

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
 Data File : VD077239.D
 Acq On : 28 Sep 2023 19:40
 Operator : JC/SY
 Sample : 04621-01
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 29 02:22:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

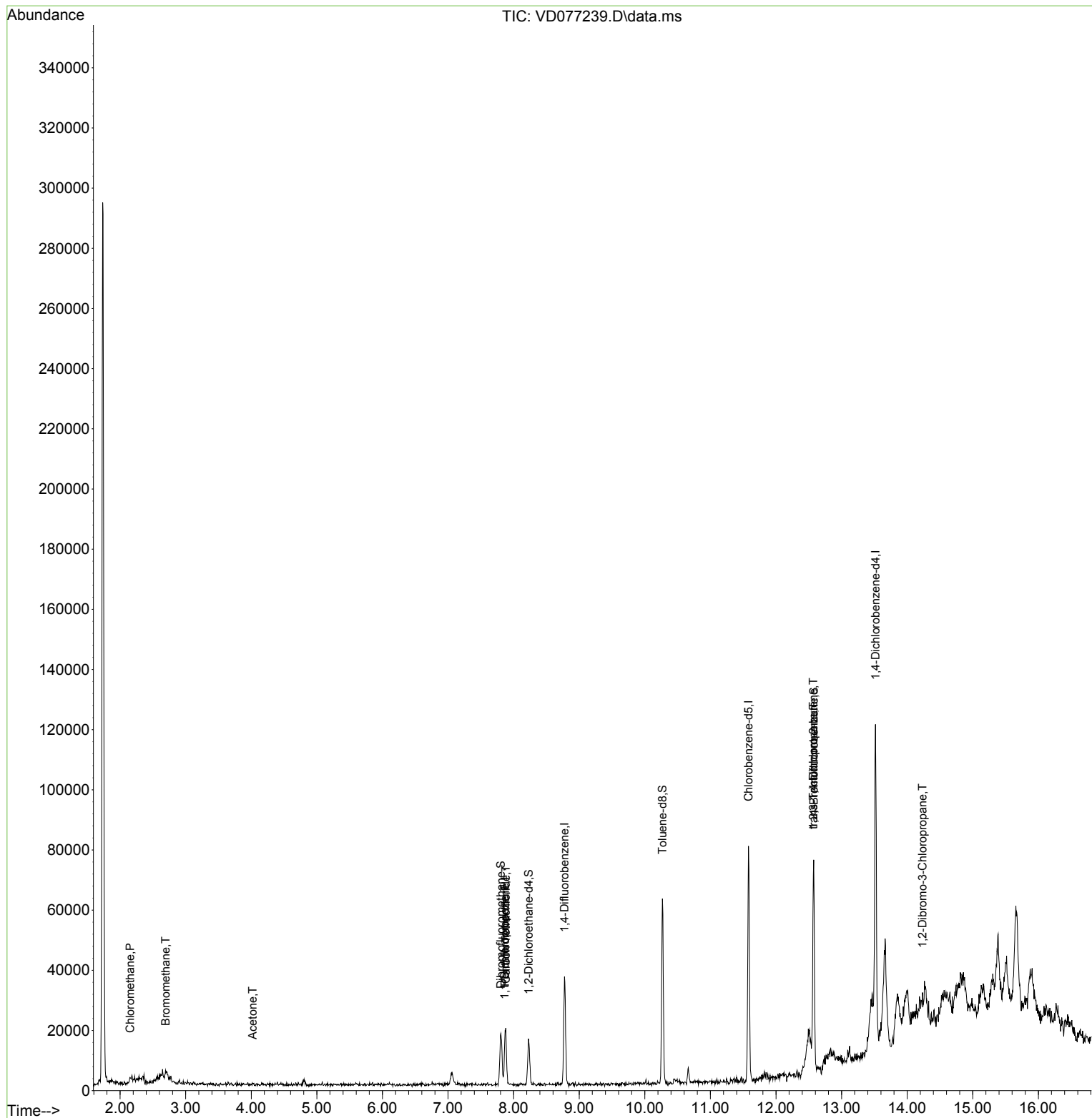
Internal Standards						
1) Pentafluorobenzene	7.869	168	15635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	32928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	45562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	27621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	11617	73.623	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 147.240%	
35) Dibromofluoromethane	7.805	113	13398	58.579	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.160%	
50) Toluene-d8	10.269	98	43324	53.218	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.440%	
62) 4-Bromofluorobenzene	12.575	95	21998	87.182	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 174.360%#	
Target Compounds						Qvalue
3) Chloromethane	2.152	50	427	1.430	ug/l #	86
5) Bromomethane	2.693	94	1021	4.388	ug/l	95
16) Acetone	4.022	43	76	2.107	ug/l #	32
20) Methylene Chloride	4.793	84	401	Below Cal	#	47
36) 1,1-Dichloropropene	7.863	75	617	1.791	ug/l #	39
38) Carbon Tetrachloride	7.881	117	1378	4.070	ug/l #	11
76) 1,2,3-Trichloropropane	12.569	75	11068	50.235	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	11068	95.084	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.234	75	63	1.225	ug/l #	49

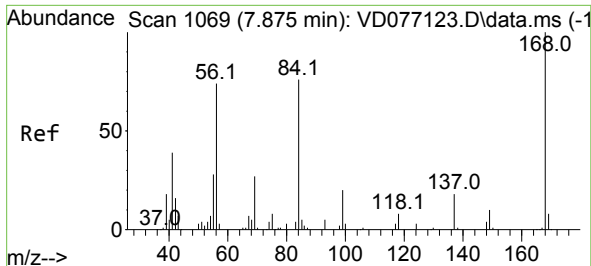
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
Data File : VD077239.D
Acq On : 28 Sep 2023 19:40
Operator : JC/SY
Sample : 04621-01
Misc : 5.06G/5.0ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

