

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111824\
 Data File : VD080071.D
 Acq On : 18 Nov 2024 16:12
 Operator : RP/MD
 Sample : P4850-01
 Misc : 5.04G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 04:48:30 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)

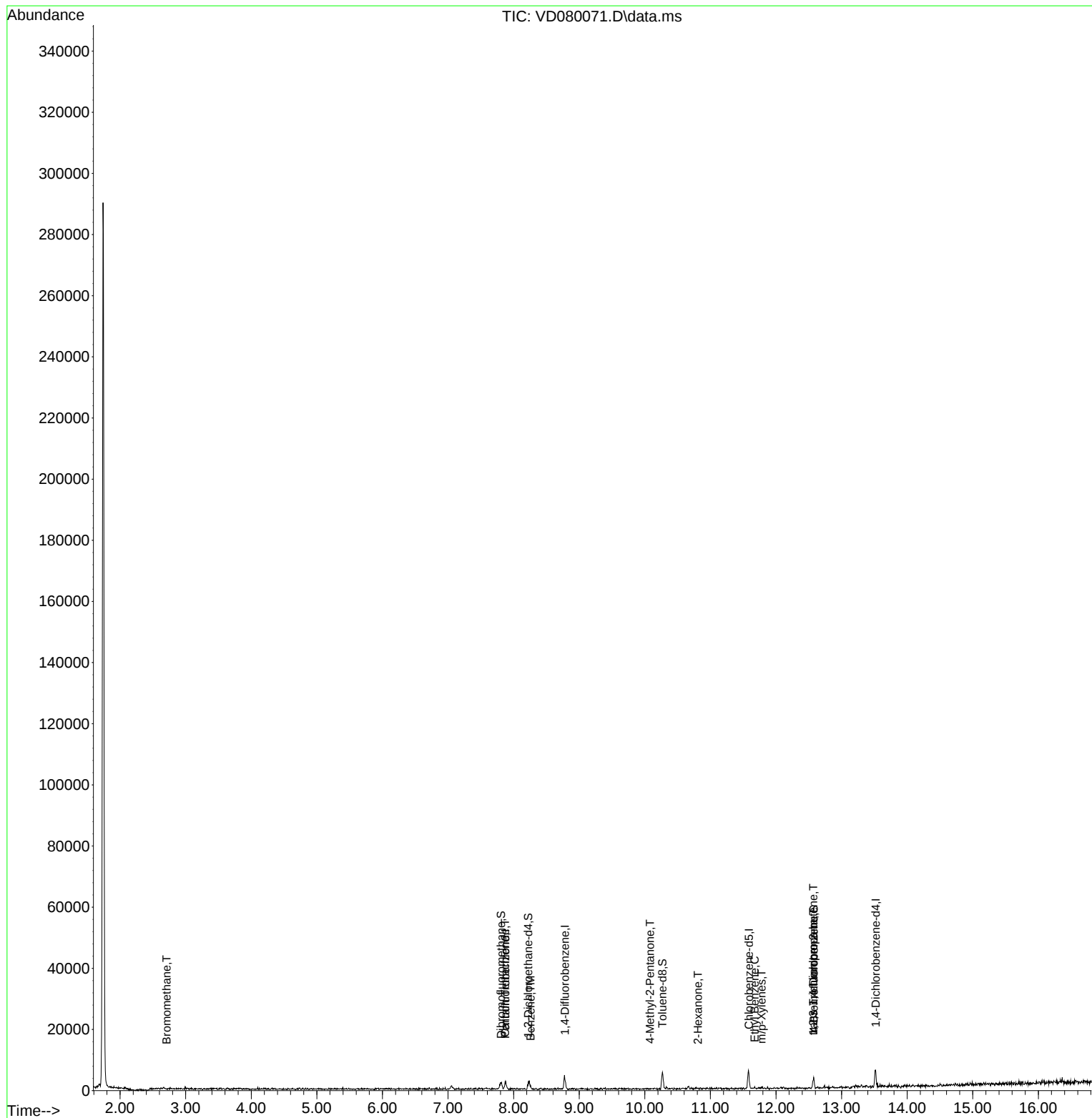
Internal Standards						
1) Pentafluorobenzene	7.875	168	2953	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	4817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	4484	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	1533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	2083	68.511	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.020%	
35) Dibromofluoromethane	7.810	113	2228	69.497	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 139.000%	
50) Toluene-d8	10.269	98	4746	39.279	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 78.560%	
62) 4-Bromofluorobenzene	12.575	95	1599	40.335	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 80.680%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.711	94	73	2.779	ug/l	88
38) Carbon Tetrachloride	7.869	117	100	2.088	ug/l	# 14
40) Benzene	8.258	78	780	5.708	ug/l	# 50
51) 4-Methyl-2-Pentanone	10.081	43	62	3.578	ug/l	# 34
59) 2-Hexanone	10.810	43	54	4.236	ug/l	# 24
67) Ethyl Benzene	11.675	91	286	1.743	ug/l	# 45
68) m/p-Xylenes	11.781	106	121	1.886	ug/l	# 65
76) 1,2,3-Trichloropropane	12.569	75	666	49.200	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	666	100.694	ug/l	# 15

