

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052623\
 Data File : VD076258.D
 Acq On : 26 May 2023 14:41
 Operator : KP/SY
 Sample : 02944-16
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: May 26 16:05:29 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)

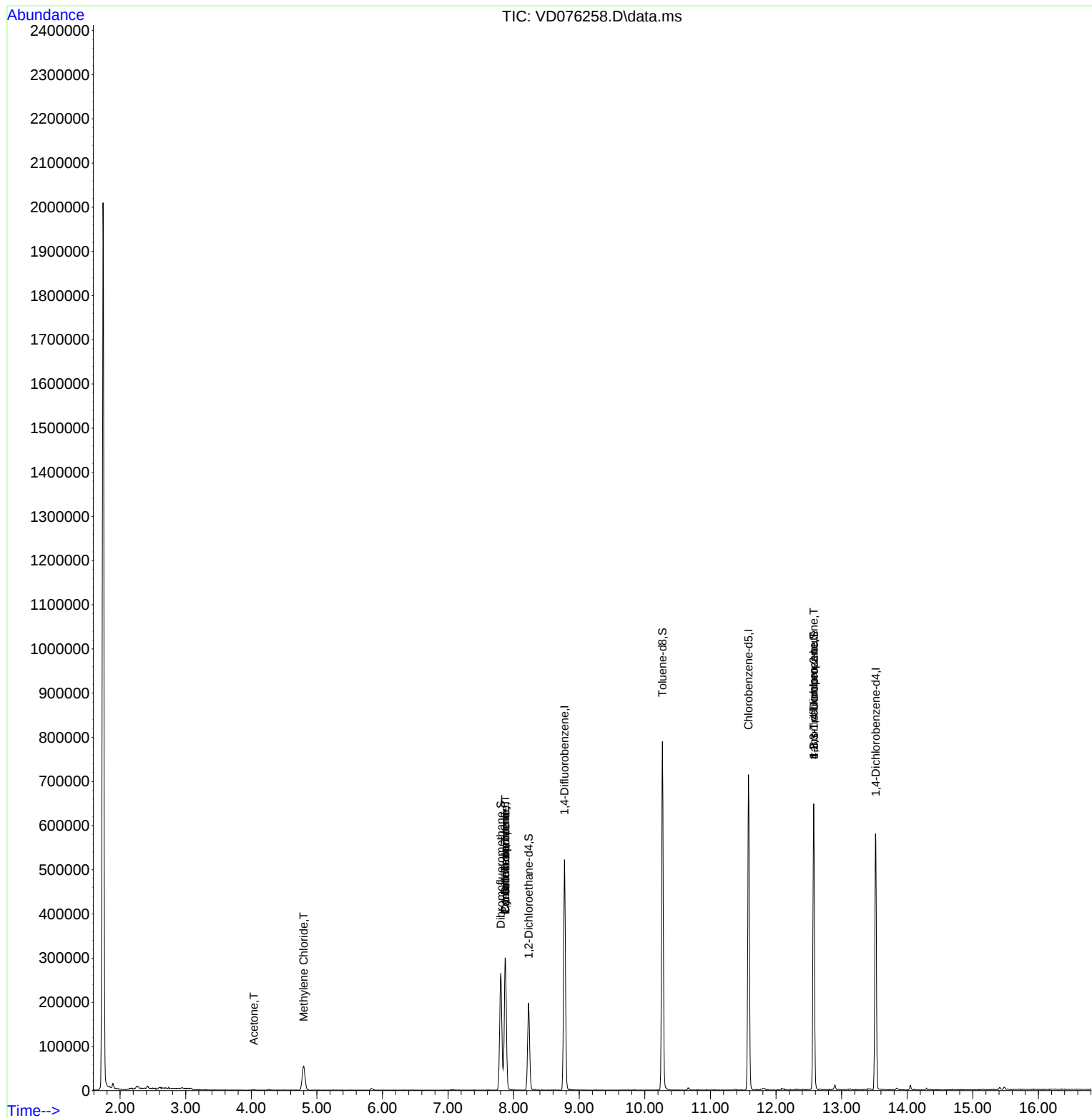
Internal Standards						
1) Pentafluorobenzene	7.875	168	247180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	488929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	440796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	168621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	145240	60.797	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.600%
35) Dibromofluoromethane	7.805	113	193714	57.319	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.640%
50) Toluene-d8	10.269	98	565462	42.921	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.840%
62) 4-Bromofluorobenzene	12.575	95	194305	53.094	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.180%
Target Compounds						
3) Chloromethane	2.152	50	1643	Below Cal		Qvalue 95
16) Acetone	4.040	43	1914	4.027	ug/l	92
17) Carbon Disulfide	4.263	76	2877	Below Cal	#	73
20) Methylene Chloride	4.799	84	46875	4.294	ug/l #	85
31) Cyclohexane	7.869	56	4897	1.338	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	18367	4.024	ug/l #	50
38) Carbon Tetrachloride	7.875	117	21695	5.262	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	96321	65.277	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	96321	136.940	ug/l #	5

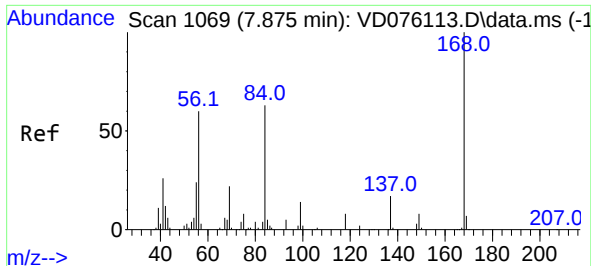
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

