

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111724\
 Data File : VD080046.D
 Acq On : 17 Nov 2024 17:07
 Operator : RP/MD
 Sample : P4834-03
 Misc : 5.03G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 18 04:25:47 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)

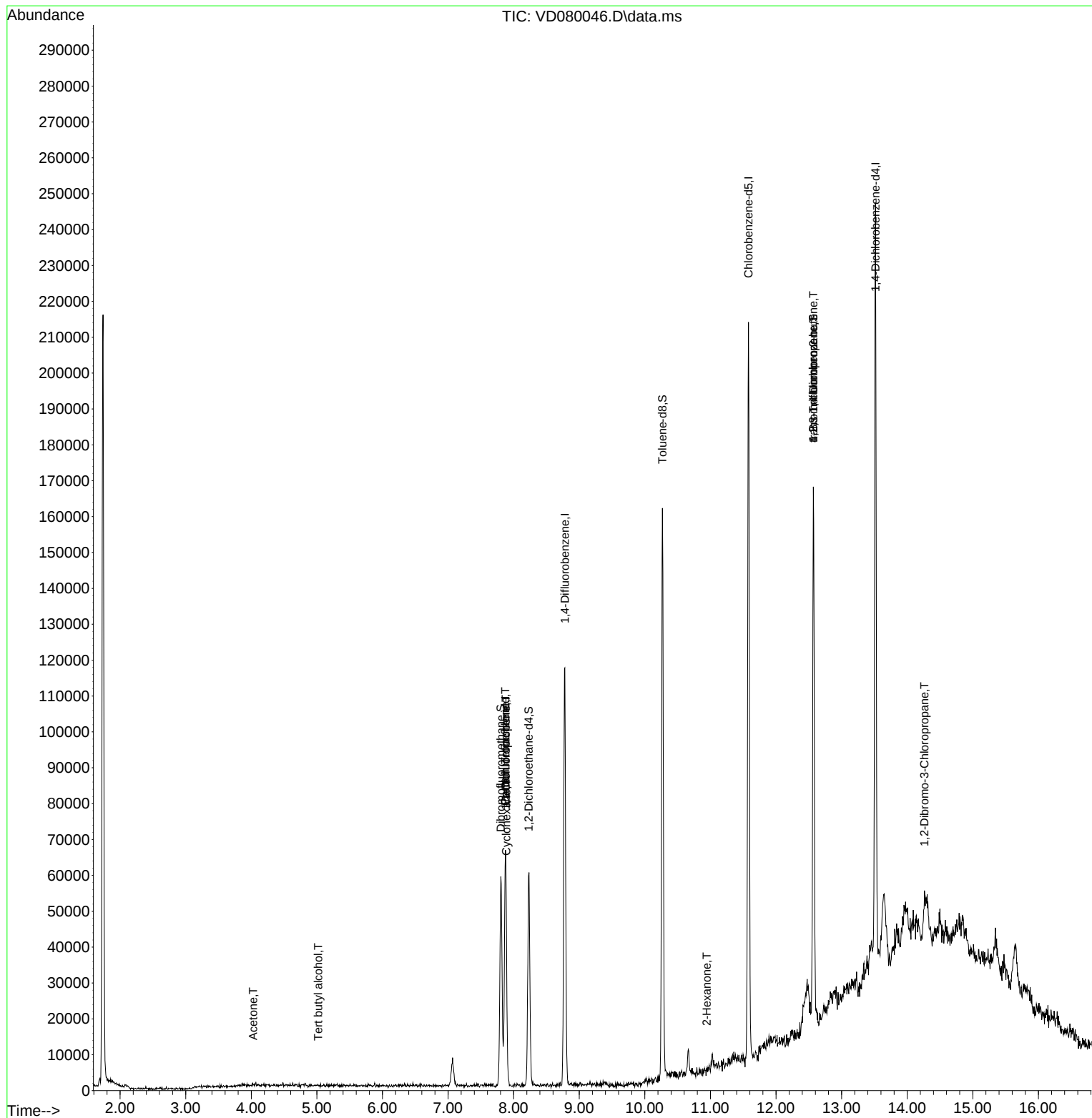
Internal Standards						
1) Pentafluorobenzene	7.875	168	54211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	106028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	121726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	60204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	46621	83.527	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 167.060%#	
35) Dibromofluoromethane	7.804	113	41613	58.971	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.940%	
50) Toluene-d8	10.269	98	112497	42.299	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 84.600%	
62) 4-Bromofluorobenzene	12.569	95	49718	56.978	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.960%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.022	59	56	1.928	ug/l #	82
16) Acetone	4.028	43	179	1.478	ug/l #	43
31) Cyclohexane	7.887	56	910	1.001	ug/l #	67
36) 1,1-Dichloropropene	7.881	75	4156	4.307	ug/l #	42
38) Carbon Tetrachloride	7.875	117	5012	4.754	ug/l #	21
59) 2-Hexanone	10.945	43	315	1.123	ug/l	65
76) 1,2,3-Trichloropropane	12.569	75	23196	43.633	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	23196	89.301	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	14.263	75	144	1.276	ug/l	82