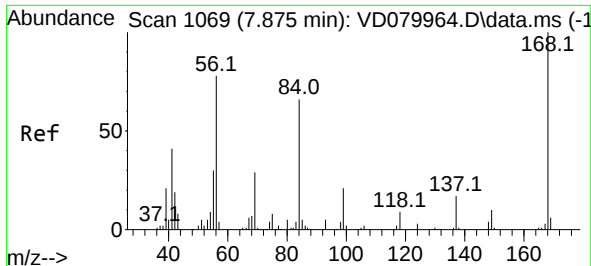
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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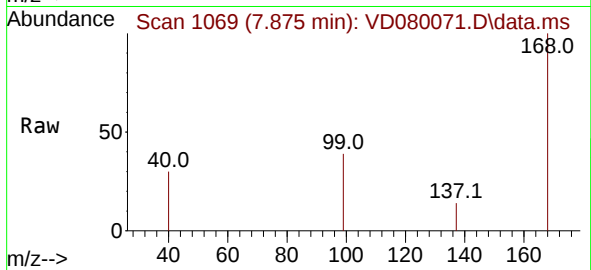
Quant Time: Nov 19 04:48:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 15 16:25:47 2024
Response via : Initial Calibration



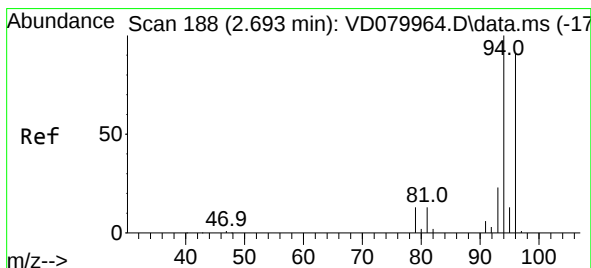
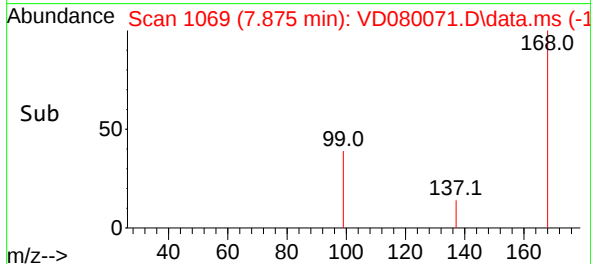
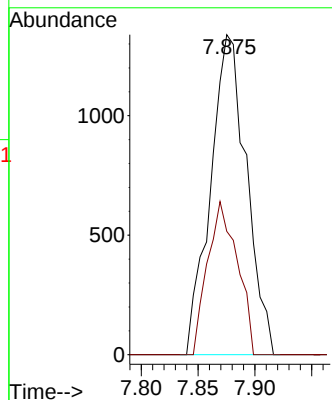


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD080071.D
Acq: 18 Nov 2024 16:12

Instrument :
MSVOA_D
ClientSampleId :

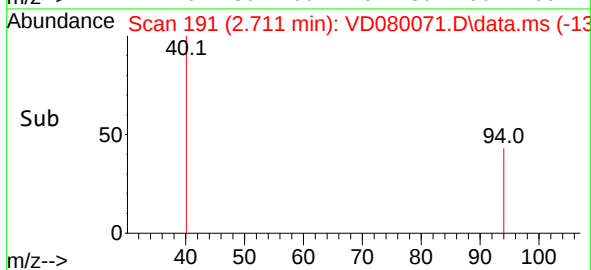
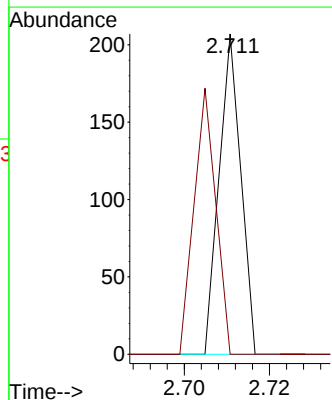
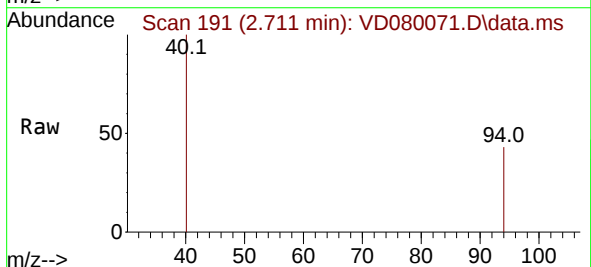


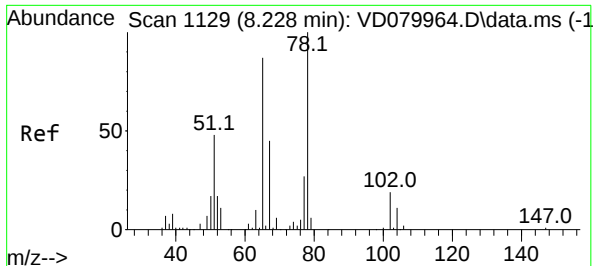
Tgt Ion:168 Resp: 2953
Ion Ratio Lower Upper
168 100
99 38.5 46.0 69.0#



#5
Bromomethane
Concen: 2.779 ug/l
RT: 2.711 min Scan# 191
Delta R.T. 0.018 min
Lab File: VD080071.D
Acq: 18 Nov 2024 16:12

Tgt Ion: 94 Resp: 73
Ion Ratio Lower Upper
94 100
96 83.6 76.2 114.2





#33

1,2-Dichloroethane-d4

Concen: 68.511 ug/l

RT: 8.222 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD080071.D

Acq: 18 Nov 2024 16:12

Instrument :