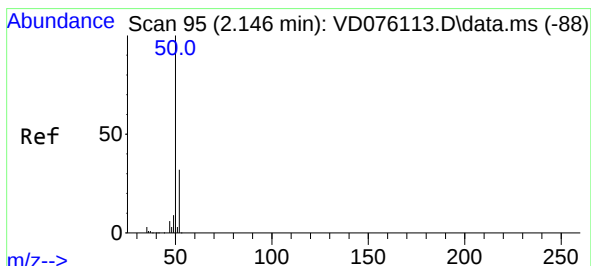
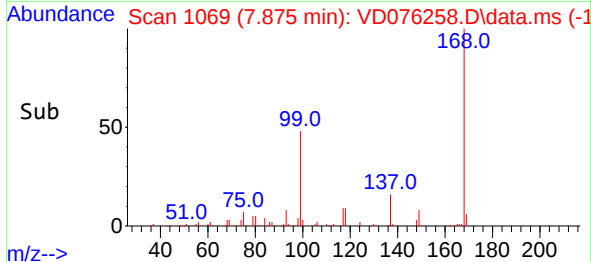
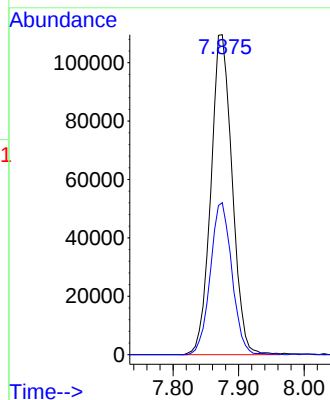
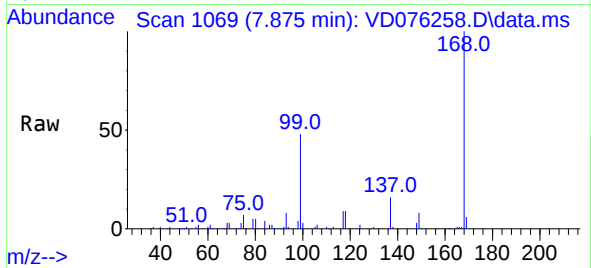




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD076258.D
Acq: 26 May 2023 14:41

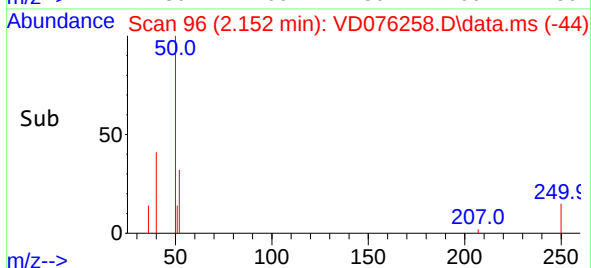
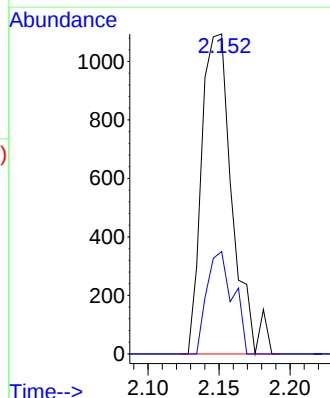
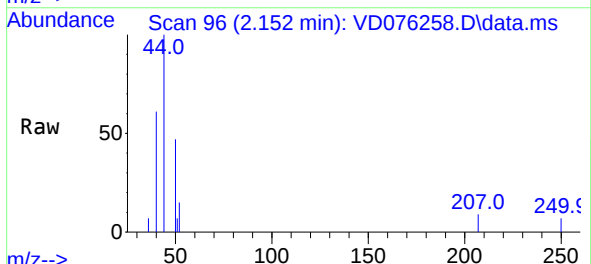
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW11-GW-398-400

Tgt Ion:168 Resp: 247180
Ion Ratio Lower Upper
168 100
99 47.5 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD076258.D
Acq: 26 May 2023 14:41

Tgt Ion: 50 Resp: 1643
Ion Ratio Lower Upper
50 100
52 32.0 27.8 41.8

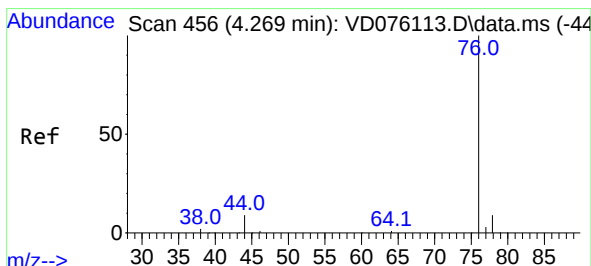
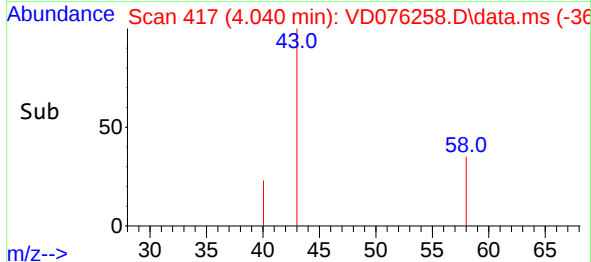
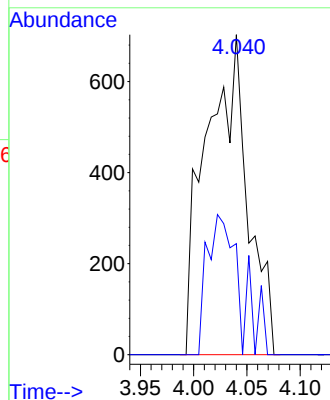
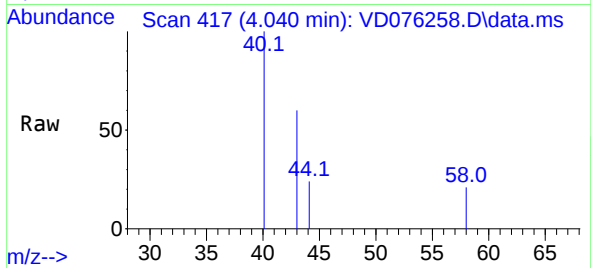