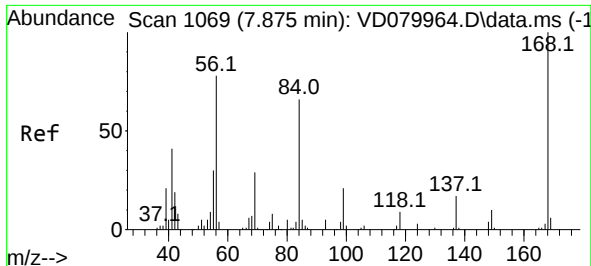
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111724\
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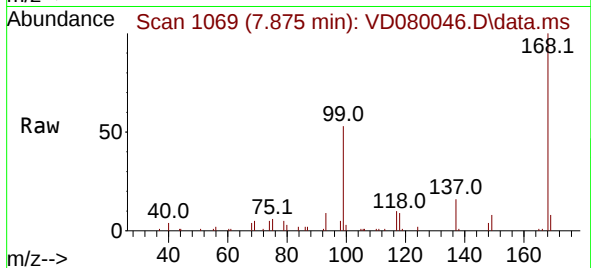
Quant Time: Nov 18 04:25:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 15 16:25:47 2024
Response via : Initial Calibration



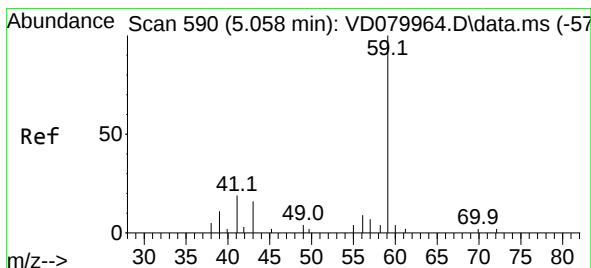
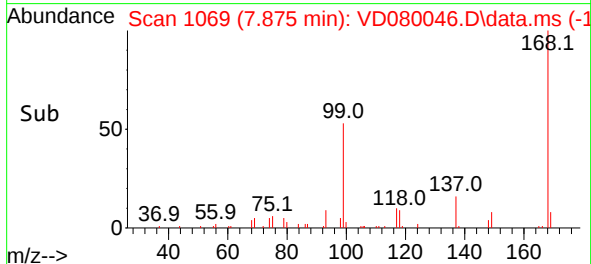
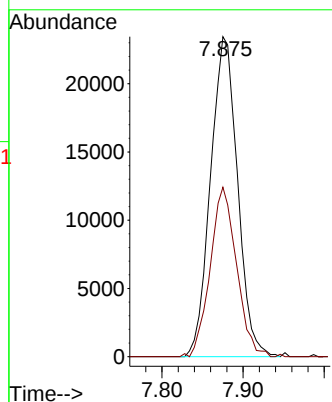


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD080046.D
Acq: 17 Nov 2024 17:07

Instrument :
MSVOA_D
ClientSampleId :

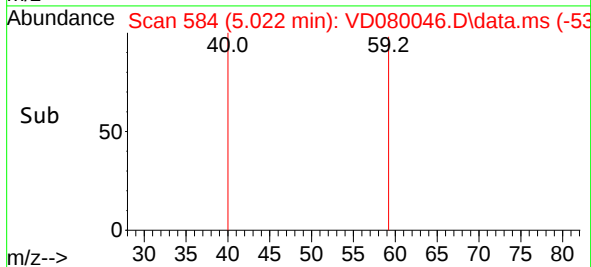
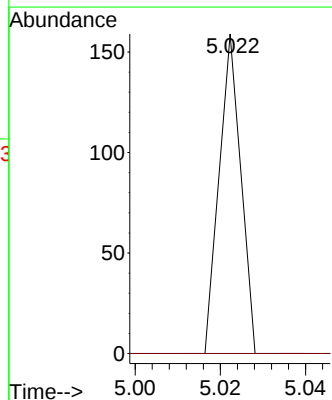
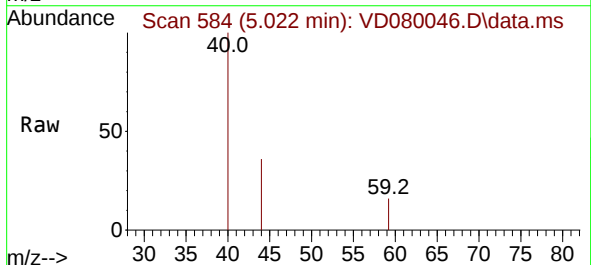


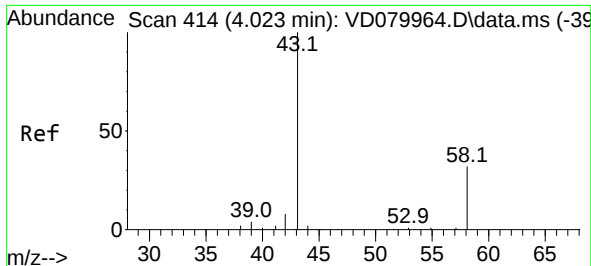
Tgt Ion:168 Resp: 54211
Ion Ratio Lower Upper
168 100
99 52.9 46.0 69.0



#11
Tert butyl alcohol
Concen: 1.928 ug/l
RT: 5.022 min Scan# 584
Delta R.T. -0.036 min
Lab File: VD080046.D
Acq: 17 Nov 2024 17:07

Tgt Ion: 59 Resp: 56
Ion Ratio Lower Upper
59 100
57 0.0 4.8 7.2#





#16

Acetone

Concen: 1.478 ug/l

RT: 4.028 min Scan# 41

Delta R.T. 0.005 min

Lab File: VD080046.D

Acq: 17 Nov 2024 17:07

Instrument :