MSVOA_D

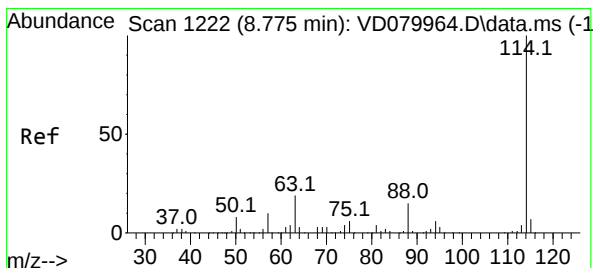
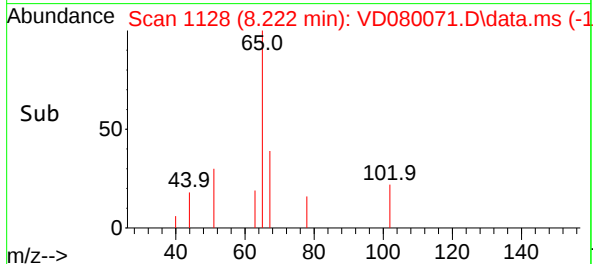
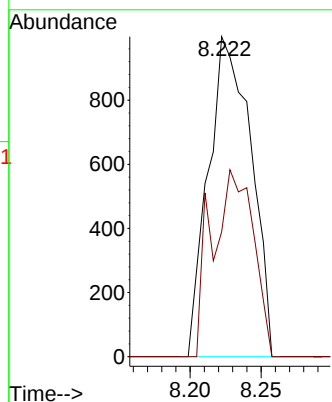
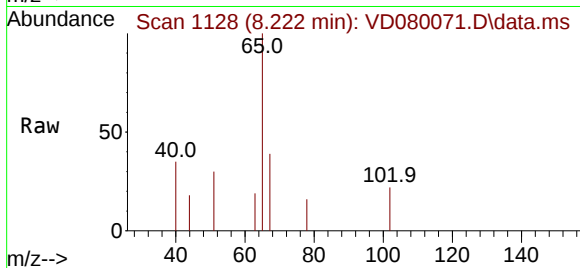
ClientSampleId :

Tgt Ion: 65 Resp: 2083

Ion Ratio Lower Upper

65 100

67 56.8 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: VD080071.D

Acq: 18 Nov 2024 16:12

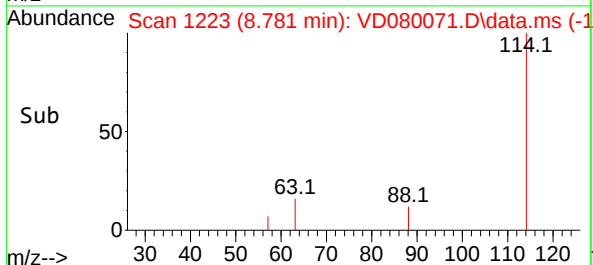
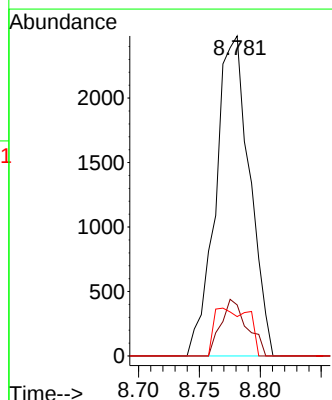
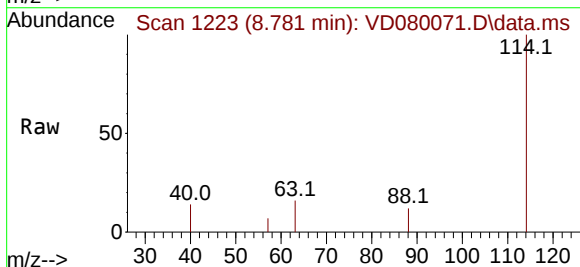
Tgt Ion: 114 Resp: 4817

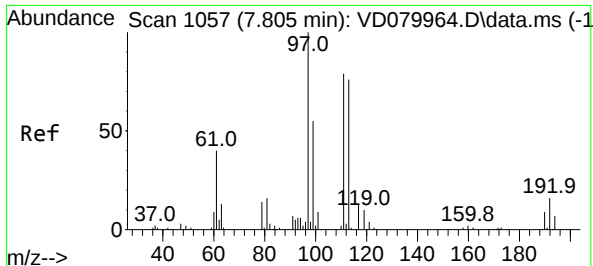
Ion Ratio Lower Upper

114 100

63 16.0 0.0 38.8

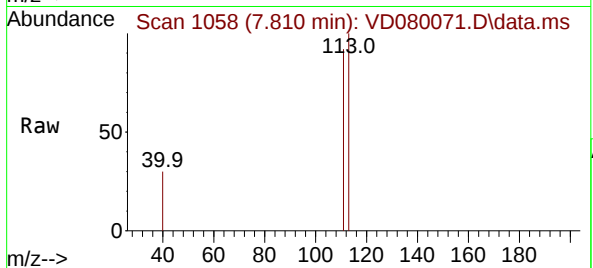
88 12.3 0.0 30.6



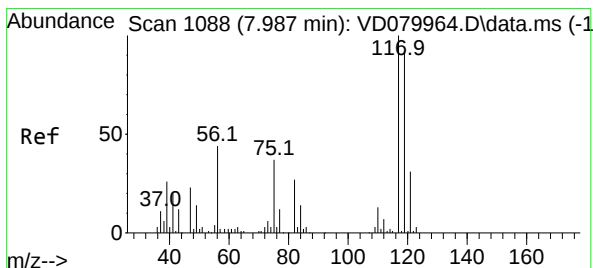
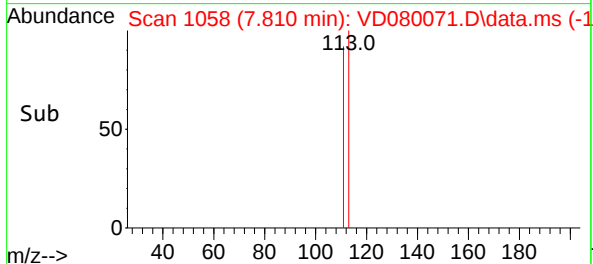
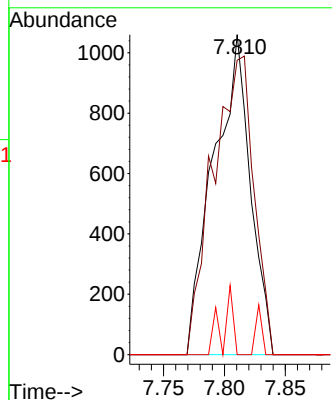


