

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052623\
 Data File : VD076254.D
 Acq On : 26 May 2023 12:44
 Operator : KP/SY
 Sample : 02944-16
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW11-GW-398-400

Quant Time: May 26 16:05:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

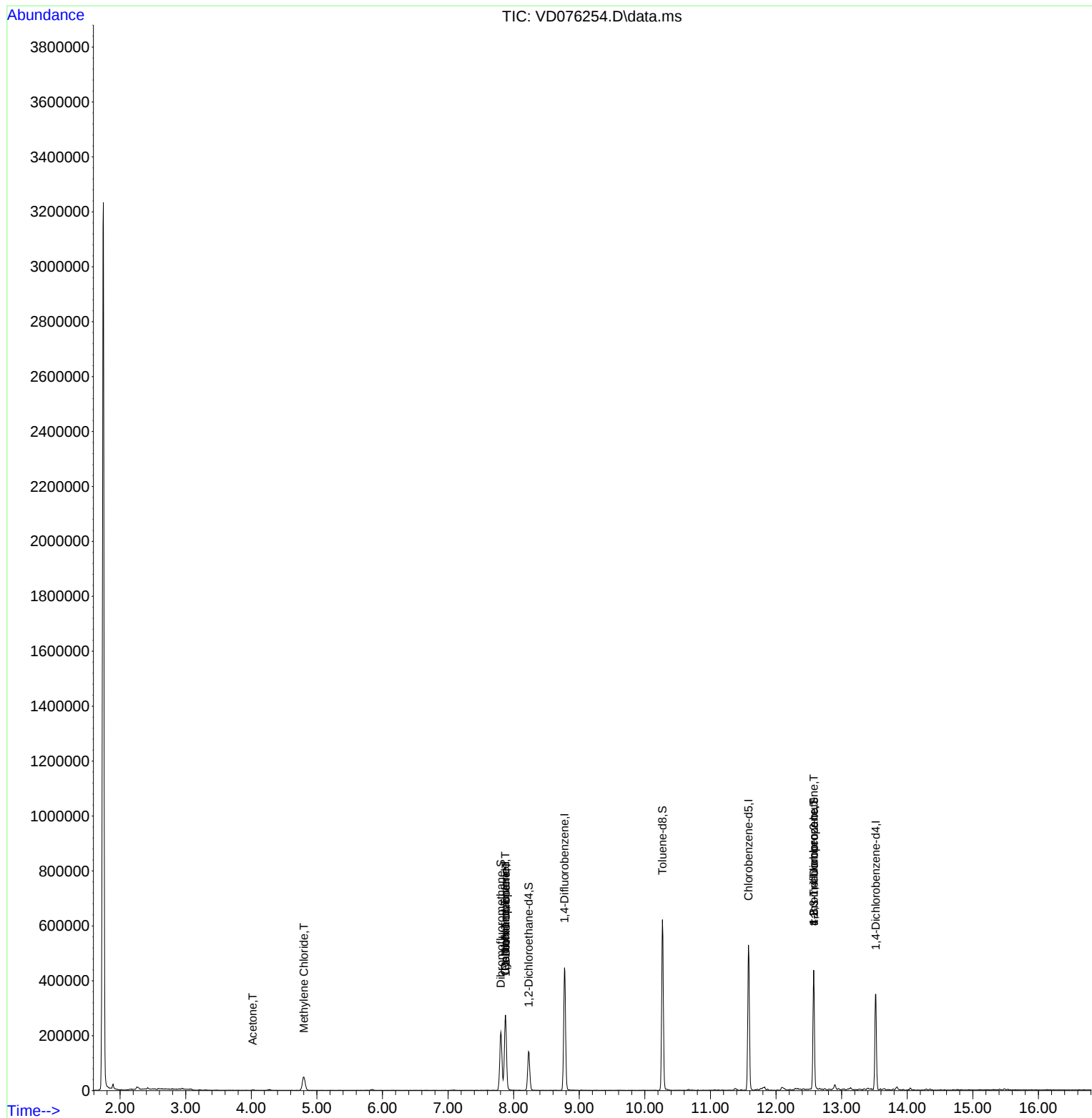
Internal Standards						
1) Pentafluorobenzene	7.875	168	226843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	427940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	340774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	101873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	107491	49.029	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.060%
35) Dibromofluoromethane	7.804	113	156039	52.752	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.500%
50) Toluene-d8	10.269	98	454392	39.406	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.820%
62) 4-Bromofluorobenzene	12.575	95	128027	39.969	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.940%
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	1163	Below Cal	#	82
16) Acetone	4.022	43	2255	5.170	ug/l #	63
17) Carbon Disulfide	4.275	76	4679	Below Cal		97
20) Methylene Chloride	4.805	84	42096	3.983	ug/l #	75
31) Cyclohexane	7.869	56	4183	1.246	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	16255	4.069	ug/l #	49
38) Carbon Tetrachloride	7.875	117	20223	5.604	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	65167	73.100	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	65167	153.352	ug/l #	5