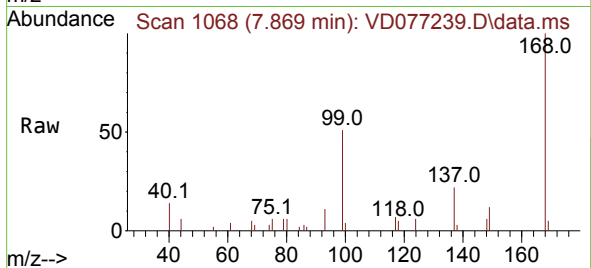
Quant Time: Sep 29 02:22:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 19 04:46:37 2023
Response via : Initial Calibration



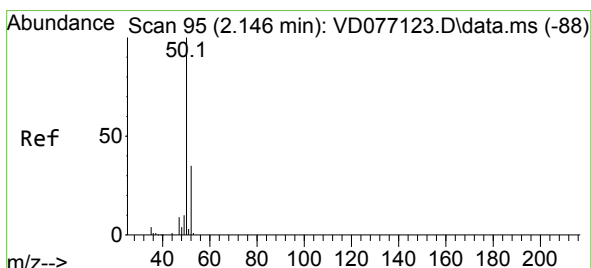
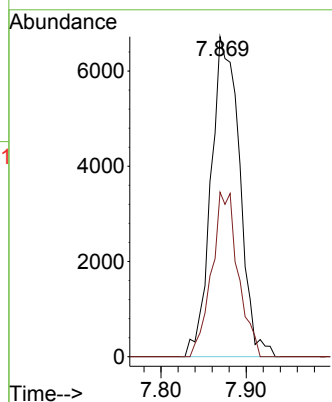
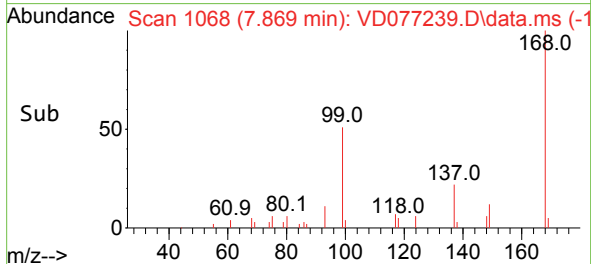


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD077239.D
Acq: 28 Sep 2023 19:40

Instrument :
MSVOA_D
ClientSampleId :

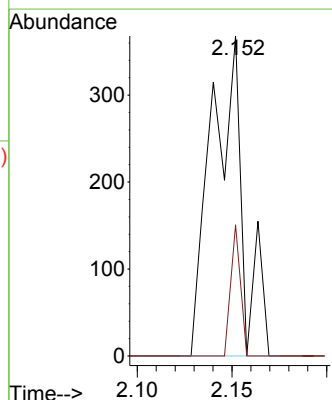
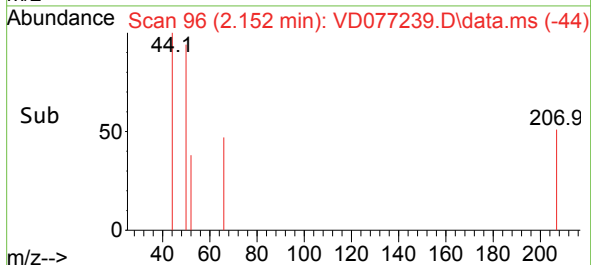
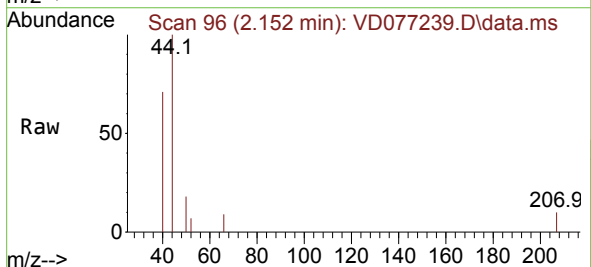


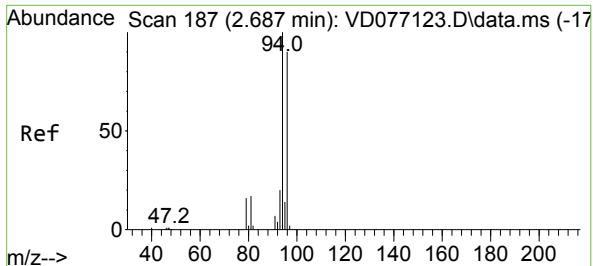
Tgt Ion:168 Resp: 15635
Ion Ratio Lower Upper
168 100
99 51.4 36.7 55.1



#3
Chloromethane
Concen: 1.430 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD077239.D
Acq: 28 Sep 2023 19:40