MSVOA_D

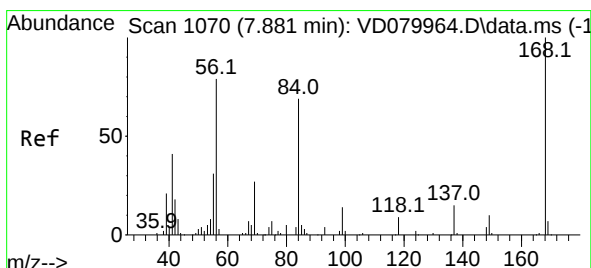
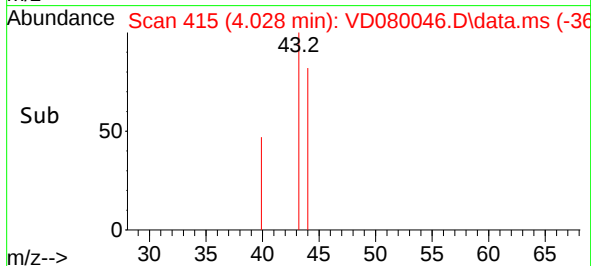
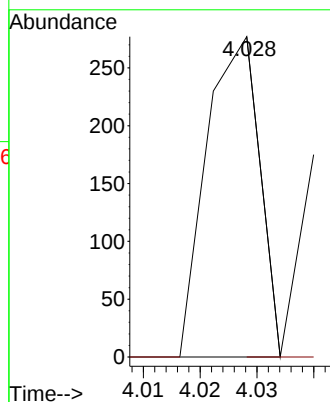
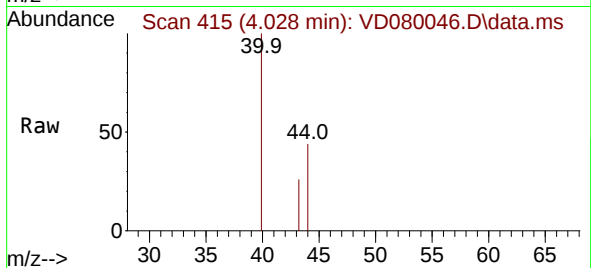
ClientSampleId :

Tgt Ion: 43 Resp: 179

Ion Ratio Lower Upper

43 100

58 0.0 25.4 38.2#



#31

Cyclohexane

Concen: 1.001 ug/l

RT: 7.887 min Scan# 1071

Delta R.T. 0.006 min

Lab File: VD080046.D

Acq: 17 Nov 2024 17:07

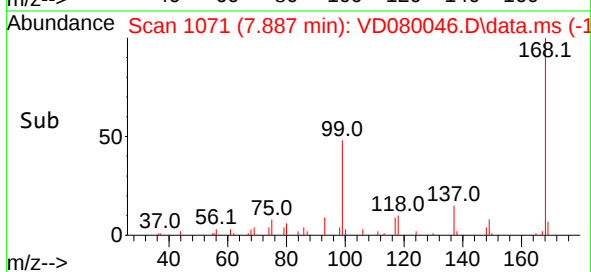
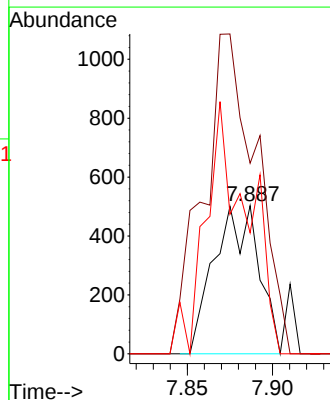
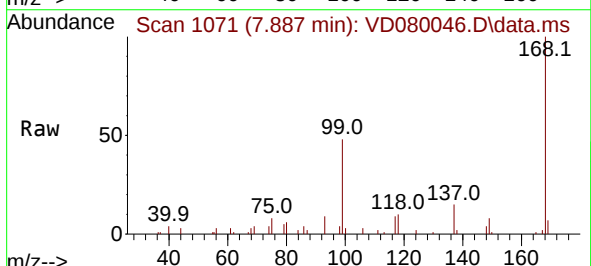
Tgt Ion: 56 Resp: 910

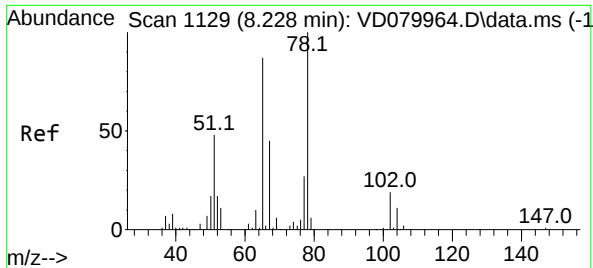
Ion Ratio Lower Upper

56 100

69 91.7 27.3 40.9#

84 81.7 70.2 105.4

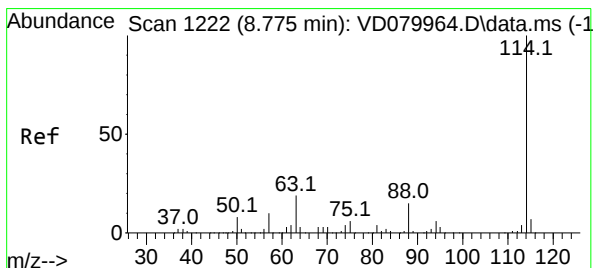
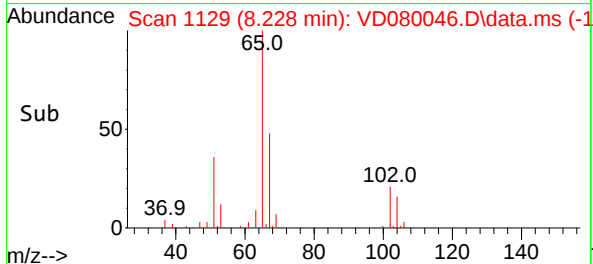
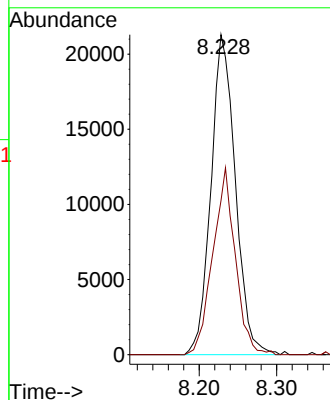
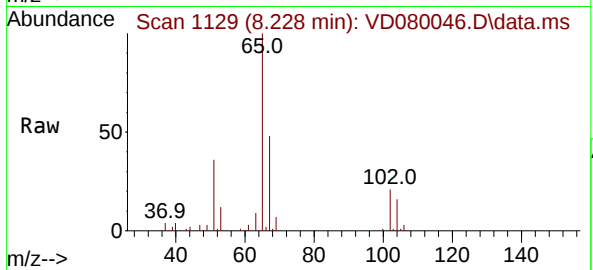