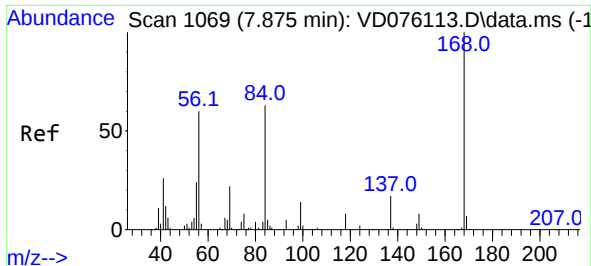
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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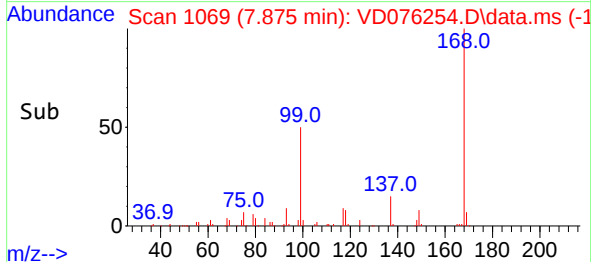
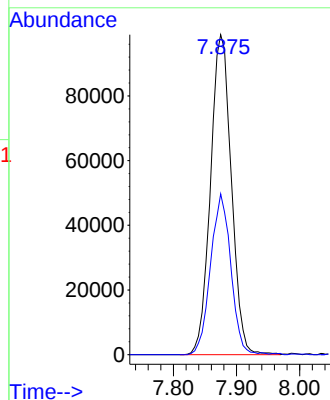
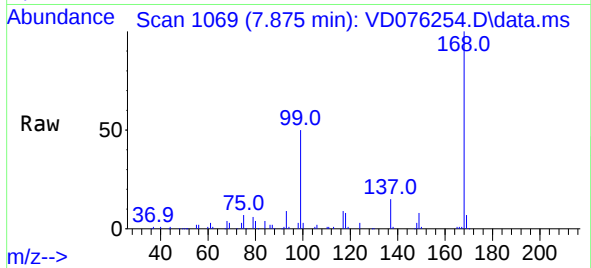




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076254.D
Acq: 26 May 2023 12:44

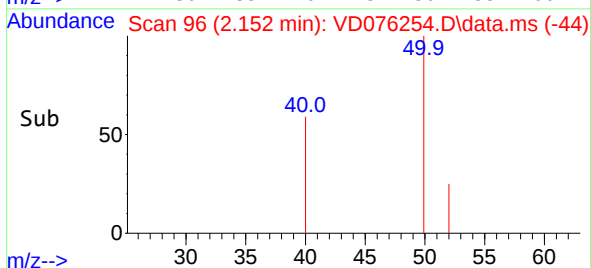
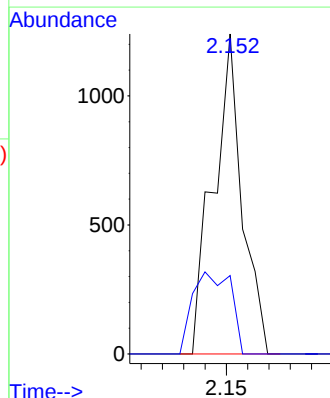
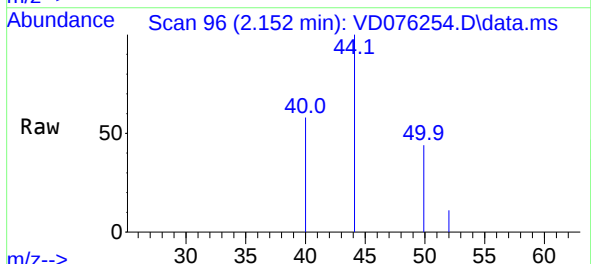
Instrument : MSVOA_D
ClientSampleId : BP-VPB-RW11-GW-398-400

Tgt Ion:168 Resp: 226843
Ion Ratio Lower Upper
168 100
99 50.2 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD076254.D
Acq: 26 May 2023 12:44

Tgt Ion: 50 Resp: 1163
Ion Ratio Lower Upper
50 100
52 24.5 27.8 41.8#

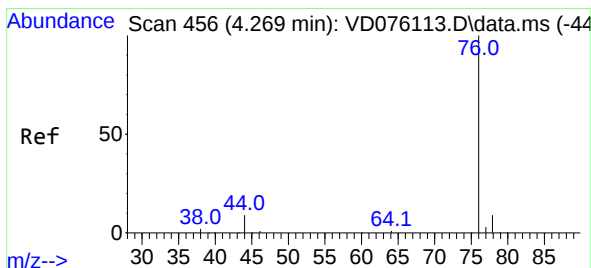
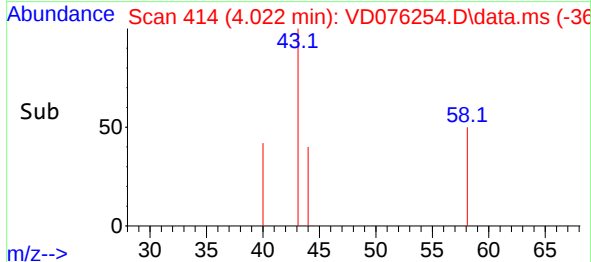
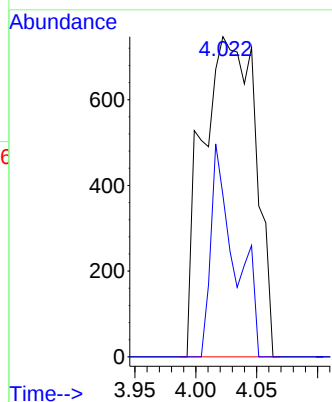
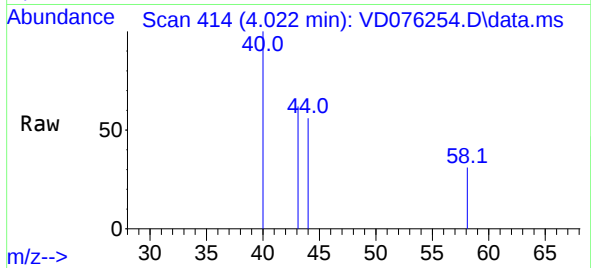