Tgt Ion: 50 Resp: 427
Ion Ratio Lower Upper
50 100
52 41.0 26.6 40.0#

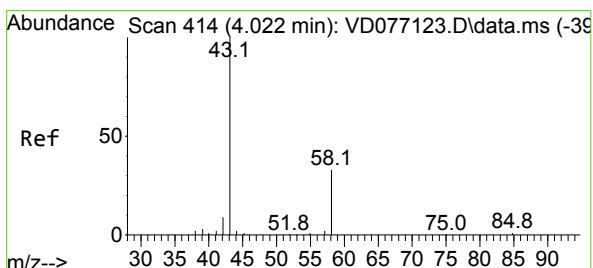
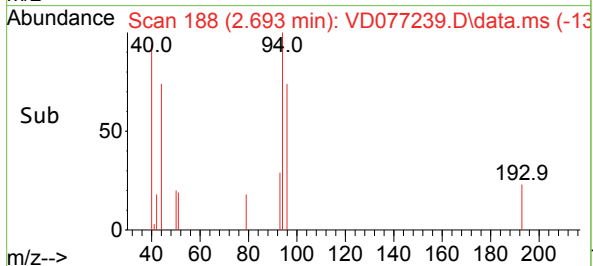
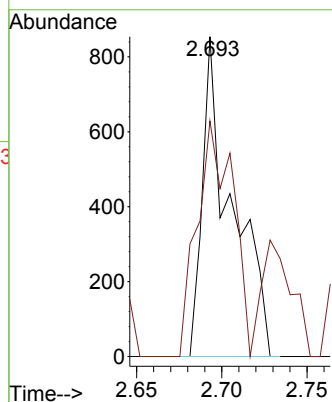
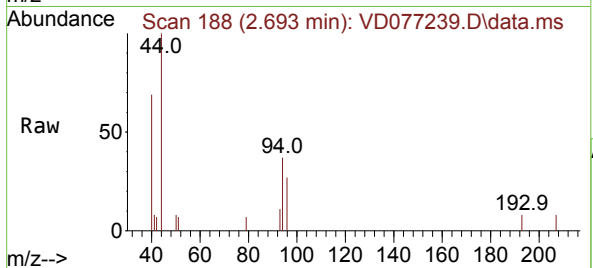




#5
Bromomethane
Concen: 4.388 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD077239.D
Acq: 28 Sep 2023 19:40

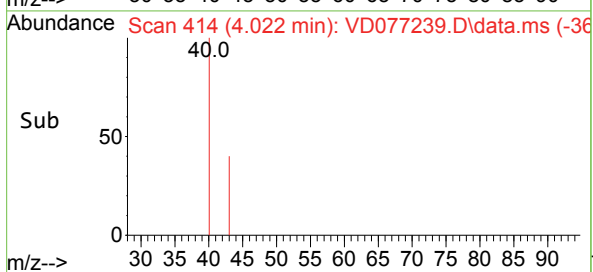
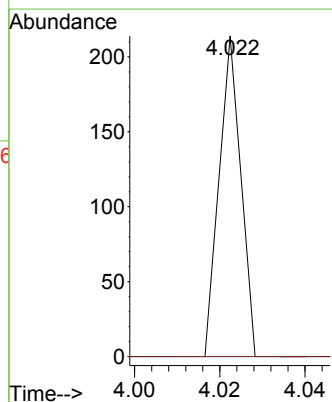
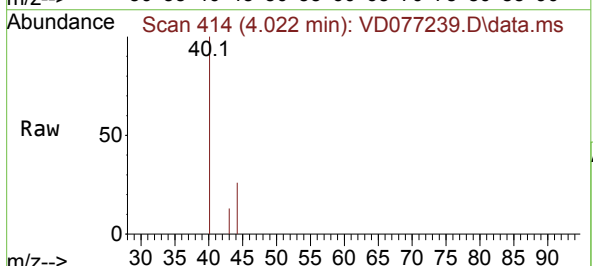
Instrument :
MSVOA_D
ClientSampleId :

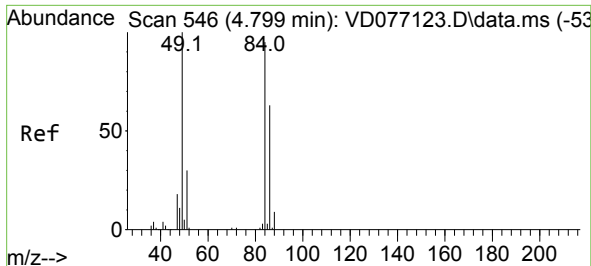
Tgt Ion: 94 Resp: 1021
Ion Ratio Lower Upper
94 100
96 90.0 75.8 113.8



#16
Acetone
Concen: 2.107 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077239.D
Acq: 28 Sep 2023 19:40

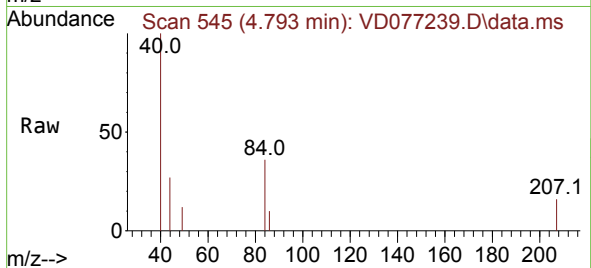
Tgt Ion: 43 Resp: 76
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



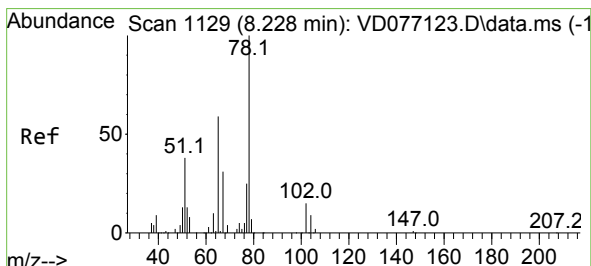
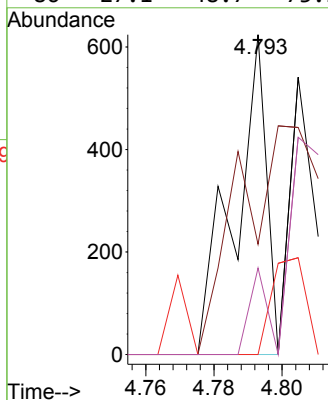
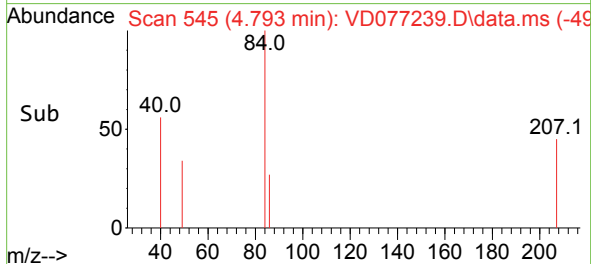