#33
 1,2-Dichloroethane-d4
 Concen: 83.527 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VD080046.D
 Acq: 17 Nov 2024 17:07

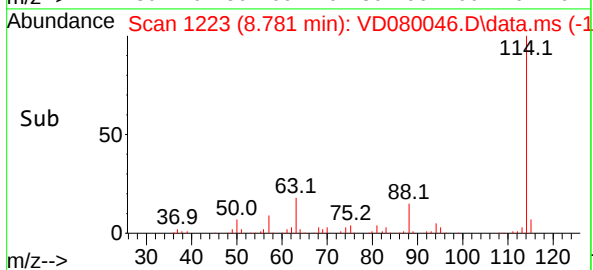
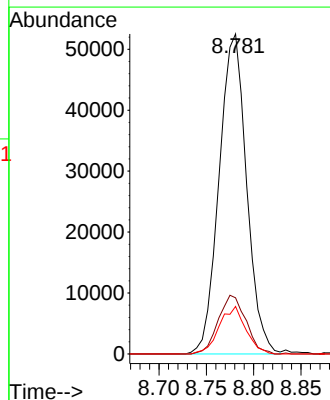
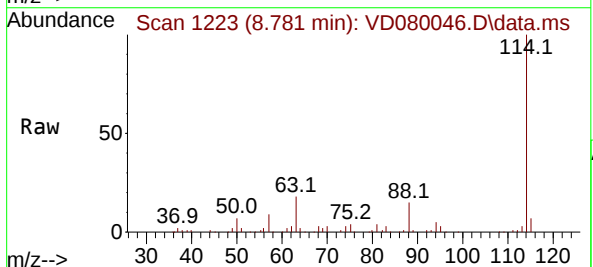
Instrument :
 MSVOA_D
 ClientSampleId :

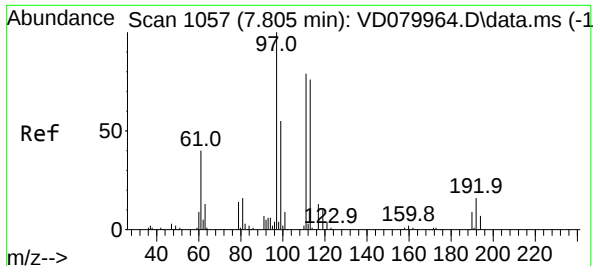
Tgt Ion: 65 Resp: 46621
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: VD080046.D
 Acq: 17 Nov 2024 17:07

Tgt Ion: 114 Resp: 106028
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 38.8
 88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 58.971 ug/l

RT: 7.804 min Scan# 1070

Delta R.T. -0.001 min

Lab File: VD080046.D

Acq: 17 Nov 2024 17:07

Instrument :

MSVOA_D

ClientSampleId :

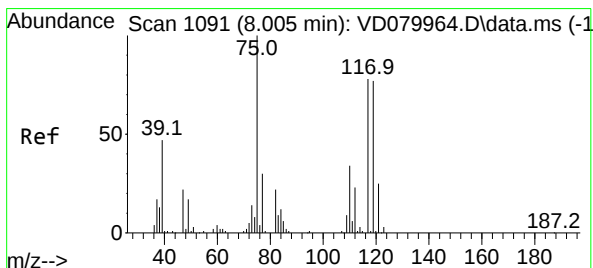
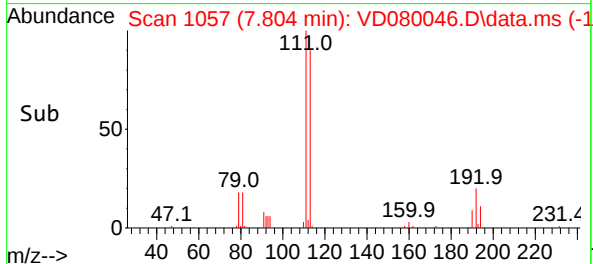
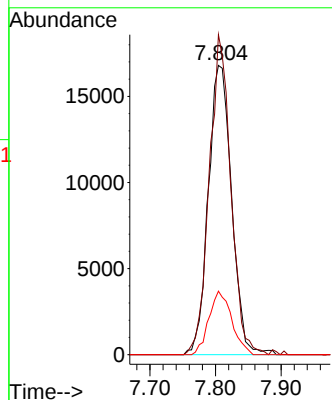
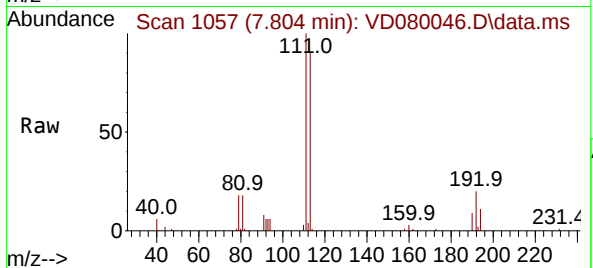
Tgt Ion:113 Resp: 41613