#35
Dibromofluoromethane
Concen: 69.497 ug/l
RT: 7.810 min Scan# 1057
Delta R.T. 0.005 min
Lab File: VD080071.D
Acq: 18 Nov 2024 16:12

Instrument :
MSVOA_D
ClientSampleId :

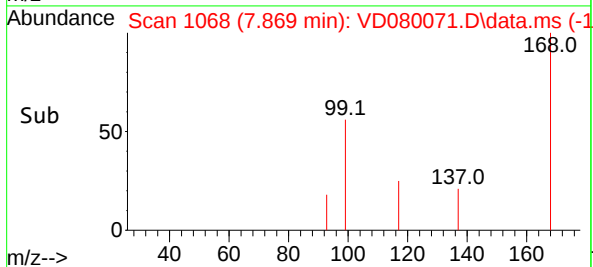
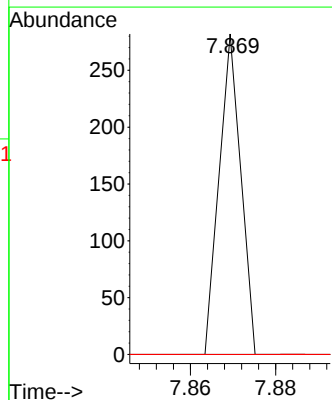
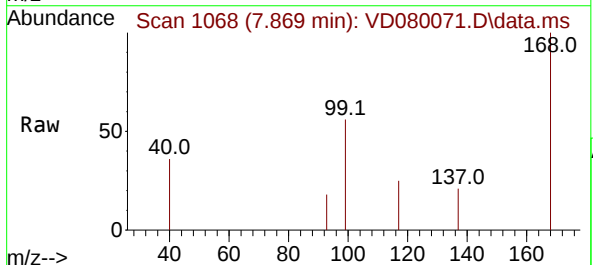


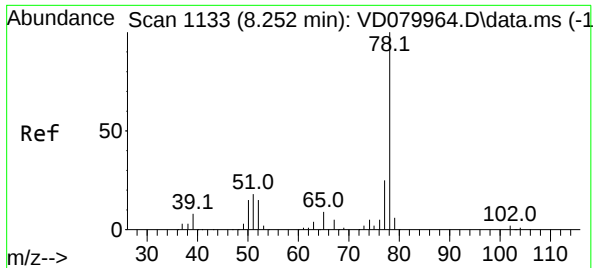
Tgt Ion:113 Resp: 2228
Ion Ratio Lower Upper
113 100
111 103.7 82.5 123.7
192 2.6 16.6 25.0#



#38
Carbon Tetrachloride
Concen: 2.088 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.118 min
Lab File: VD080071.D
Acq: 18 Nov 2024 16:12

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





#40

Benzene

Concen: 5.708 ug/l

RT: 8.258 min Scan# 1134

Delta R.T. 0.005 min

Lab File: VD080071.D

Acq: 18 Nov 2024 16:12

Instrument :

MSVOA_D

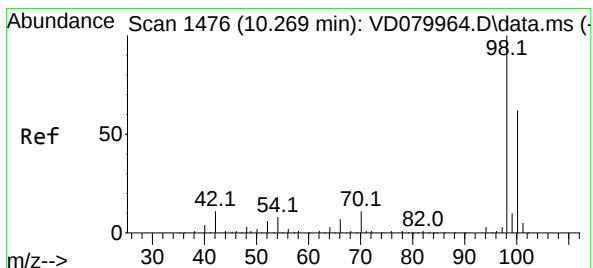
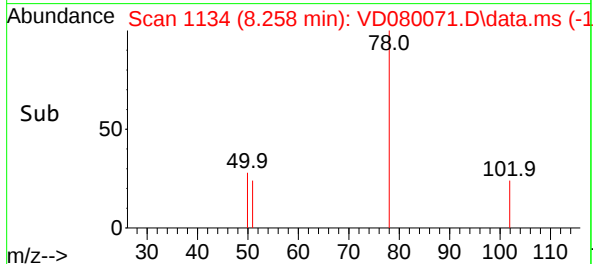
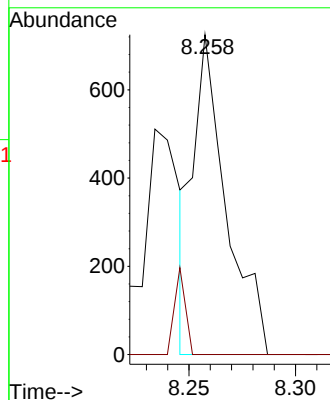
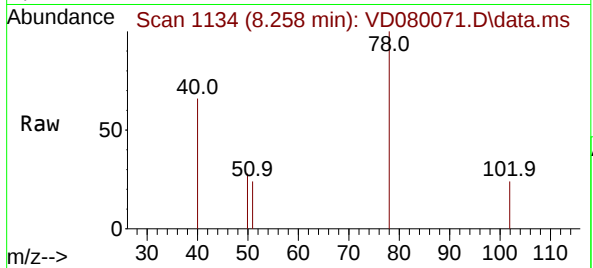
ClientSampleId :