#16
Acetone
Concen: 4.027 ug/l
RT: 4.040 min Scan# 414
Delta R.T. 0.018 min
Lab File: VD076258.D
Acq: 26 May 2023 14:41

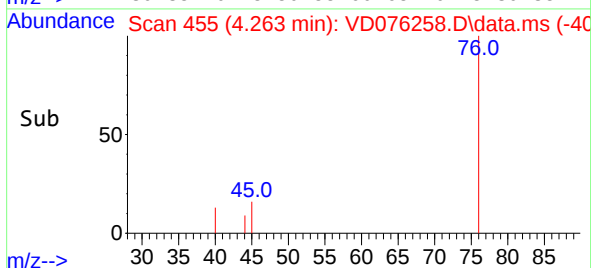
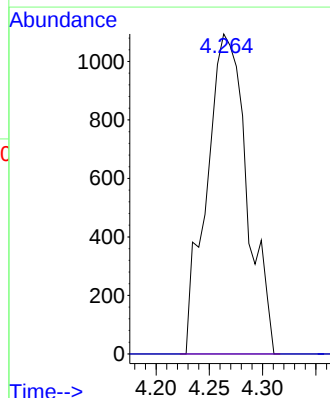
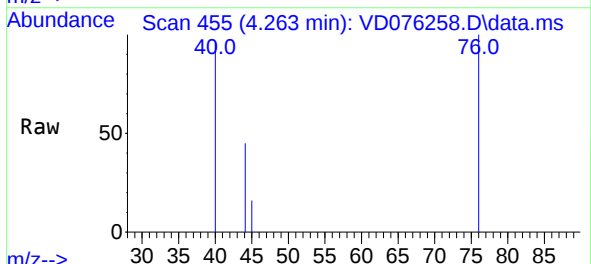
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW11-GW-398-400

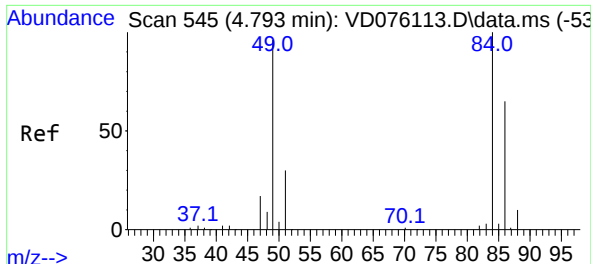
Tgt Ion: 43 Resp: 1914
Ion Ratio Lower Upper
43 100
58 34.7 24.4 36.6



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.263 min Scan# 455
Delta R.T. -0.006 min
Lab File: VD076258.D
Acq: 26 May 2023 14:41

Tgt Ion: 76 Resp: 2877
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#



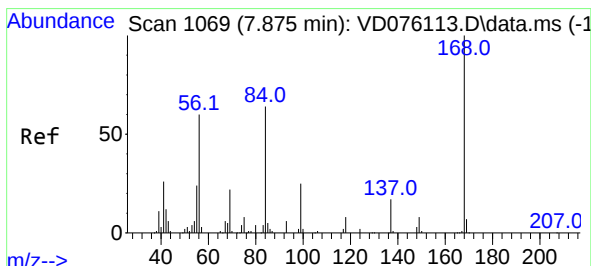
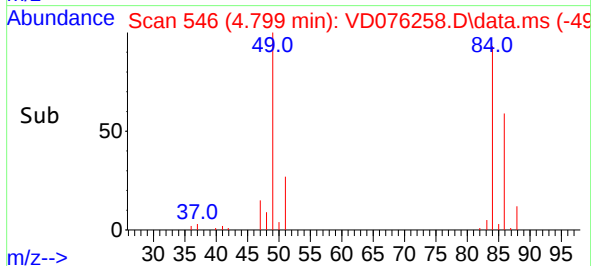
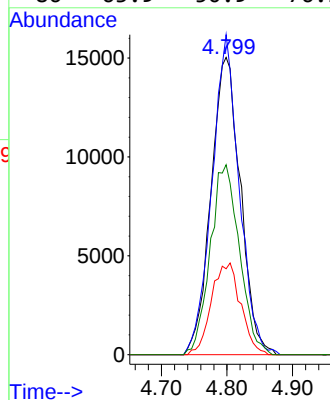
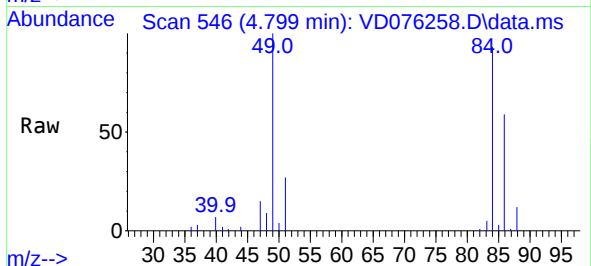