#16
Acetone
Concen: 5.170 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076254.D
Acq: 26 May 2023 12:44

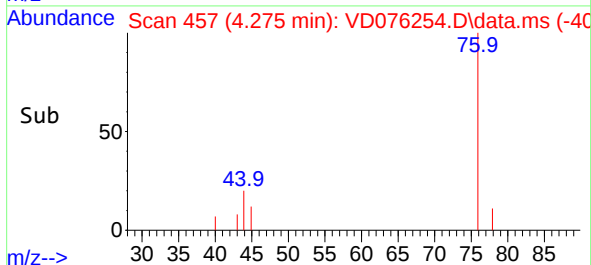
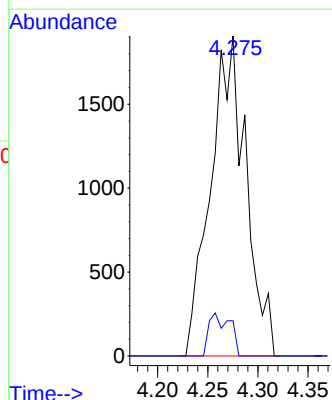
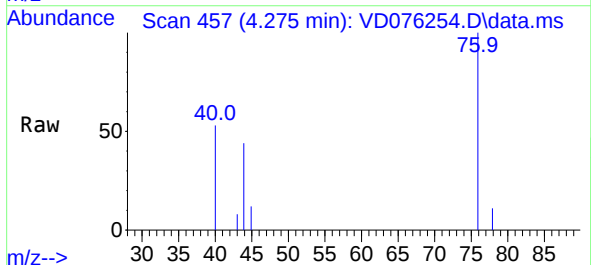
Instrument : MSVOA_D
ClientSampleId : BP-VPB-RW11-GW-398-400

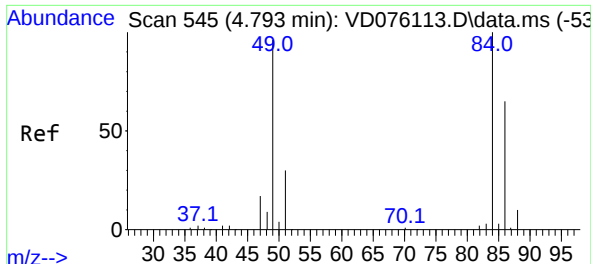
Tgt Ion: 43 Resp: 2255
Ion Ratio Lower Upper
43 100
58 50.5 24.4 36.6#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.275 min Scan# 457
Delta R.T. 0.006 min
Lab File: VD076254.D
Acq: 26 May 2023 12:44

Tgt Ion: 76 Resp: 4679
Ion Ratio Lower Upper
76 100
78 11.0 8.0 12.0



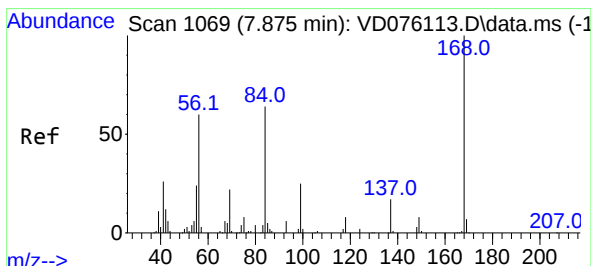
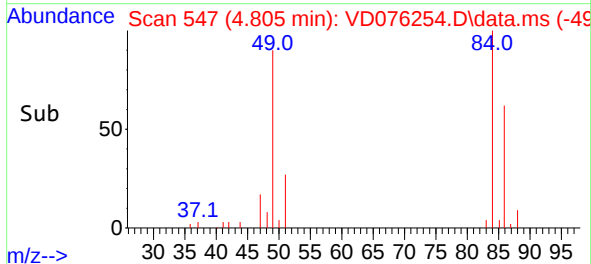
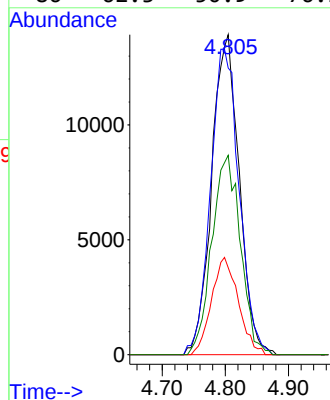
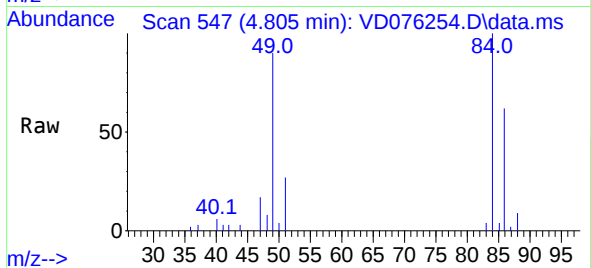


#20
Methylene Chloride
Concen: 3.983 ug/l
RT: 4.805 min Scan# 545
Delta R.T. 0.006 min
Lab File: VD076254.D
Acq: 26 May 2023 12:44