Tgt Ion: 78 Resp: 780

Ion Ratio Lower Upper

78 100

77 0.0 20.2 30.4#



#50

Toluene-d8

Concen: 39.279 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD080071.D

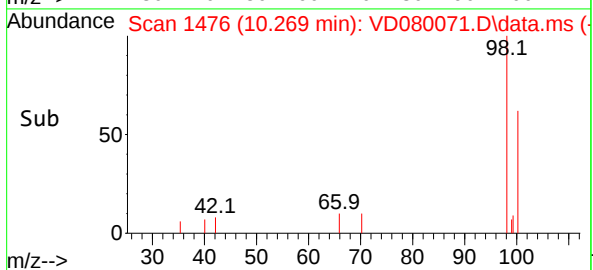
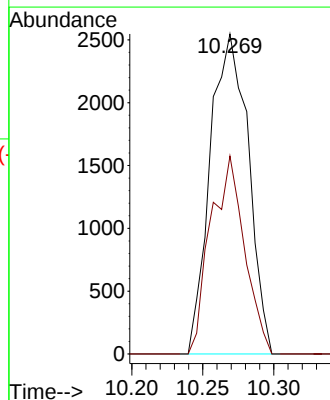
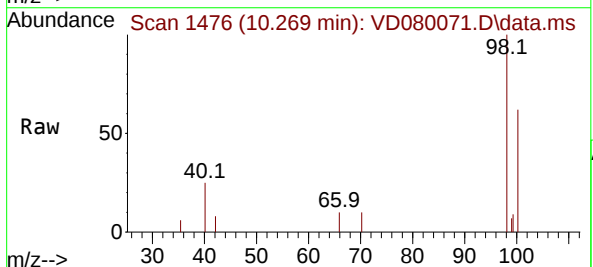
Acq: 18 Nov 2024 16:12

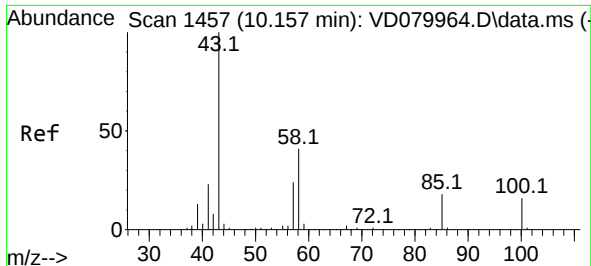
Tgt Ion: 98 Resp: 4746

Ion Ratio Lower Upper

98 100

100 55.2 50.2 75.4





#51

4-Methyl-2-Pentanone

Concen: 3.578 ug/l

RT: 10.081 min Scan# 14

Delta R.T. -0.076 min

Lab File: VD080071.D

Acq: 18 Nov 2024 16:12

Instrument :

MSVOA_D

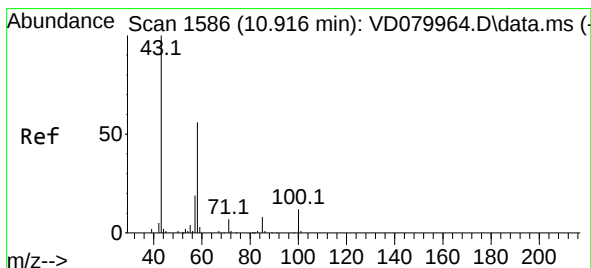
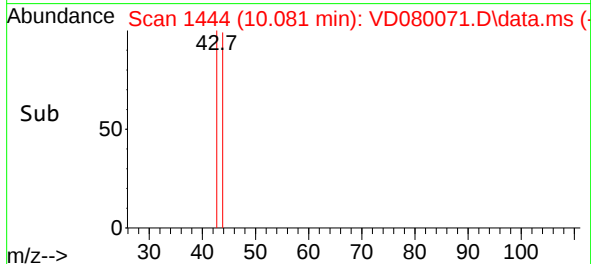
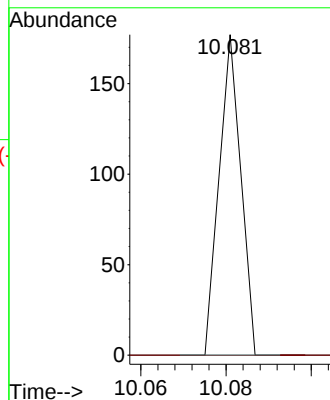
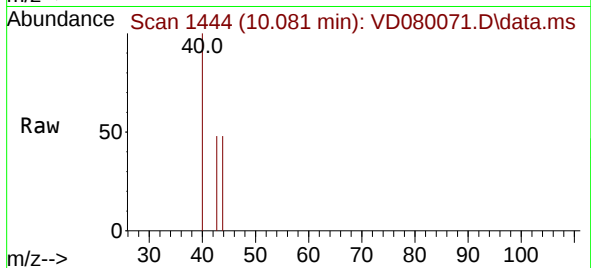
ClientSampleId :