#20
Methylene Chloride
Concen: 4.294 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD076258.D
Acq: 26 May 2023 14:41

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

Tgt Ion: 84 Resp: 46875

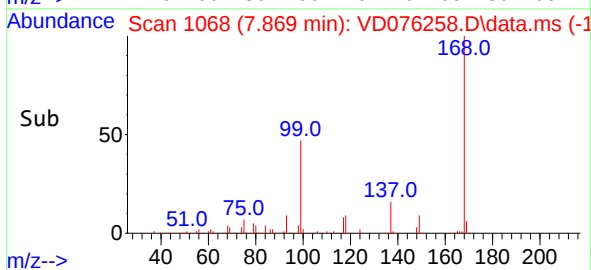
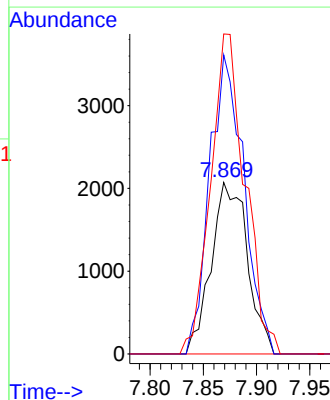
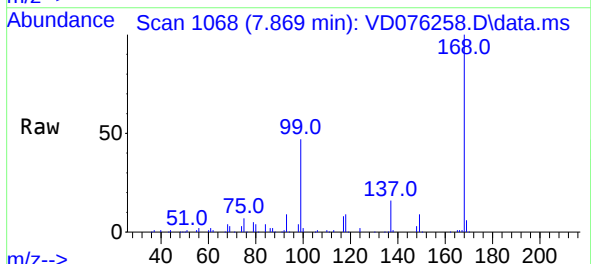
Ion	Ratio	Lower	Upper
84	100		
49	107.6	106.4	159.6
51	28.9	32.4	48.6#
86	63.9	50.9	76.3

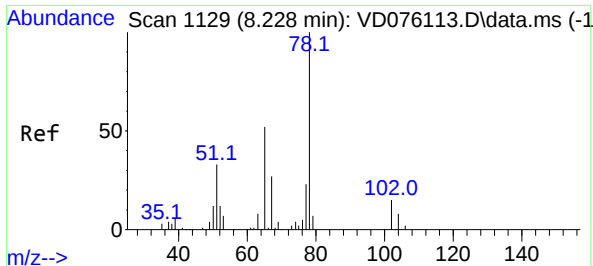


#31
Cyclohexane
Concen: 1.338 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076258.D
Acq: 26 May 2023 14:41

Tgt Ion: 56 Resp: 4897

Ion	Ratio	Lower	Upper
56	100		
69	174.3	25.5	38.3#
84	186.5	69.6	104.4#





#33

1,2-Dichloroethane-d4

Concen: 60.797 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076258.D

Acq: 26 May 2023 14:41

Instrument :

MSVOA_D

ClientSampleId :

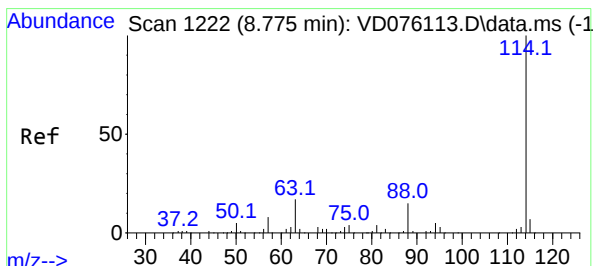
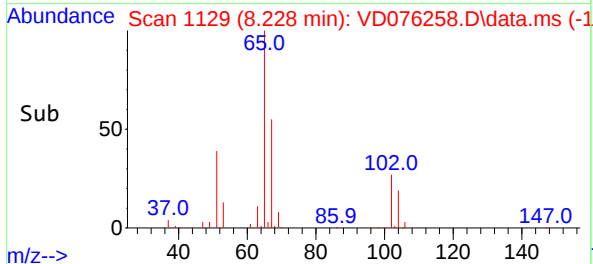
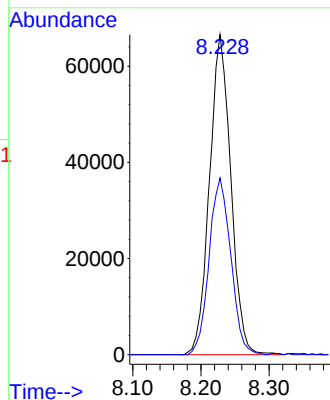
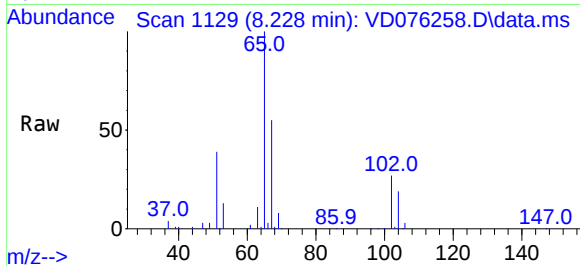
BP-VPB-RW11-GW-398-400