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW11-GW-398-400

Tgt Ion: 84 Resp: 42096

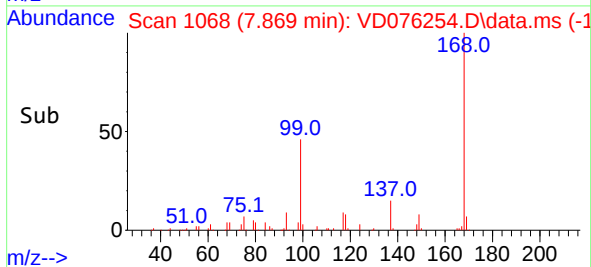
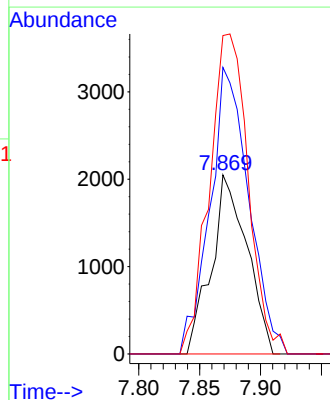
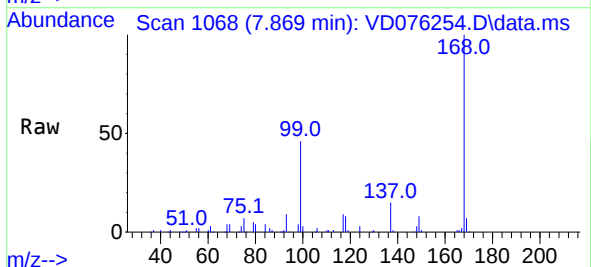
Ion	Ratio	Lower	Upper
84	100		
49	89.6	106.4	159.6#
51	27.2	32.4	48.6#
86	62.3	50.9	76.3

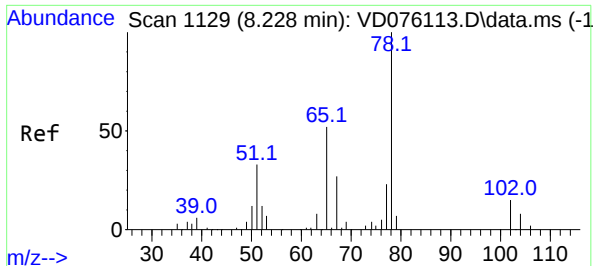


#31
Cyclohexane
Concen: 1.246 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076254.D
Acq: 26 May 2023 12:44

Tgt Ion: 56 Resp: 4183

Ion	Ratio	Lower	Upper
56	100		
69	160.0	25.5	38.3#
84	177.8	69.6	104.4#

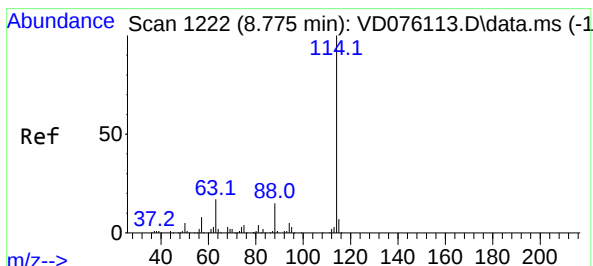
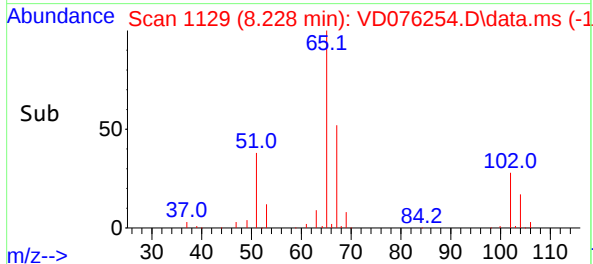
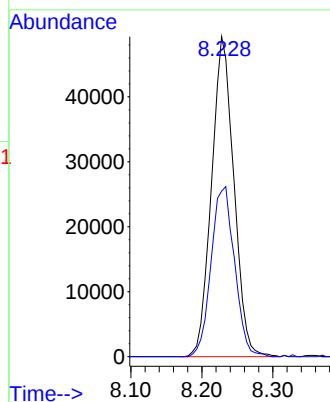
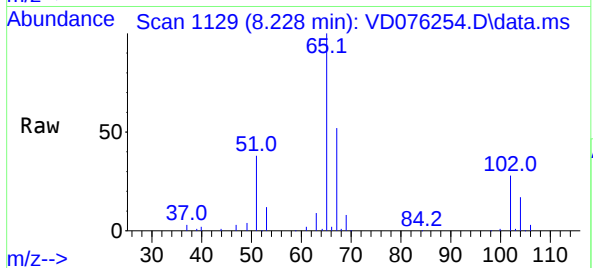




#33
1,2-Dichloroethane-d4
Concen: 49.029 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076254.D
Acq: 26 May 2023 12:44