Tgt Ion: 43 Resp: 62

Ion Ratio Lower Upper

43 100

58 0.0 32.8 49.2#



#59

2-Hexanone

Concen: 4.236 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.106 min

Lab File: VD080071.D

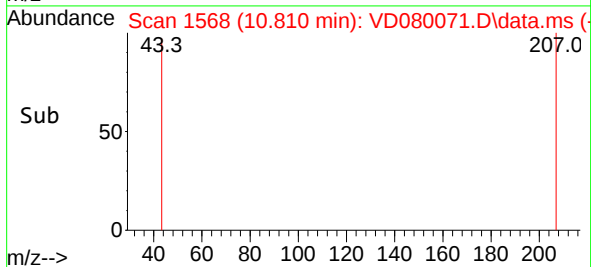
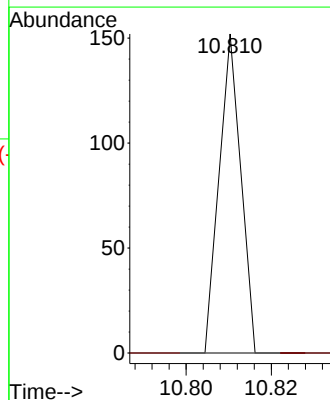
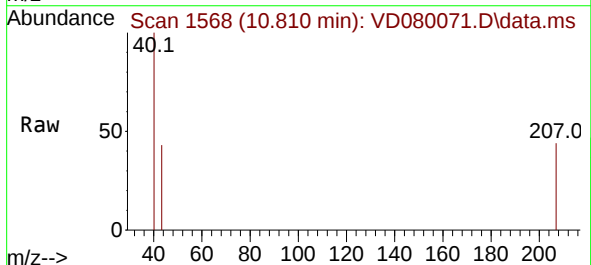
Acq: 18 Nov 2024 16:12

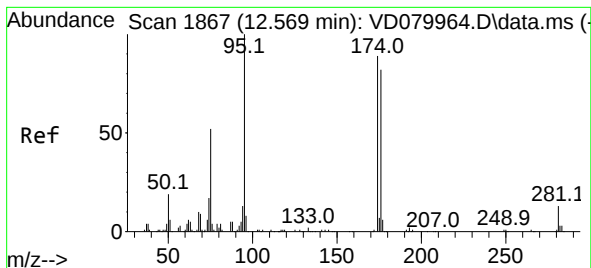
Tgt Ion: 43 Resp: 54

Ion Ratio Lower Upper

43 100

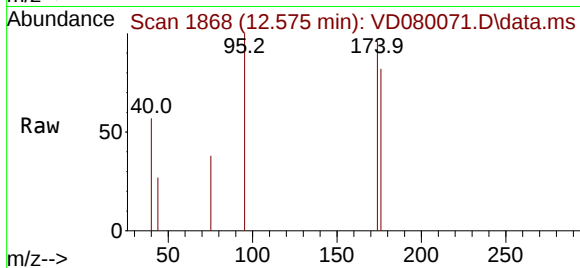
58 0.0 27.8 83.4#



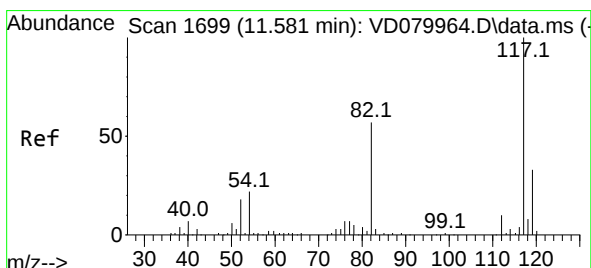
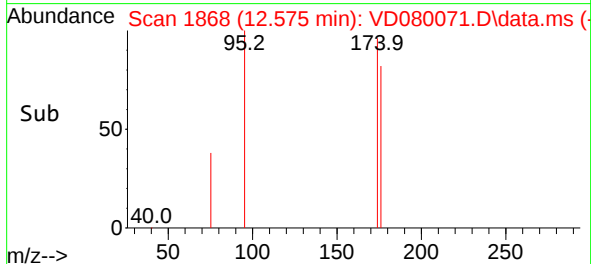
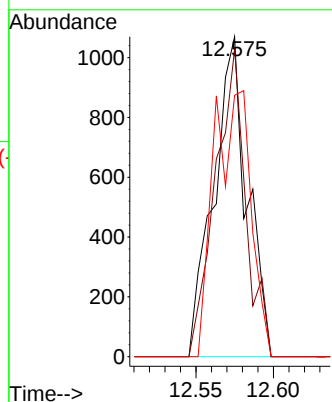


#62
4-Bromofluorobenzene
Concen: 40.335 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD080071.D
Acq: 18 Nov 2024 16:12

Instrument :
MSVOA_D
ClientSampleId :

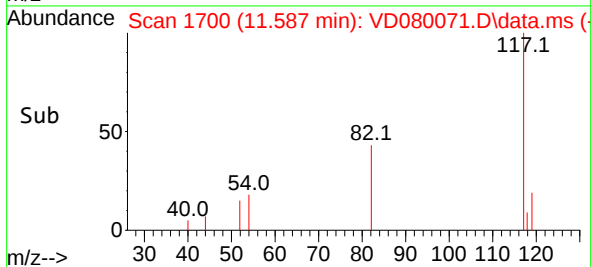
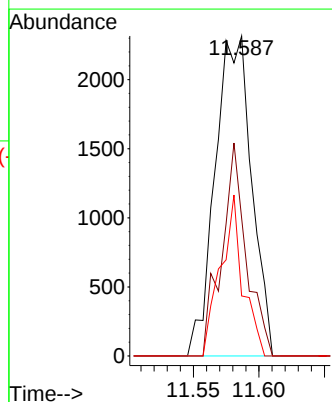
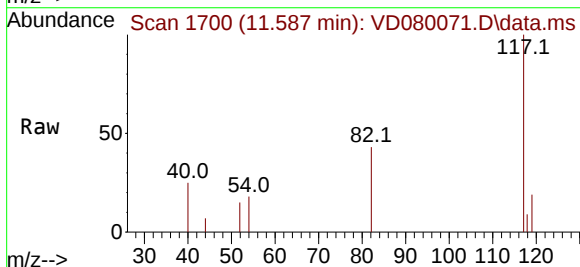