Tgt Ion: 65 Resp: 145240

Ion Ratio Lower Upper

65 100

67 56.0 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: VD076258.D

Acq: 26 May 2023 14:41

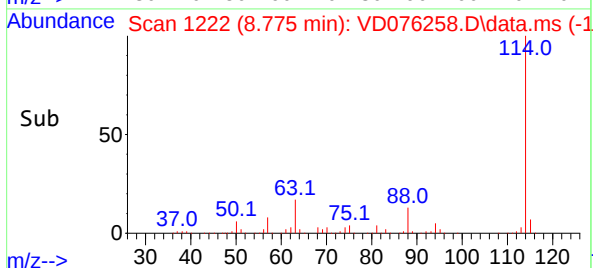
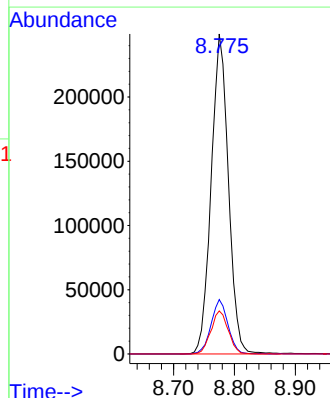
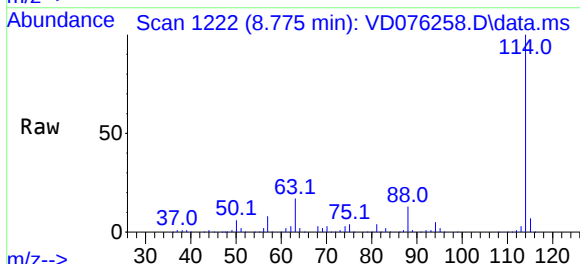
Tgt Ion: 114 Resp: 488929

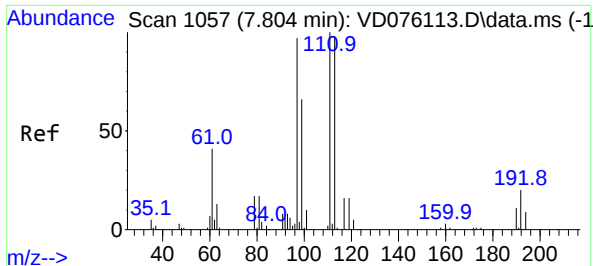
Ion Ratio Lower Upper

114 100

63 17.0 0.0 41.6

88 13.4 0.0 30.6

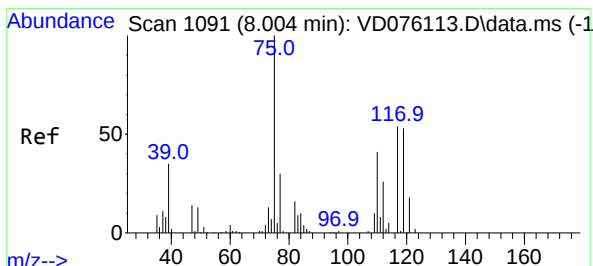
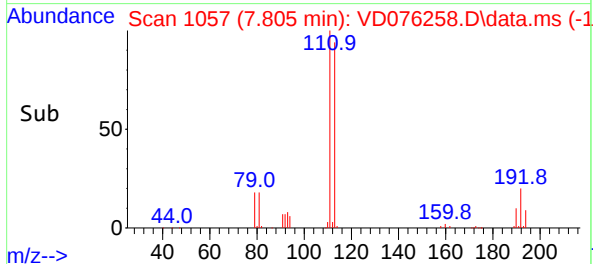
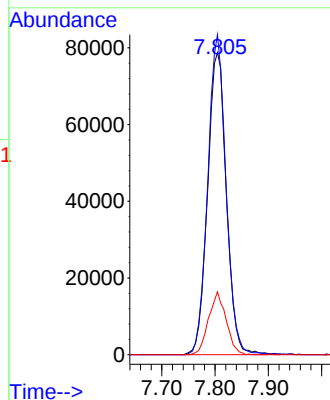
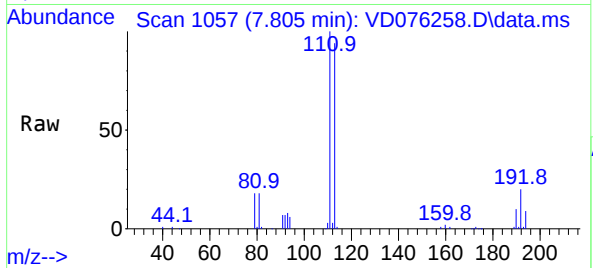




#35
Dibromofluoromethane
Concen: 57.319 ug/l
RT: 7.805 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076258.D
Acq: 26 May 2023 14:41

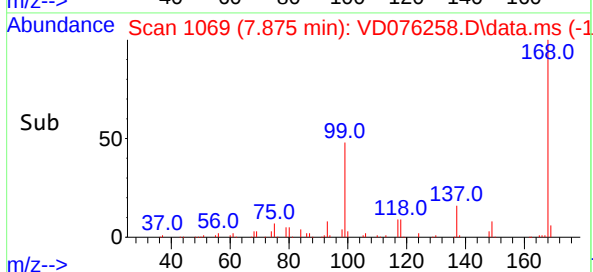
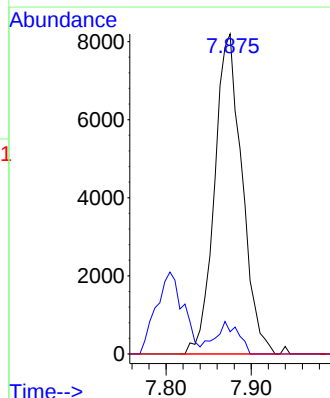
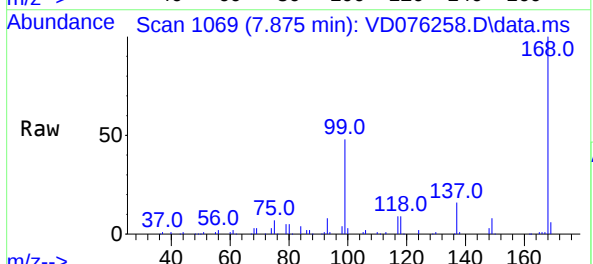
Instrument : MSVOA_D
ClientSampleId : BP-VPB-RW11-GW-398-400