#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD077239.D
Acq: 28 Sep 2023 19:40

Instrument :
MSVOA_D
ClientSampleId :

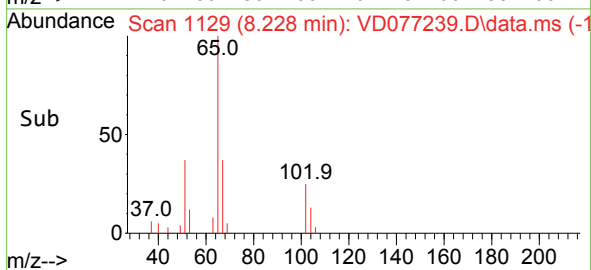
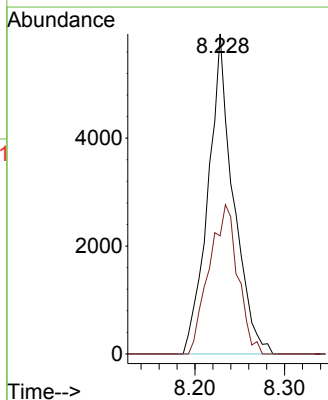
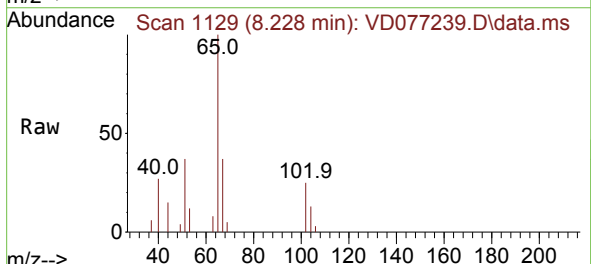


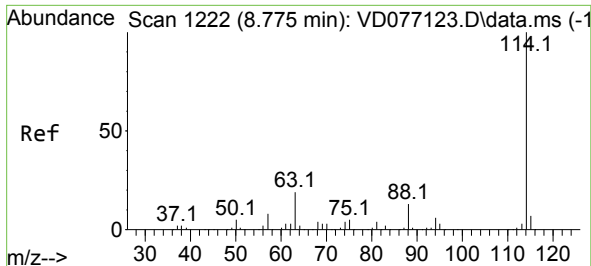
Tgt Ion: 84 Resp: 401
Ion Ratio Lower Upper
84 100
49 34.5 71.4 107.2#
51 0.0 24.5 36.7#
86 27.1 48.7 73.1#



#33
1,2-Dichloroethane-d4
Concen: 73.623 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077239.D
Acq: 28 Sep 2023 19:40

Tgt Ion: 65 Resp: 11617
Ion Ratio Lower Upper
65 100
67 52.9 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077239.D

Acq: 28 Sep 2023 19:40

Instrument :

MSVOA_D

ClientSampleId :

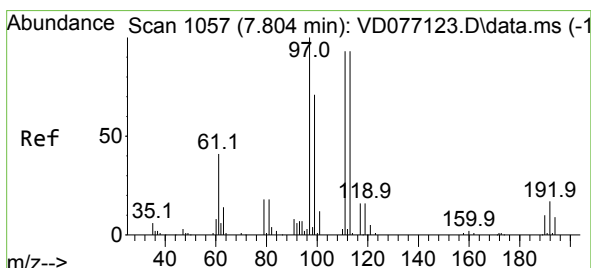
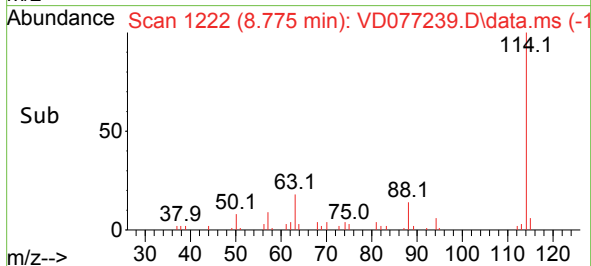
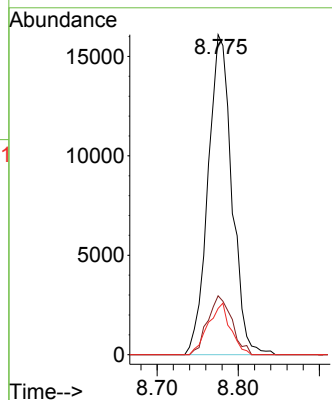
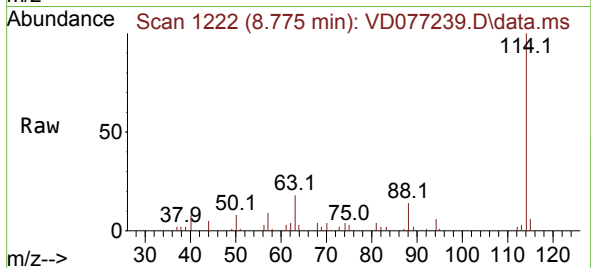
Tgt Ion:114 Resp: 32928

Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.4

88 14.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 58.579 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077239.D

Acq: 28 Sep 2023 19:40

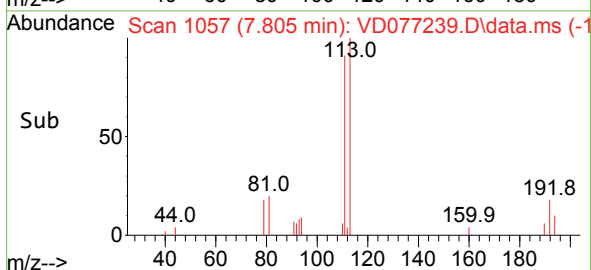
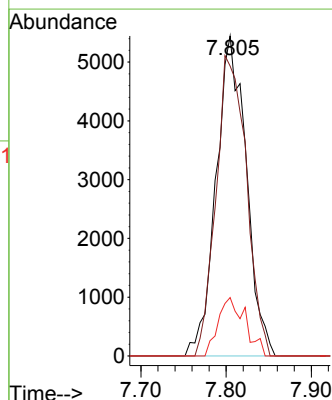
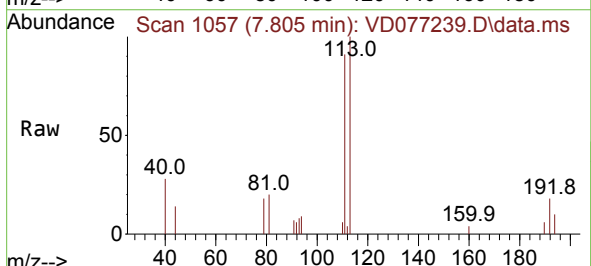
Tgt Ion:113 Resp: 13398

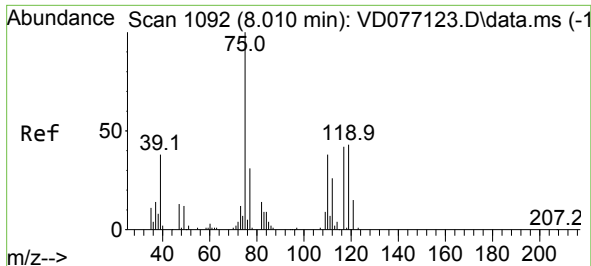
Ion Ratio Lower Upper

113 100

111 94.2 84.7 127.1

192 16.3 16.8 25.2#

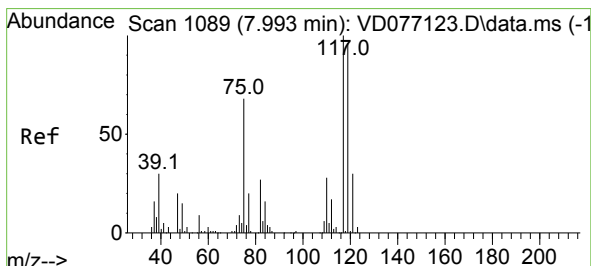
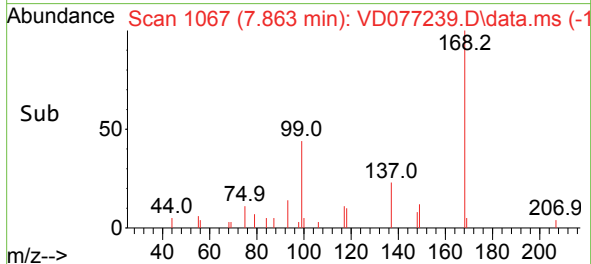
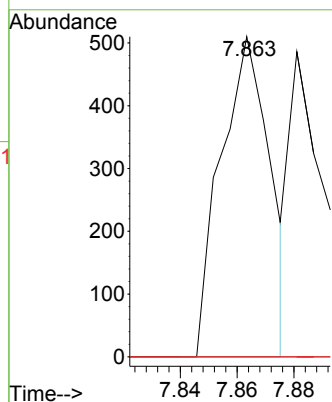
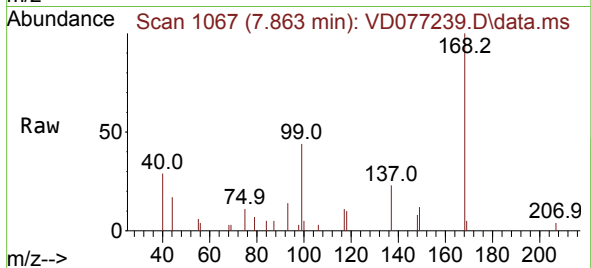




#36
1,1-Dichloropropene
Concen: 1.791 ug/l
RT: 7.863 min Scan# 10
Delta R.T. -0.147 min
Lab File: VD077239.D
Acq: 28 Sep 2023 19:40