Ion Ratio Lower Upper

113 100

111 101.8 82.5 123.7

192 21.5 16.6 25.0



#36

1,1-Dichloropropene

Concen: 4.307 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.124 min

Lab File: VD080046.D

Acq: 17 Nov 2024 17:07

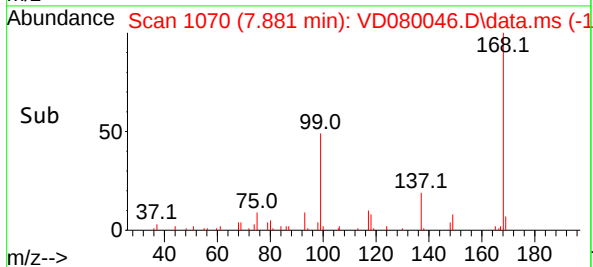
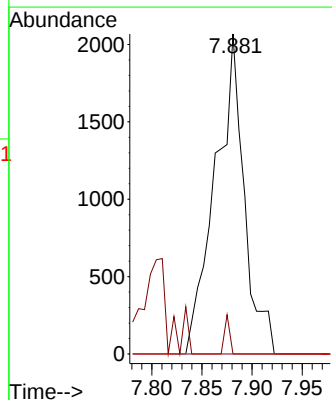
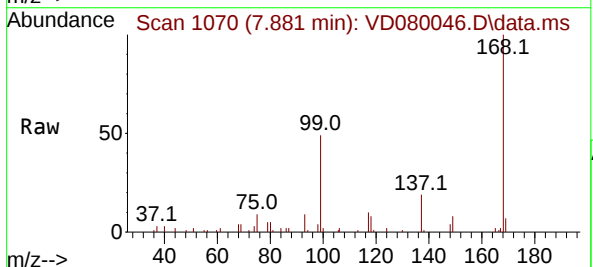
Tgt Ion: 75 Resp: 4156

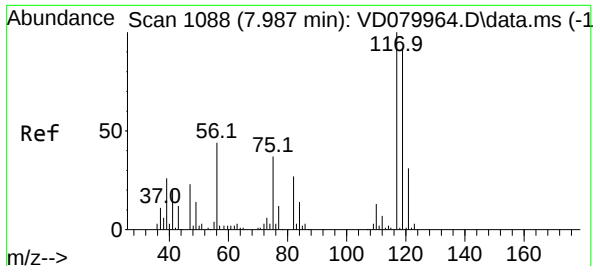
Ion Ratio Lower Upper

75 100

110 2.1 18.4 55.0#

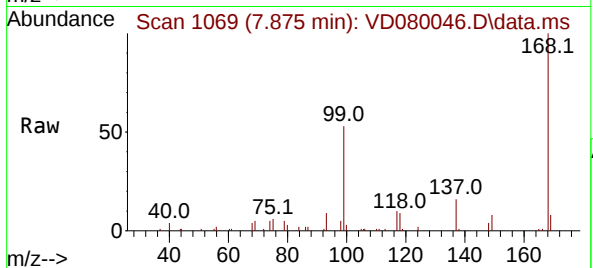
77 0.0 25.6 38.4#



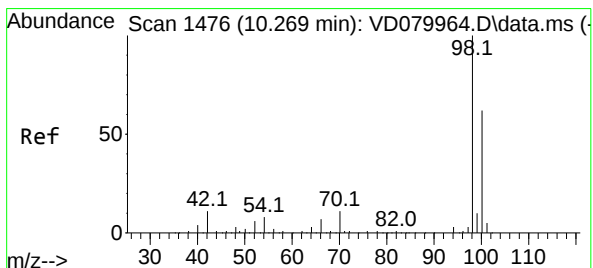
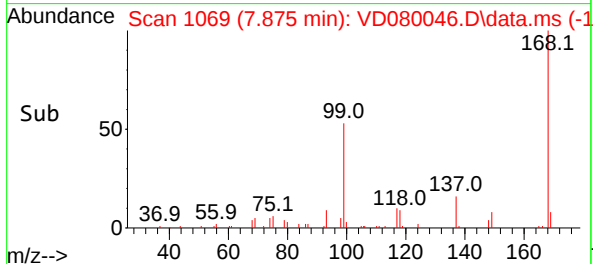
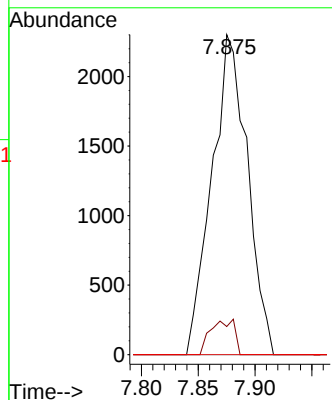


#38
Carbon Tetrachloride
Concen: 4.754 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.112 min
Lab File: VD080046.D
Acq: 17 Nov 2024 17:07

Instrument :
MSVOA_D
ClientSampleId :