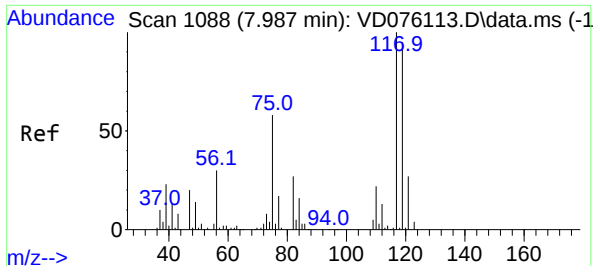
Tgt Ion:113 Resp: 193714
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 19.4 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.024 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD076258.D
Acq: 26 May 2023 14:41

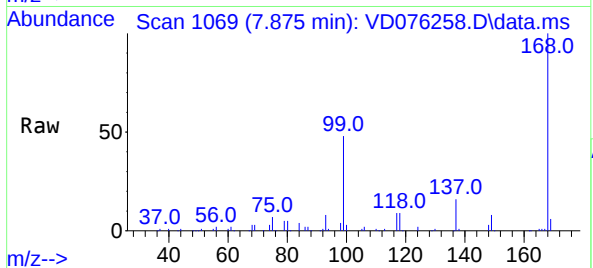
Tgt Ion: 75 Resp: 18367
Ion Ratio Lower Upper
75 100
110 8.5 17.1 51.2#
77 0.0 24.6 36.8#



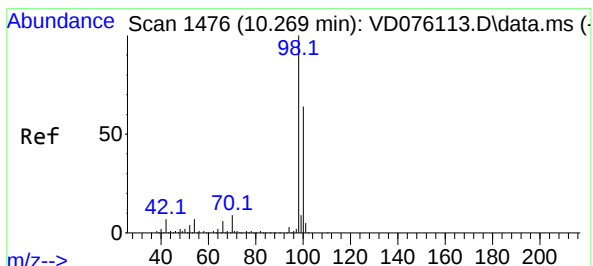
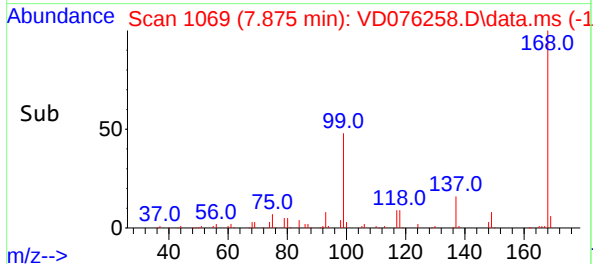
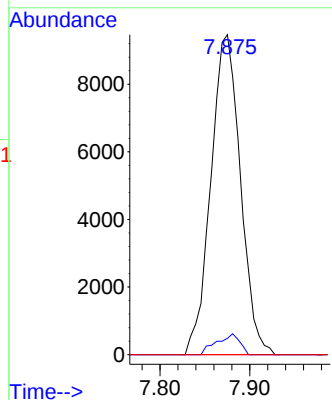


#38
Carbon Tetrachloride
Concen: 5.262 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.118 min
Lab File: VD076258.D
Acq: 26 May 2023 14:41

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

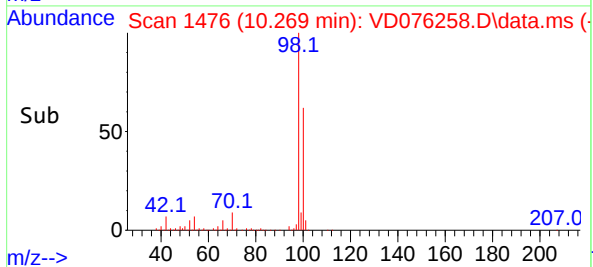
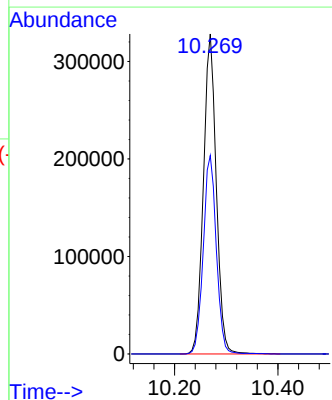
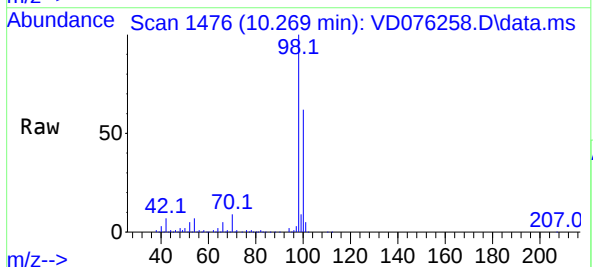