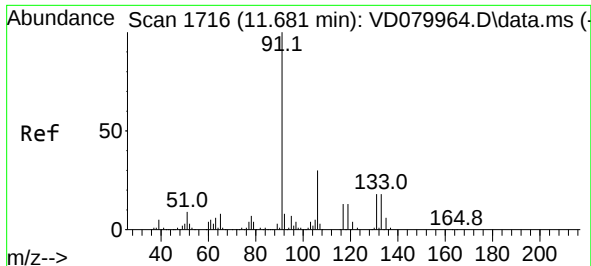
Tgt Ion: 95 Resp: 1599
Ion Ratio Lower Upper
95 100
174 87.9 0.0 173.4
176 92.5 0.0 166.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD080071.D
Acq: 18 Nov 2024 16:12

Tgt Ion: 117 Resp: 4484
Ion Ratio Lower Upper
117 100
82 43.0 45.8 68.6#
119 18.8 26.2 39.2#





#67

Ethyl Benzene

Concen: 1.743 ug/l

RT: 11.675 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VD080071.D

Acq: 18 Nov 2024 16:12

Instrument :

MSVOA_D

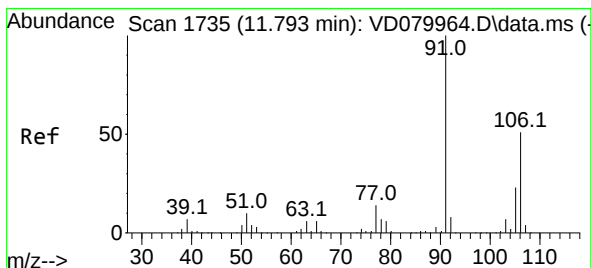
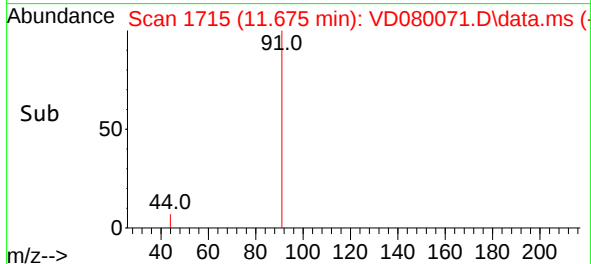
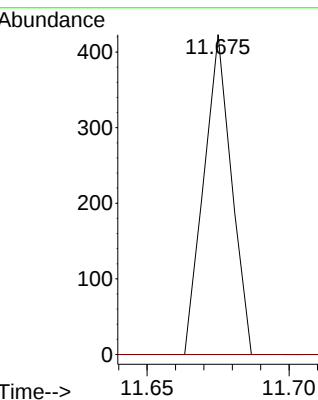
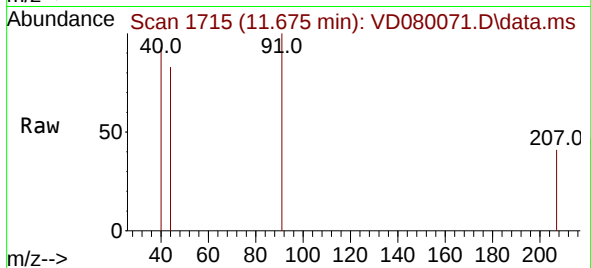
ClientSampleId :

Tgt Ion: 91 Resp: 286

Ion Ratio Lower Upper

91 100

106 0.0 23.6 35.4#



#68

m/p-Xylenes

Concen: 1.886 ug/l

RT: 11.781 min Scan# 1733

Delta R.T. -0.012 min

Lab File: VD080071.D

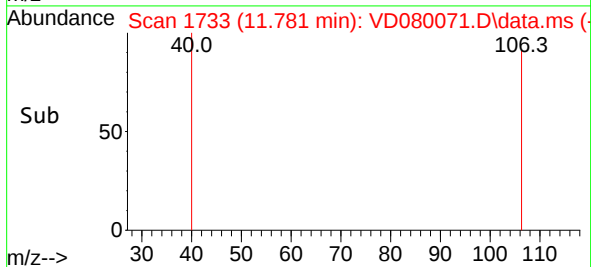
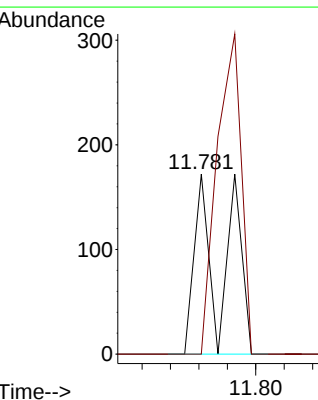
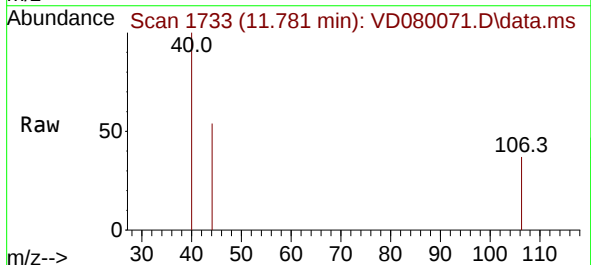
Acq: 18 Nov 2024 16:12