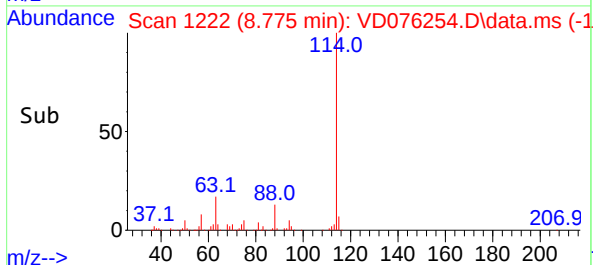
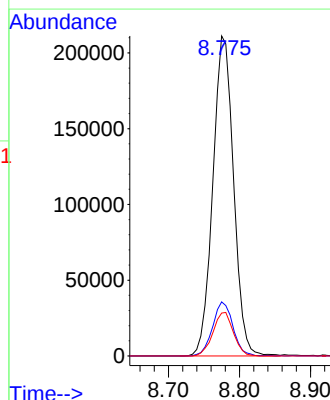
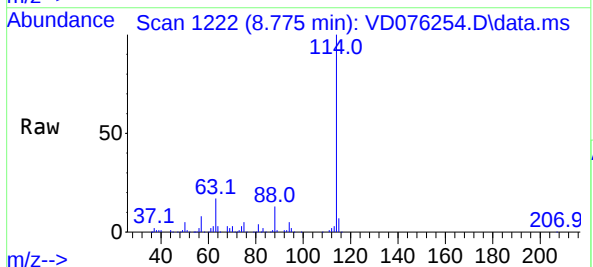
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW11-GW-398-400

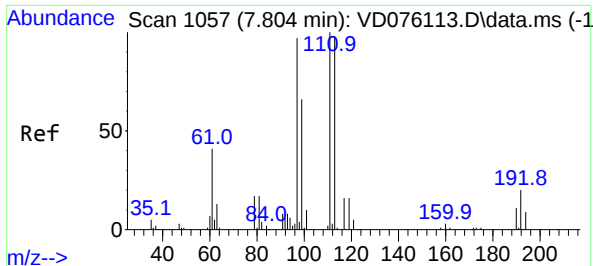
Tgt Ion: 65 Resp: 107491
Ion Ratio Lower Upper
65 100
67 55.8 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD076254.D
Acq: 26 May 2023 12:44

Tgt Ion: 114 Resp: 427940
Ion Ratio Lower Upper
114 100
63 16.9 0.0 41.6
88 13.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.752 ug/l

RT: 7.804 min Scan# 1070

Delta R.T. -0.001 min

Lab File: VD076254.D

Acq: 26 May 2023 12:44

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-RW11-GW-398-400

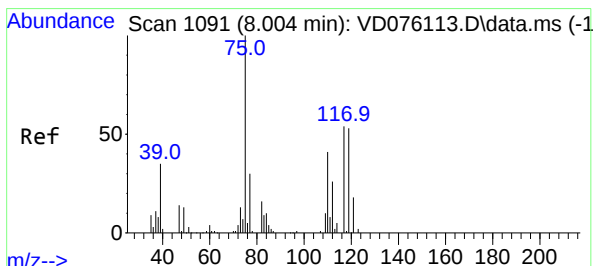
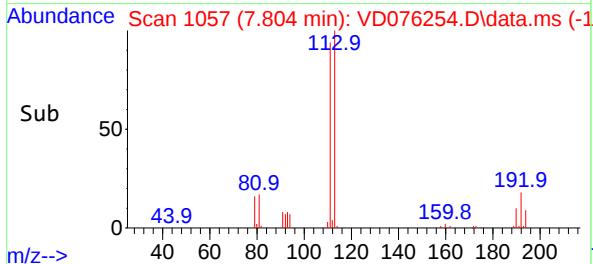
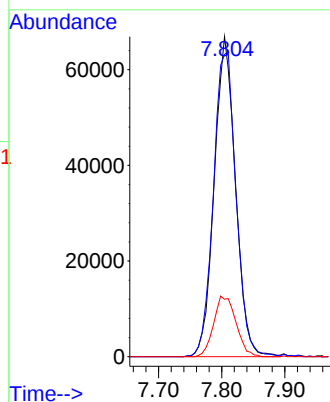
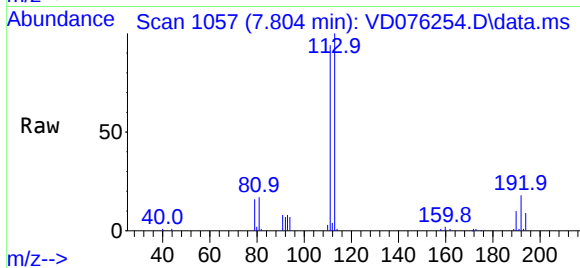
Tgt Ion:113 Resp: 156039

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

192 19.9 15.2 22.8



#36

1,1-Dichloropropene

Concen: 4.069 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.129 min

Lab File: VD076254.D

Acq: 26 May 2023 12:44

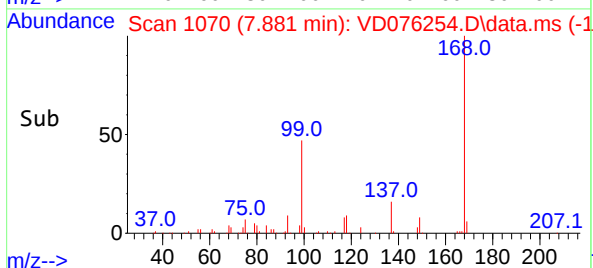
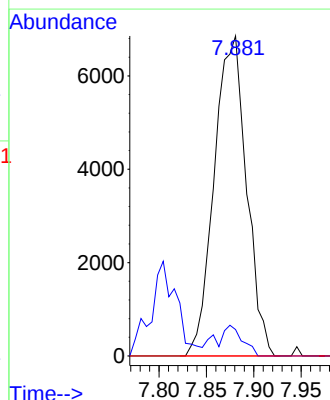
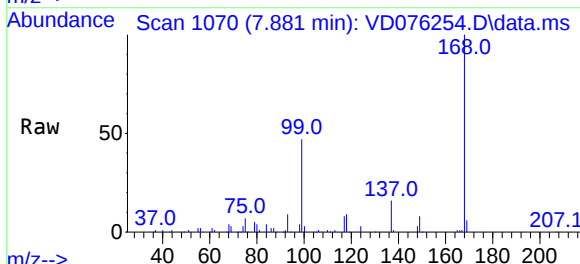
Tgt Ion: 75 Resp: 16255