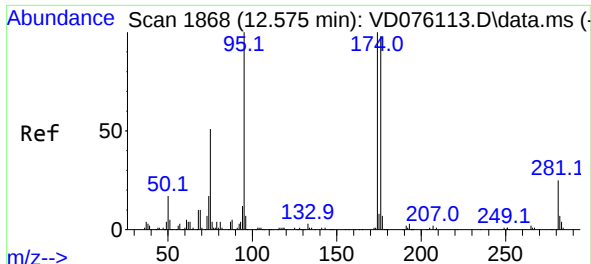
Tgt Ion:117 Resp: 21695
Ion Ratio Lower Upper
117 100
119 5.1 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 42.921 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076258.D
Acq: 26 May 2023 14:41

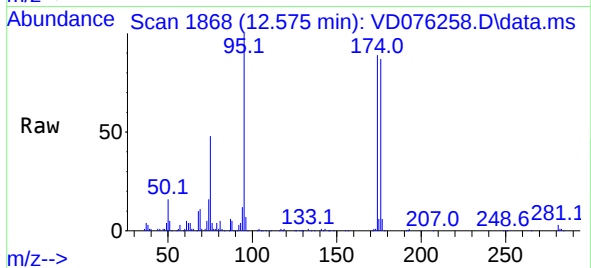
Tgt Ion: 98 Resp: 565462
Ion Ratio Lower Upper
98 100
100 62.8 52.1 78.1



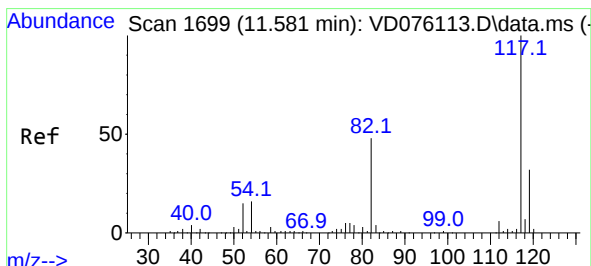
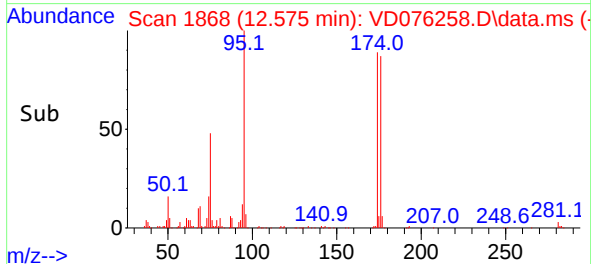
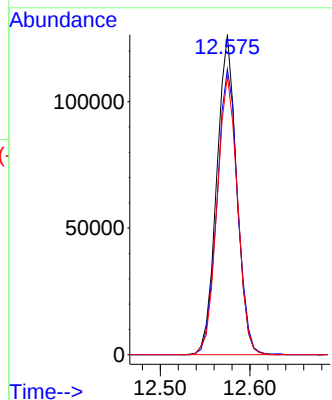


#62
4-Bromofluorobenzene
Concen: 53.094 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076258.D
Acq: 26 May 2023 14:41

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

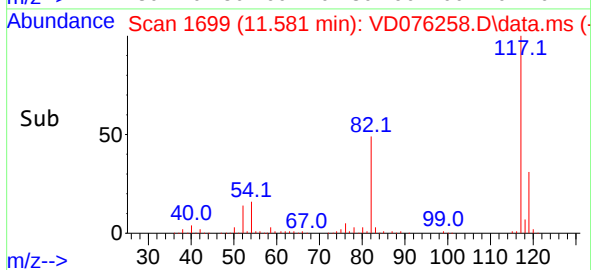
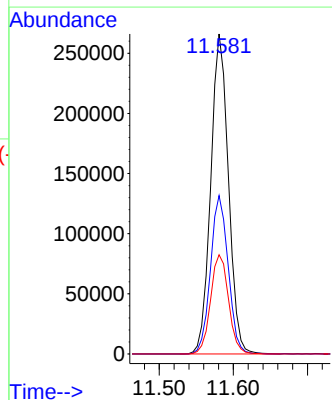
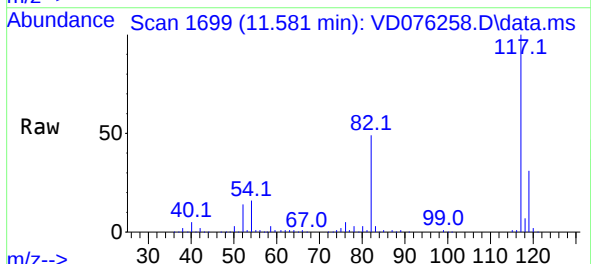


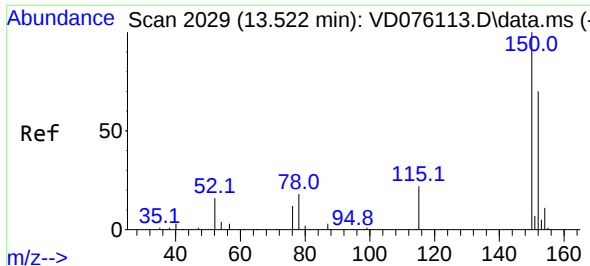
Tgt Ion: 95 Resp: 194305
Ion Ratio Lower Upper
95 100
174 92.7 0.0 164.0
176 89.2 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076258.D
Acq: 26 May 2023 14:41