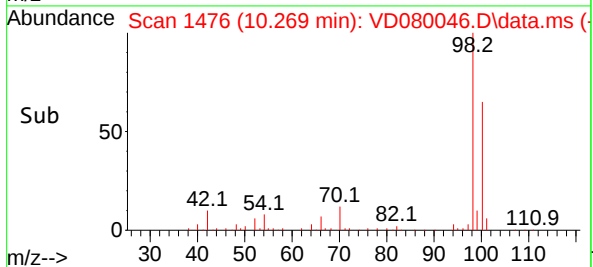
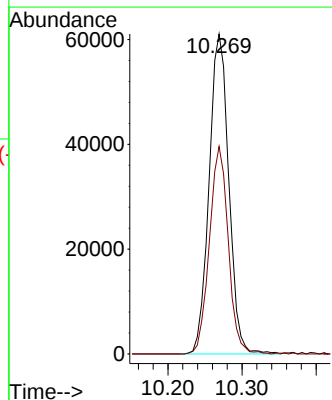
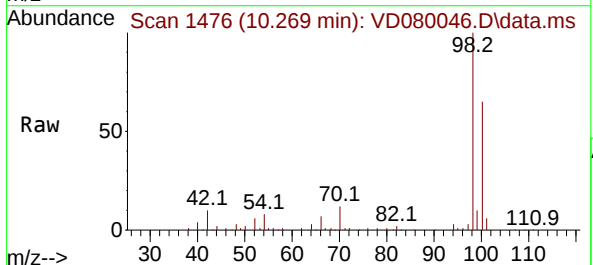


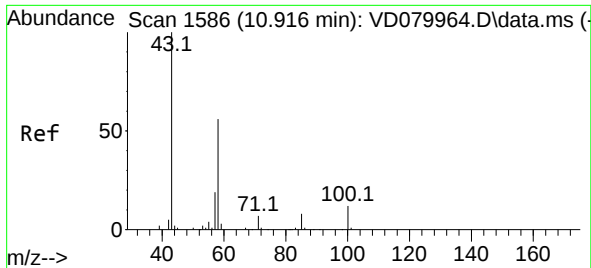
Tgt Ion:117 Resp: 5012
Ion Ratio Lower Upper
117 100
119 8.8 73.4 110.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 42.299 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD080046.D
Acq: 17 Nov 2024 17:07

Tgt Ion: 98 Resp: 112497
Ion Ratio Lower Upper
98 100
100 62.2 50.2 75.4

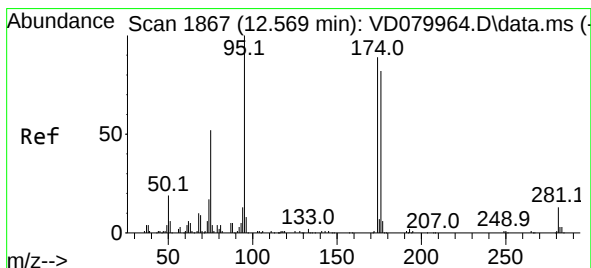
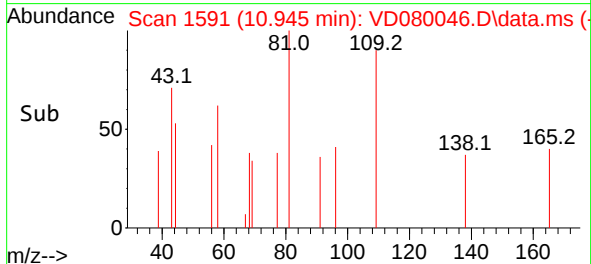
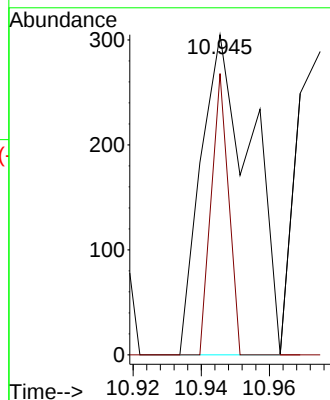
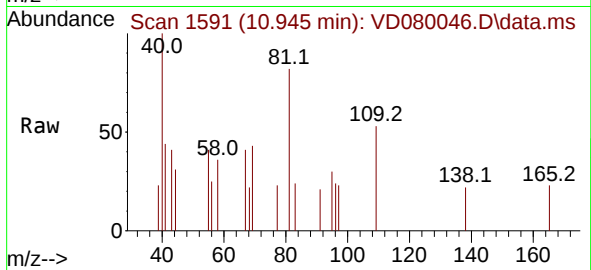




#59
2-Hexanone
Concen: 1.123 ug/l
RT: 10.945 min Scan# 1591
Delta R.T. 0.029 min
Lab File: VD080046.D
Acq: 17 Nov 2024 17:07

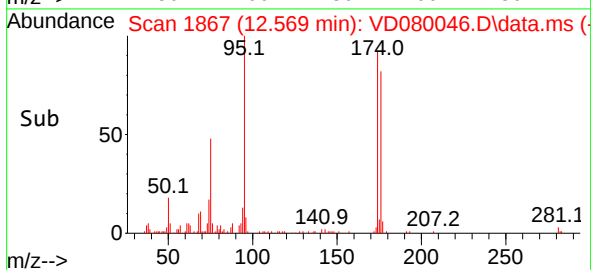
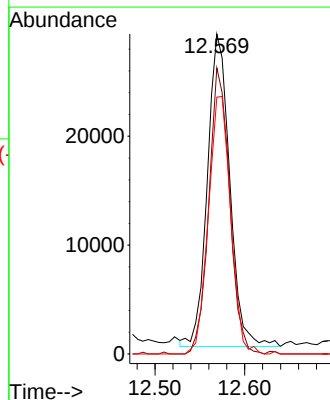
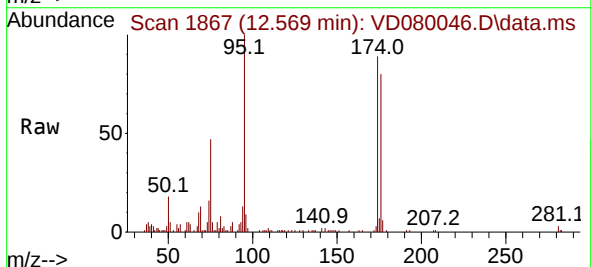
Instrument :
MSVOA_D
ClientSampleId :