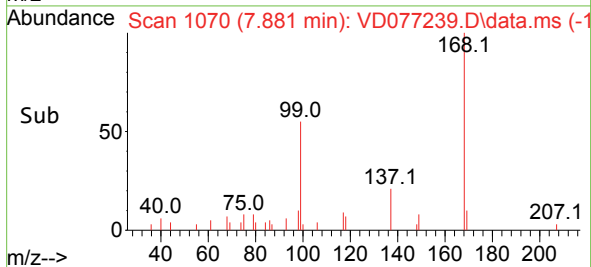
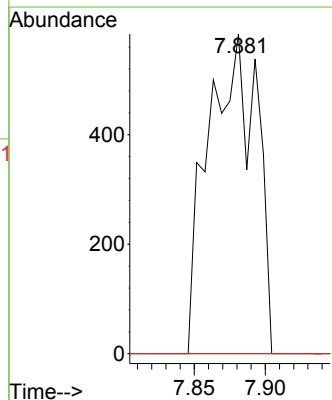
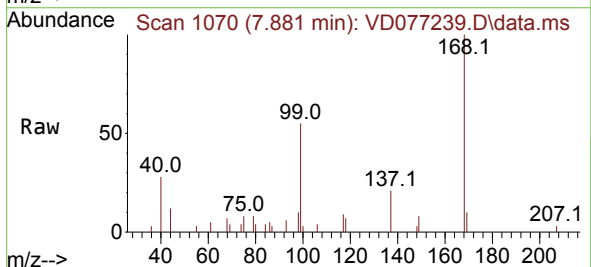
Instrument :
MSVOA_D
ClientSampleId :

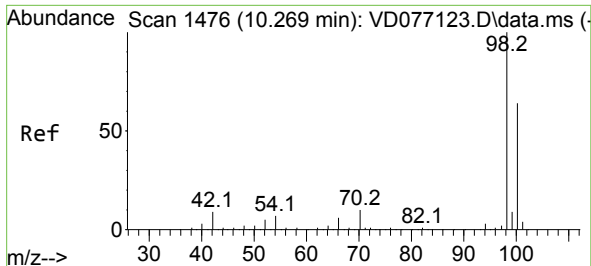
Tgt Ion: 75 Resp: 617
Ion Ratio Lower Upper
75 100
110 0.0 19.9 59.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 4.070 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.112 min
Lab File: VD077239.D
Acq: 28 Sep 2023 19:40

Tgt Ion: 117 Resp: 1378
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#

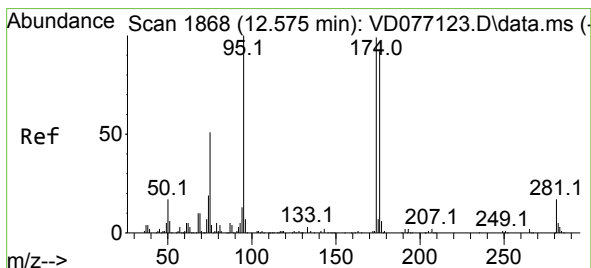
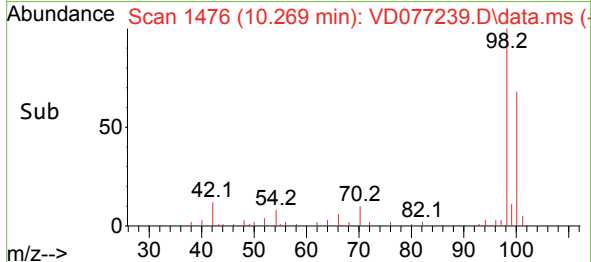
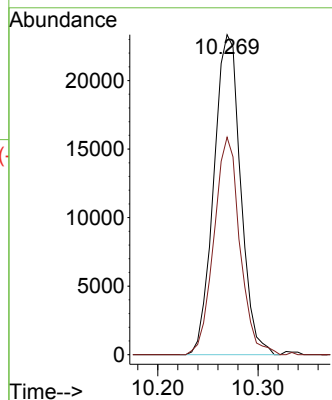
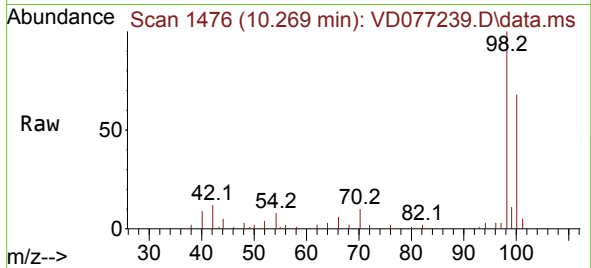




#50
Toluene-d8
Concen: 53.218 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077239.D
Acq: 28 Sep 2023 19:40

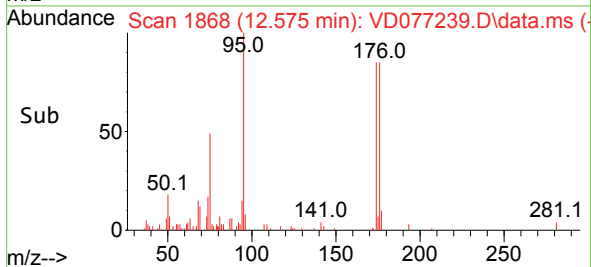
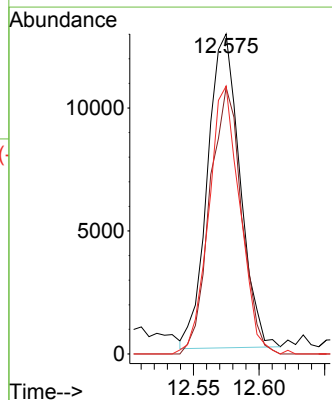
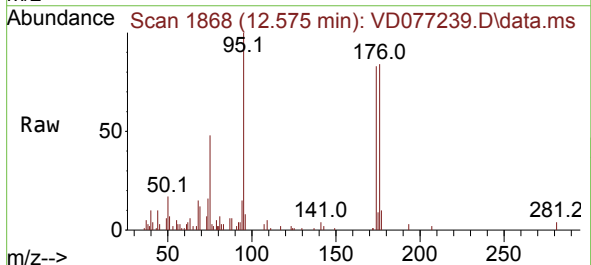
Instrument :
MSVOA_D
ClientSampleId :