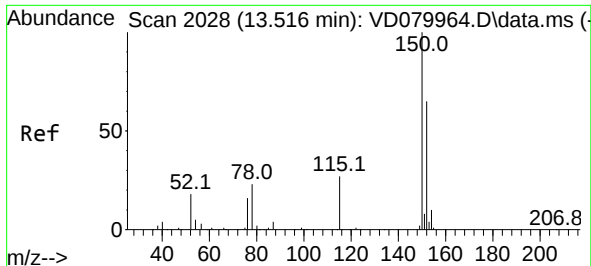
Tgt Ion:106 Resp: 121

Ion Ratio Lower Upper

106 100

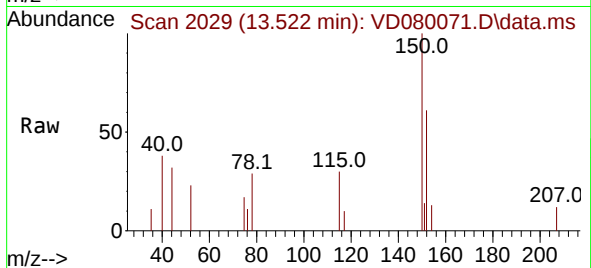
91 149.6 162.6 244.0#



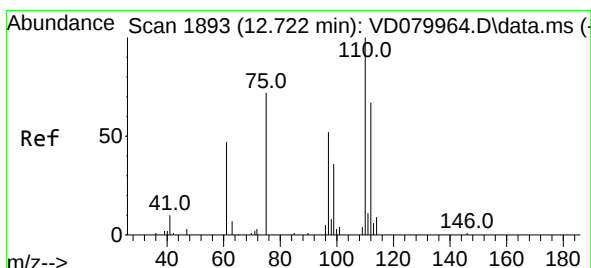
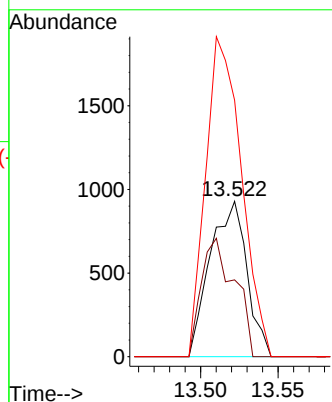
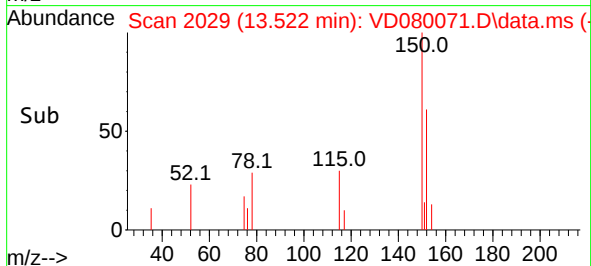


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD080071.D
 Acq: 18 Nov 2024 16:12

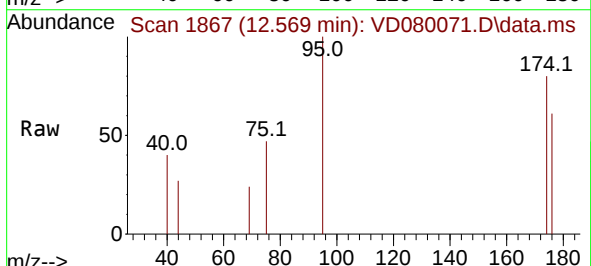
Instrument :
 MSVOA_D
 ClientSampleId :



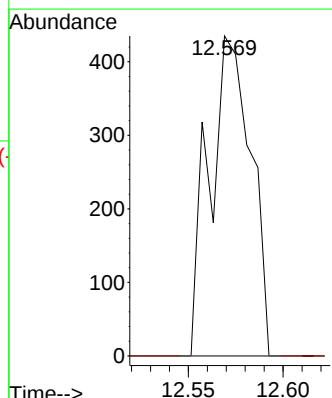
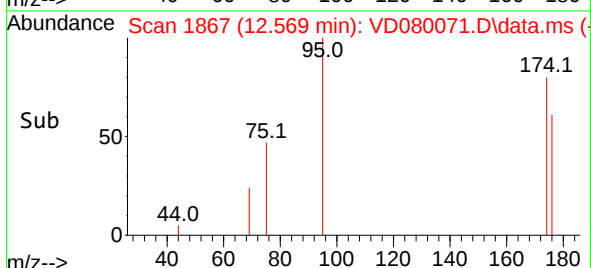
Tgt Ion:152 Resp: 1533
 Ion Ratio Lower Upper
 152 100
 115 68.7 28.9 86.8
 150 199.9 0.0 354.8

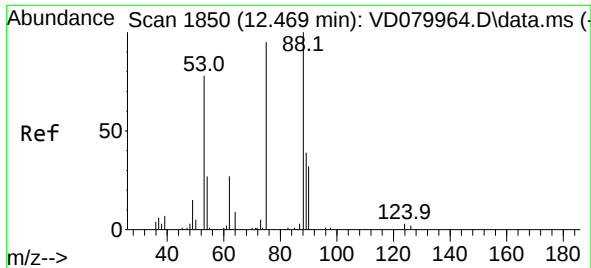


#76
 1,2,3-Trichloropropane
 Concen: 49.200 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD080071.D
 Acq: 18 Nov 2024 16:12



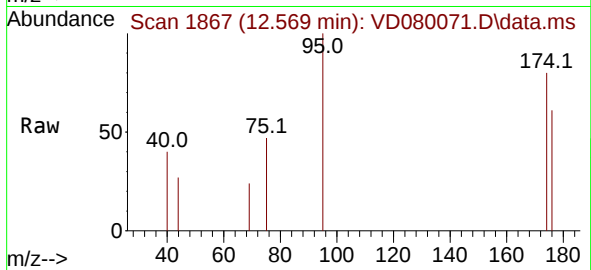
Tgt Ion: 75 Resp: 666
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 100.694 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD080071.D
Acq: 18 Nov 2024 16:12

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 666
Ion Ratio Lower Upper
75 100
53 0.0 68.7 103.1#
89 0.0 36.1 54.1#