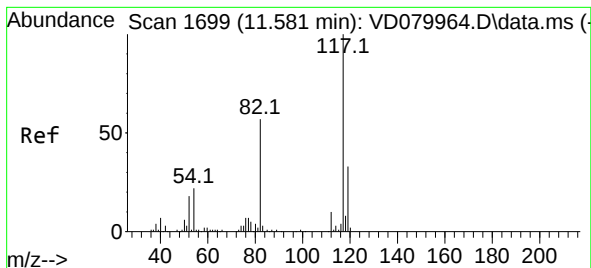
Tgt Ion: 43 Resp: 315
Ion Ratio Lower Upper
43 100
58 30.2 27.8 83.4



#62
4-Bromofluorobenzene
Concen: 56.978 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD080046.D
Acq: 17 Nov 2024 17:07

Tgt Ion: 95 Resp: 49718
Ion Ratio Lower Upper
95 100
174 84.8 0.0 173.4
176 81.7 0.0 166.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD080046.D

Acq: 17 Nov 2024 17:07

Instrument :

MSVOA_D

ClientSampleId :

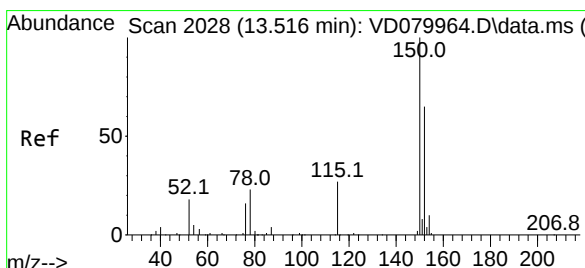
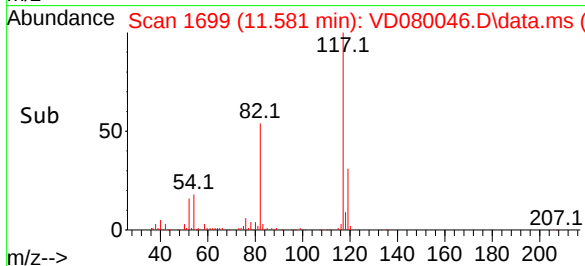
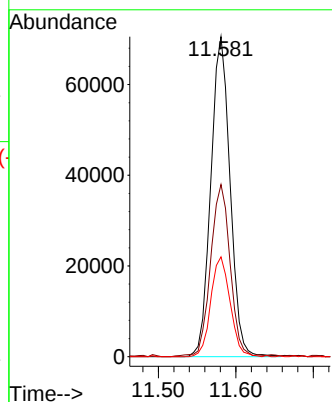
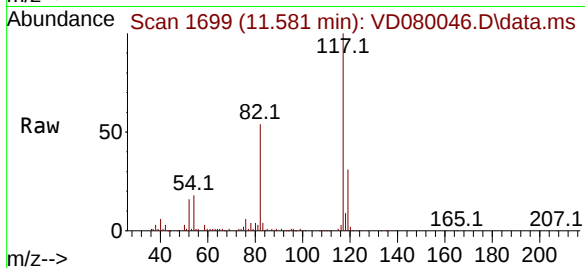
Tgt Ion:117 Resp: 121726

Ion Ratio Lower Upper

117 100

82 53.5 45.8 68.6

119 31.2 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: VD080046.D

Acq: 17 Nov 2024 17:07

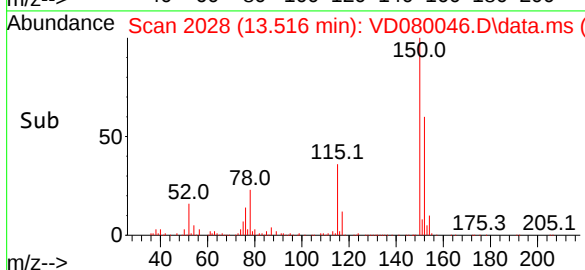
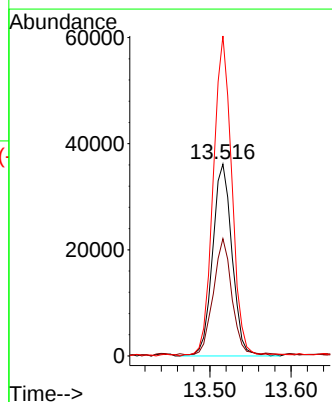
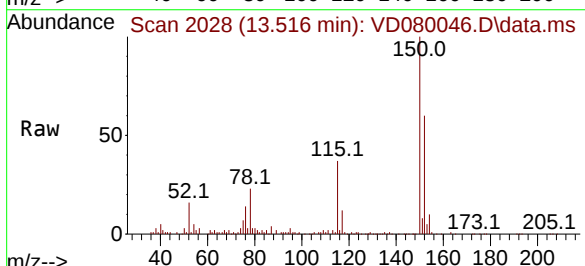
Tgt Ion:152 Resp: 60204