Tgt Ion: 117 Resp: 440796
Ion Ratio Lower Upper
117 100
82 49.5 44.0 66.0
119 31.0 25.1 37.7

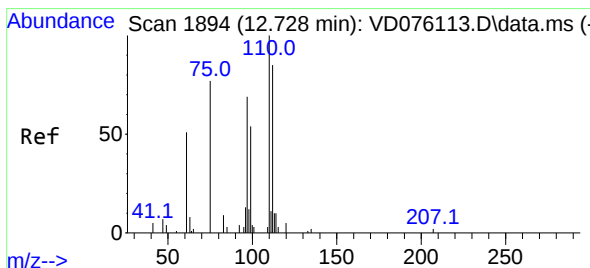
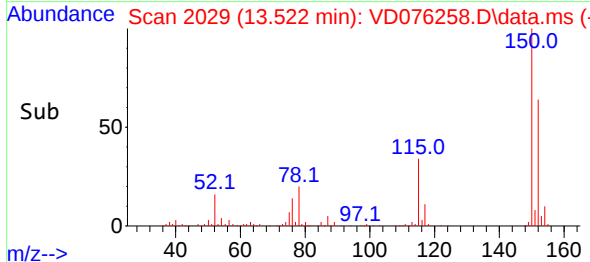
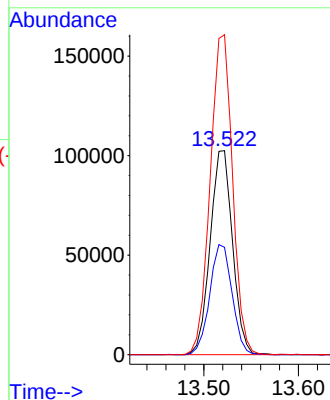
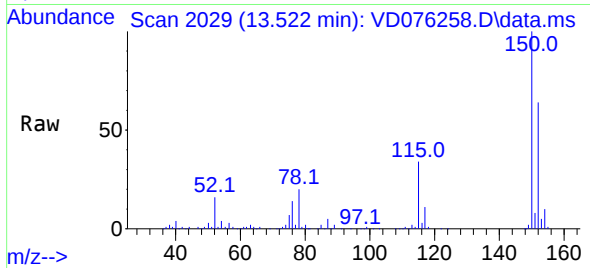




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076258.D
Acq: 26 May 2023 14:41

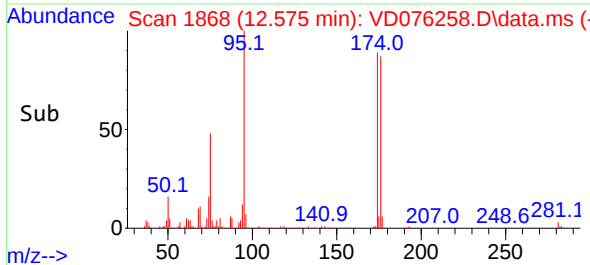
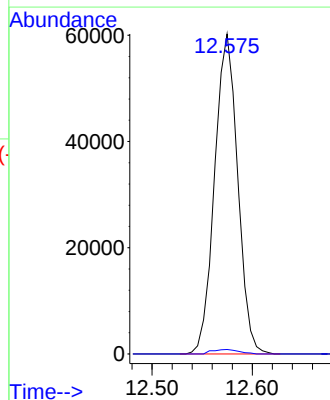
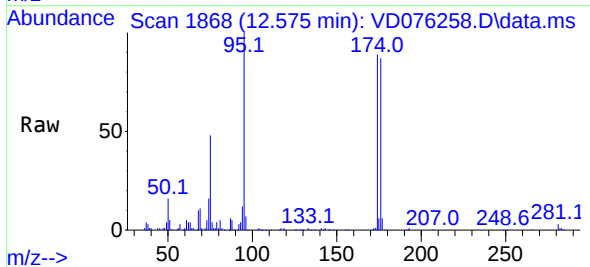
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW11-GW-398-400

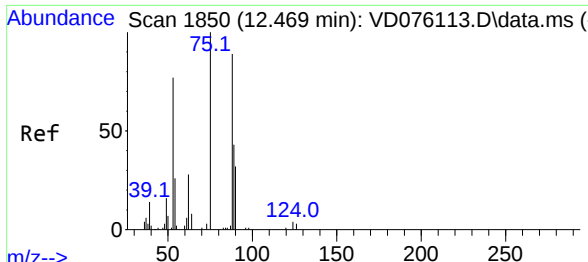
Tgt Ion:152 Resp: 168621
Ion Ratio Lower Upper
152 100
115 54.0 30.1 90.3
150 156.4 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 65.277 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076258.D
Acq: 26 May 2023 14:41

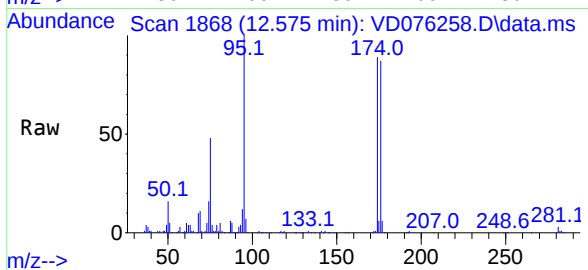
Tgt Ion: 75 Resp: 96321
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.940 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD076258.D
 Acq: 26 May 2023 14:41

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



Tgt Ion:	75	Resp:	96321
Ion	Ratio	Lower	Upper
75	100		
53	0.1	90.5	135.7#
89	0.1	40.2	60.4#