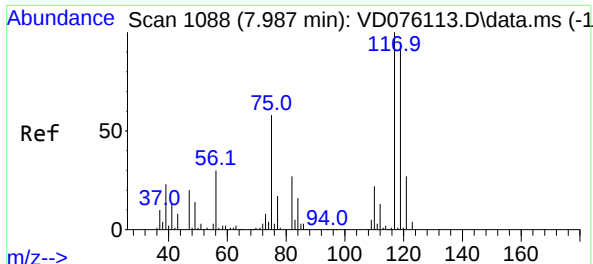
Ion Ratio Lower Upper

75 100

110 7.7 17.1 51.2#

77 0.0 24.6 36.8#

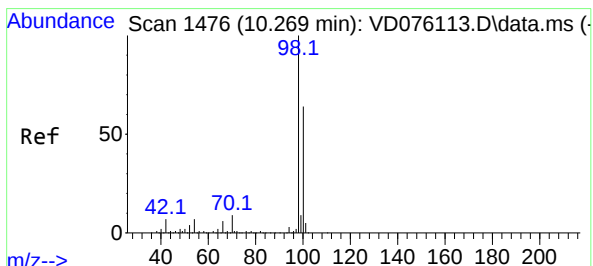
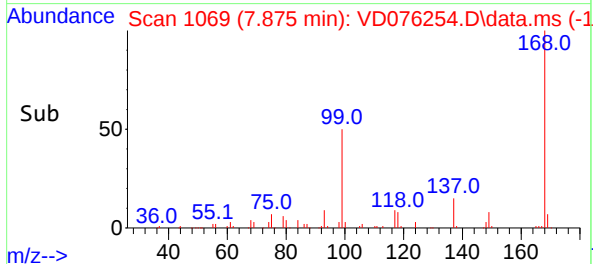
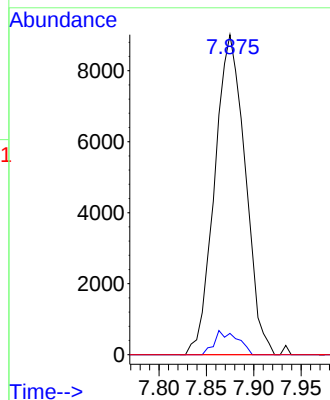
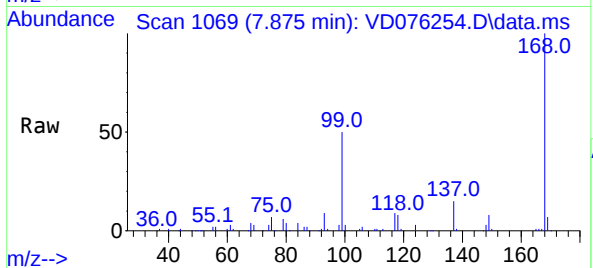




#38
Carbon Tetrachloride
Concen: 5.604 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.118 min
Lab File: VD076254.D
Acq: 26 May 2023 12:44

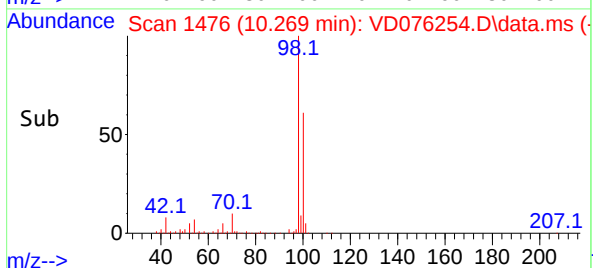
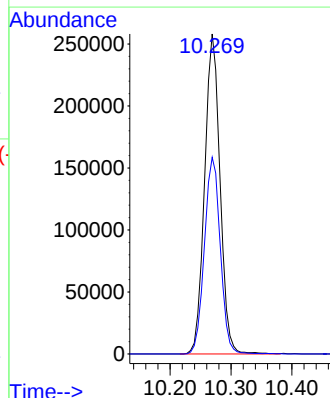
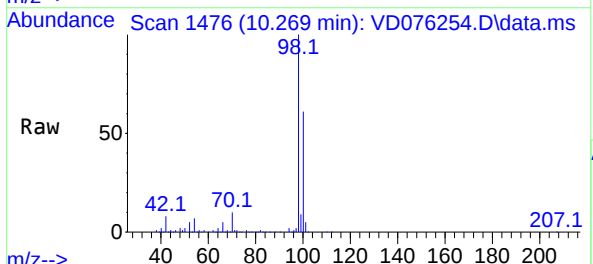
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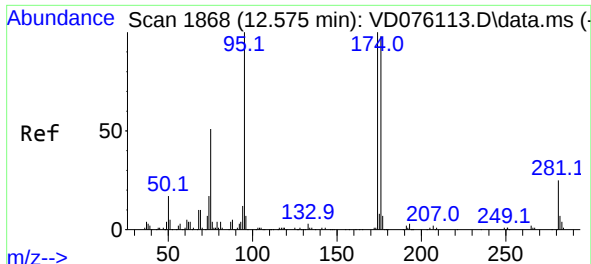
Tgt Ion:117 Resp: 20223
Ion Ratio Lower Upper
117 100
119 6.7 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 39.406 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076254.D
Acq: 26 May 2023 12:44