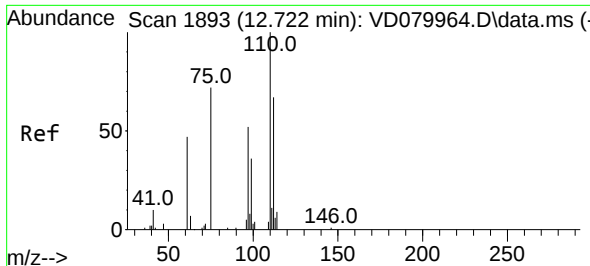
Ion Ratio Lower Upper

152 100

115 57.2 28.9 86.8

150 159.5 0.0 354.8

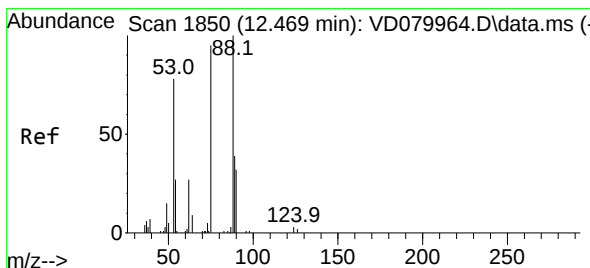
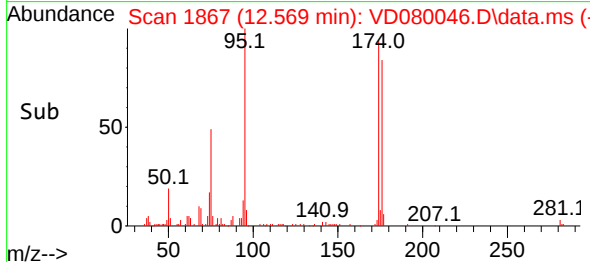
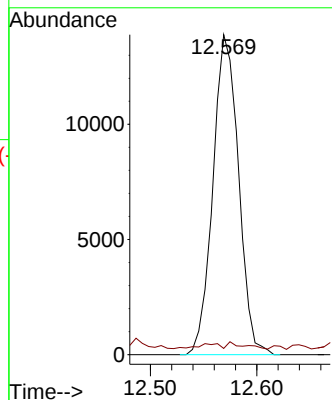
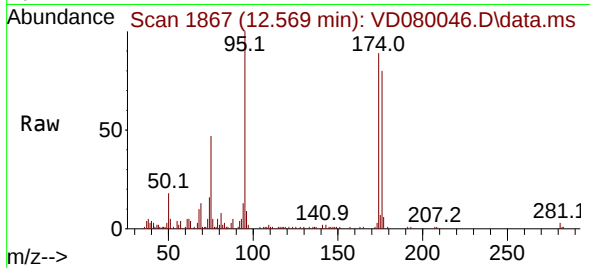




#76
1,2,3-Trichloropropane
Concen: 43.633 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD080046.D
Acq: 17 Nov 2024 17:07

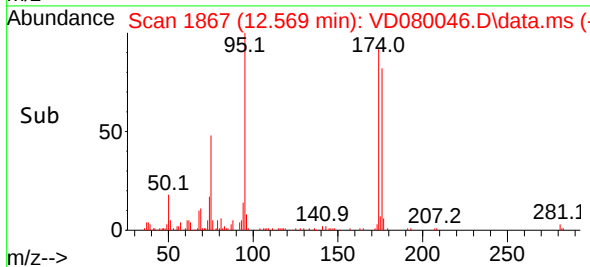
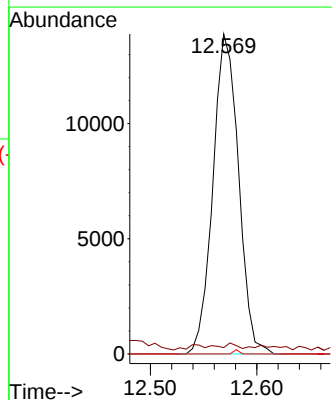
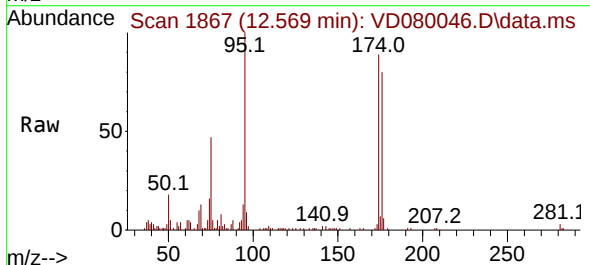
Instrument :
MSVOA_D
ClientSampleId :

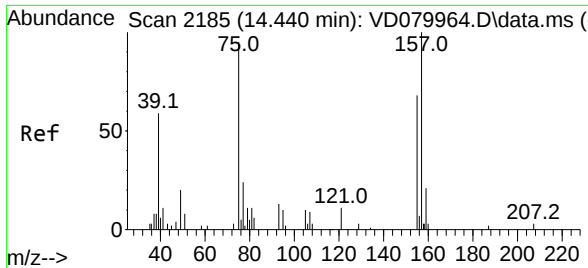
Tgt Ion: 75 Resp: 23196
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.301 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD080046.D
Acq: 17 Nov 2024 17:07

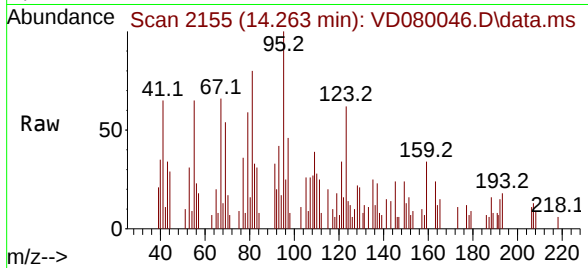
Tgt Ion: 75 Resp: 23196
Ion Ratio Lower Upper
75 100
53 0.0 68.7 103.1#
89 0.3 36.1 54.1#





#92
1,2-Dibromo-3-Chloropropane
Concen: 1.276 ug/l
RT: 14.263 min Scan# 21
Delta R.T. -0.177 min
Lab File: VD080046.D
Acq: 17 Nov 2024 17:07

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 144
Ion Ratio Lower Upper
75 100
155 105.6 40.6 122.0
157 117.4 53.3 159.9