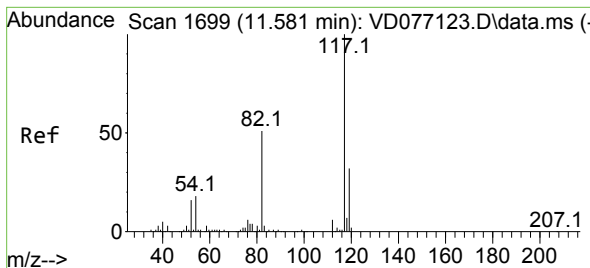
Tgt Ion: 98 Resp: 43324
Ion Ratio Lower Upper
98 100
100 65.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 87.182 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077239.D
Acq: 28 Sep 2023 19:40

Tgt Ion: 95 Resp: 21998
Ion Ratio Lower Upper
95 100
174 83.3 0.0 201.8
176 82.1 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

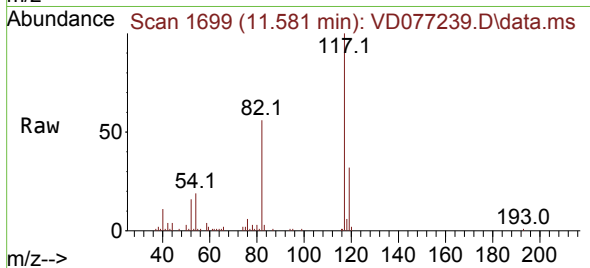
Lab File: VD077239.D

Acq: 28 Sep 2023 19:40

Instrument :

MSVOA_D

ClientSampleId :



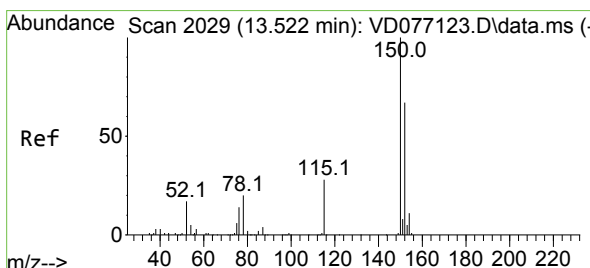
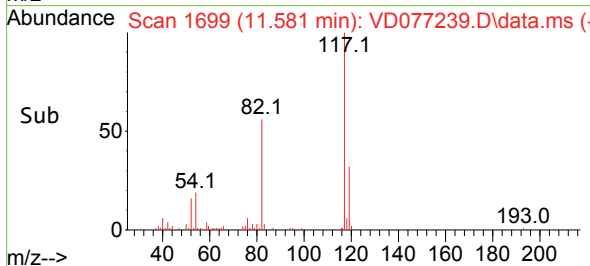
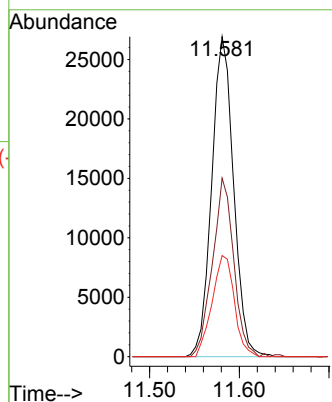
Tgt Ion:117 Resp: 45562

Ion Ratio Lower Upper

117 100

82 55.8 38.3 57.5

119 31.6 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD077239.D

Acq: 28 Sep 2023 19:40

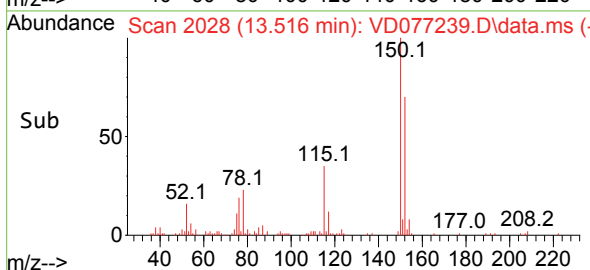
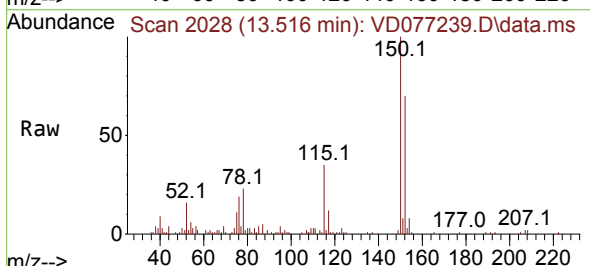
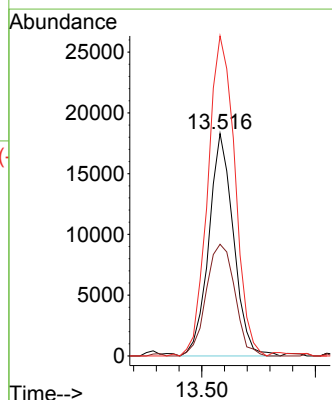
Tgt Ion:152 Resp: 27621