Tgt Ion: 98 Resp: 454392
Ion Ratio Lower Upper
98 100
100 63.2 52.1 78.1

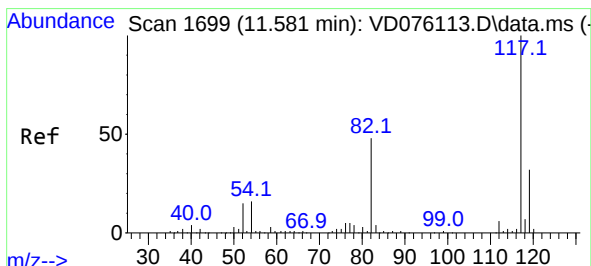
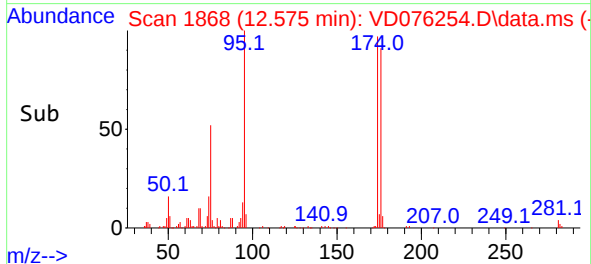
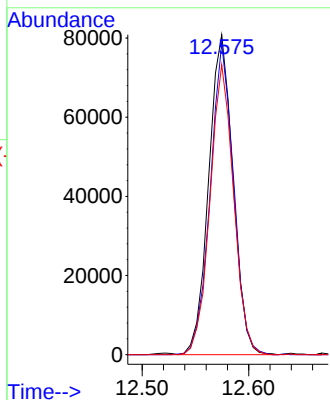
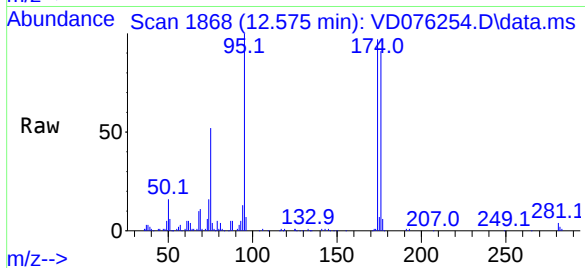




#62
4-Bromofluorobenzene
Concen: 39.969 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076254.D
Acq: 26 May 2023 12:44

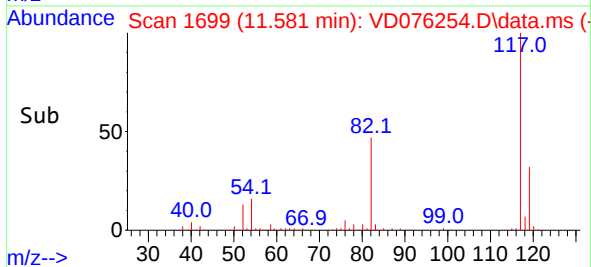
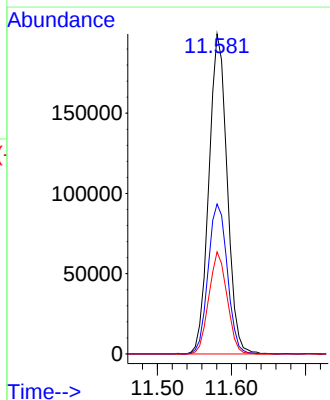
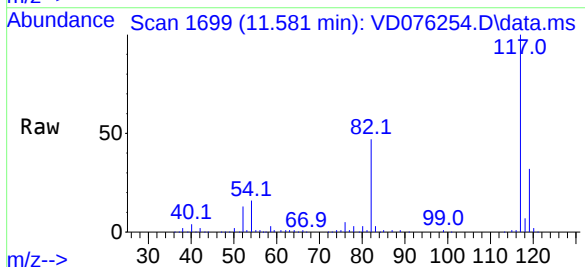
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW11-GW-398-400

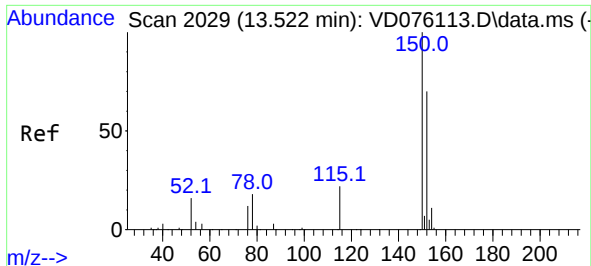
Tgt Ion: 95 Resp: 128027
Ion Ratio Lower Upper
95 100
174 93.4 0.0 164.0
176 88.0 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076254.D
Acq: 26 May 2023 12:44

