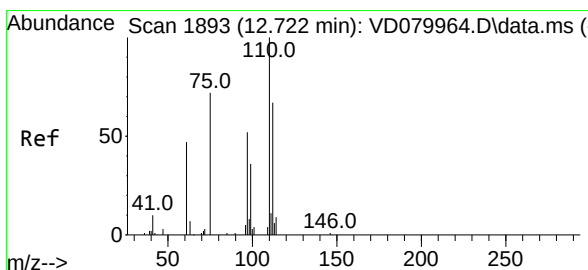
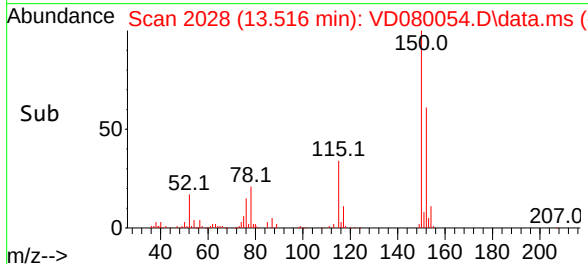
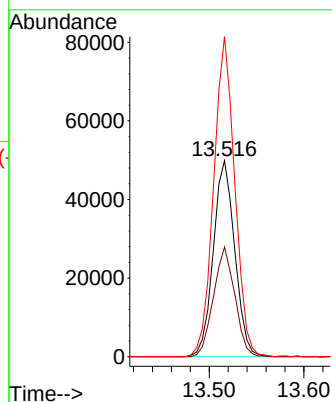
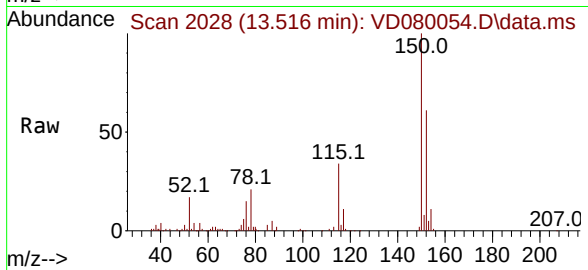
Tgt Ion:152 Resp: 78669

Ion Ratio Lower Upper

152 100

115 55.5 28.9 86.8

150 160.4 0.0 354.8



#76

1,2,3-Trichloropropane

Concen: 40.716 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD080054.D

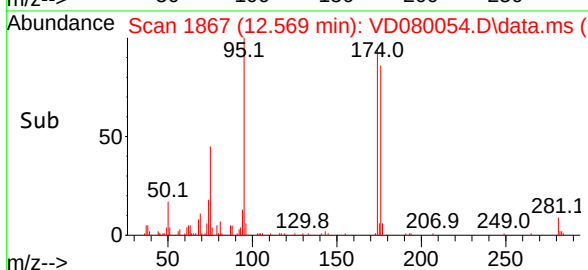
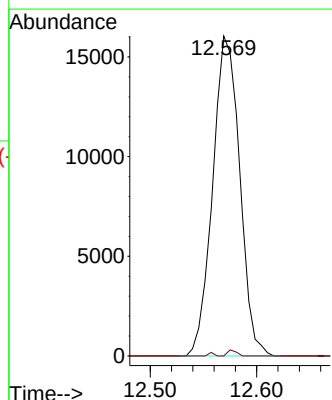
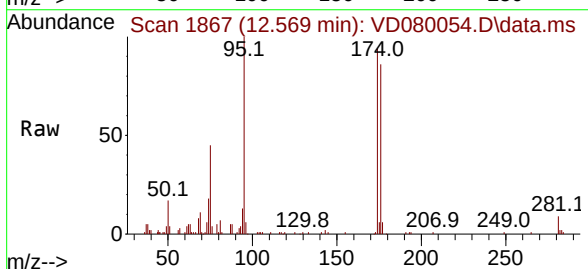
Acq: 17 Nov 2024 20:43

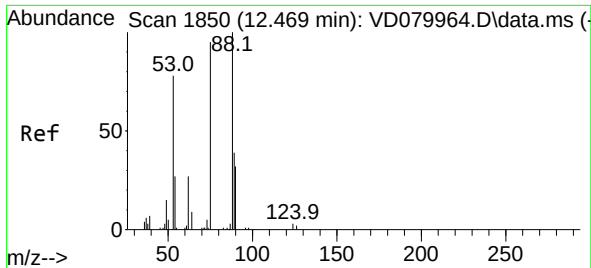
Tgt Ion: 75 Resp: 28284

Ion Ratio Lower Upper

75 100

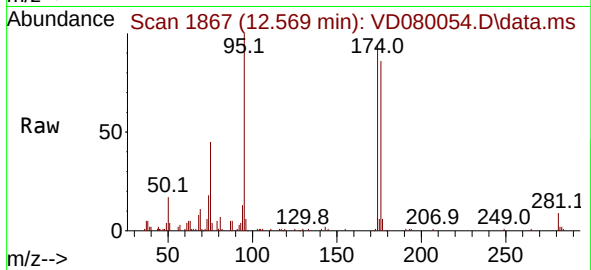
77 0.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 83.331 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD080054.D
Acq: 17 Nov 2024 20:43

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	75	Resp:	28284
Ion	Ratio	Lower	Upper
75	100		
53	0.2	68.7	103.1#
89	0.0	36.1	54.1#