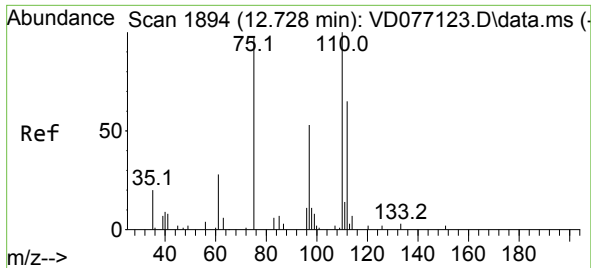
Ion Ratio Lower Upper

152 100

115 58.2 27.1 81.3

150 157.8 0.0 353.6

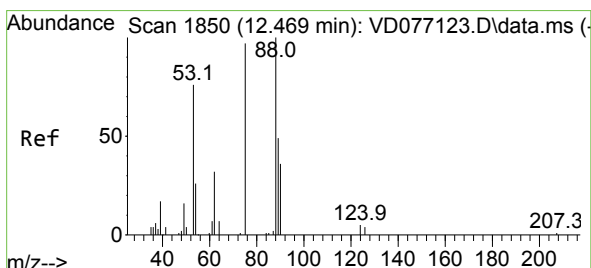
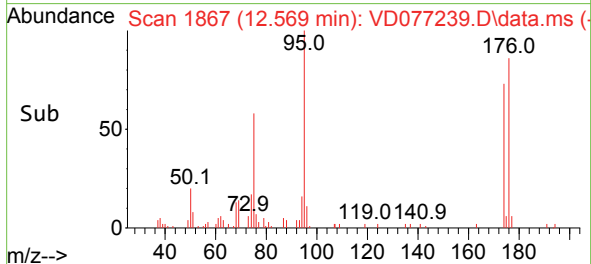
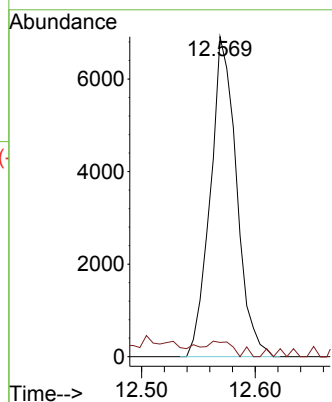
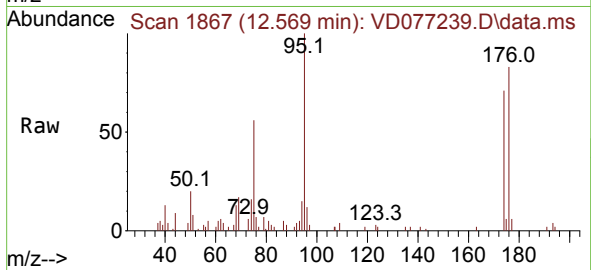




#76
1,2,3-Trichloropropane
Concen: 50.235 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.159 min
Lab File: VD077239.D
Acq: 28 Sep 2023 19:40

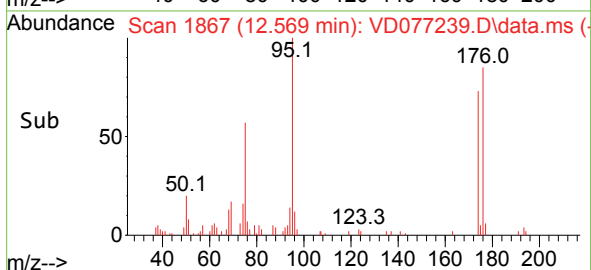
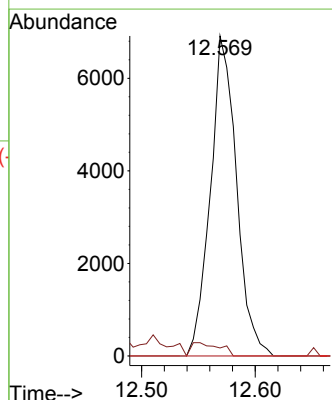
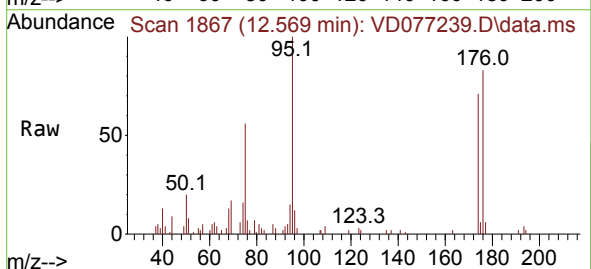
Instrument :
MSVOA_D
ClientSampleId :

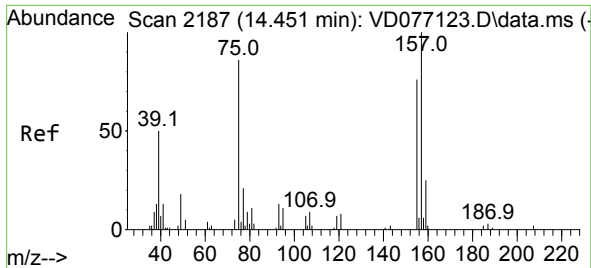
Tgt Ion: 75 Resp: 11068
Ion Ratio Lower Upper
75 100
77 6.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.084 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD077239.D
Acq: 28 Sep 2023 19:40

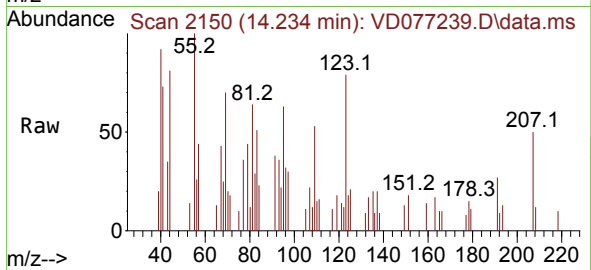
Tgt Ion: 75 Resp: 11068
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.225 ug/l
 RT: 14.234 min Scan# 21
 Delta R.T. -0.217 min
 Lab File: VD077239.D
 Acq: 28 Sep 2023 19:40

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 63
 Ion Ratio Lower Upper
 75 100
 155 0.0 47.9 143.8#
 157 104.8 59.9 179.7