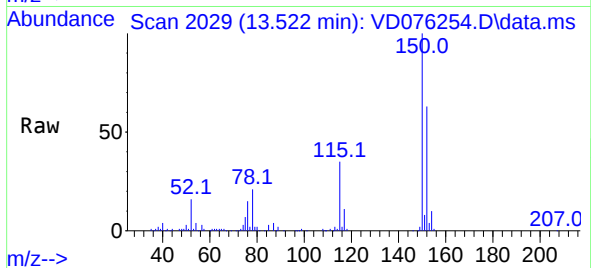
Tgt Ion: 117 Resp: 340774
Ion Ratio Lower Upper
117 100
82 46.8 44.0 66.0
119 31.9 25.1 37.7



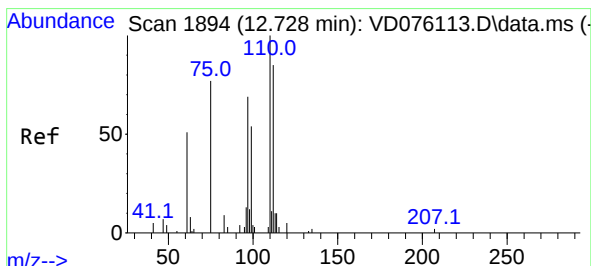
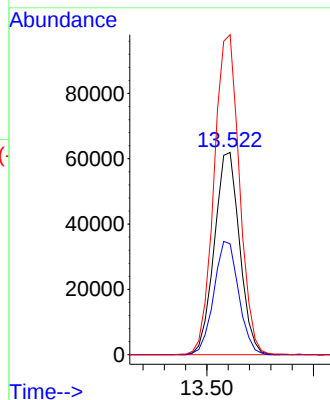
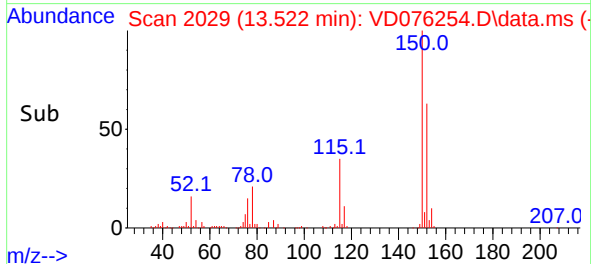


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076254.D
Acq: 26 May 2023 12:44

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW11-GW-398-400

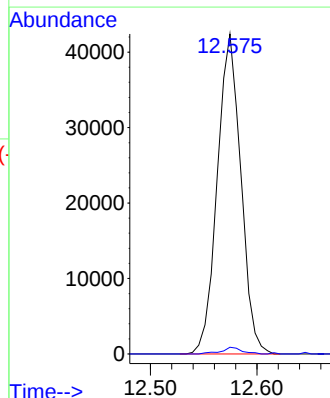
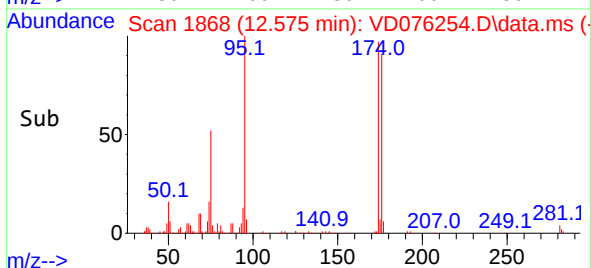
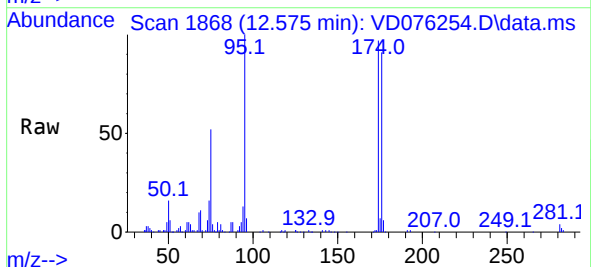


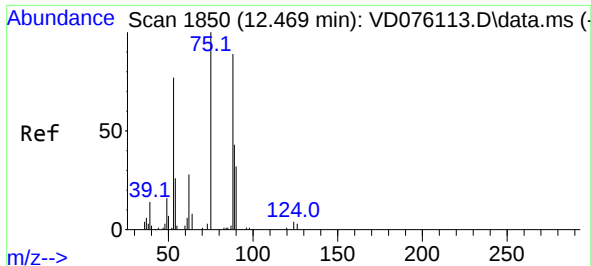
Tgt Ion:152 Resp: 101873
Ion Ratio Lower Upper
152 100
115 55.2 30.1 90.3
150 159.0 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 73.100 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076254.D
Acq: 26 May 2023 12:44

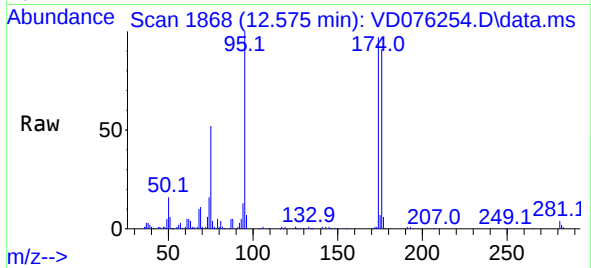
Tgt Ion: 75 Resp: 65167
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 153.352 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD076254.D
 Acq: 26 May 2023 12:44

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW11-GW-398-400



Tgt Ion:	75	Resp:	65167
Ion	Ratio	Lower	Upper
75	100		
53	0.3	90.5	135.7#
89	0.0	40.2	60.4#

