

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052623\
 Data File : VD076259.D
 Acq On : 26 May 2023 15:10
 Operator : KP/SY
 Sample : 02944-17RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW11-GW-418-420RE

Quant Time: May 26 16:05:36 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)

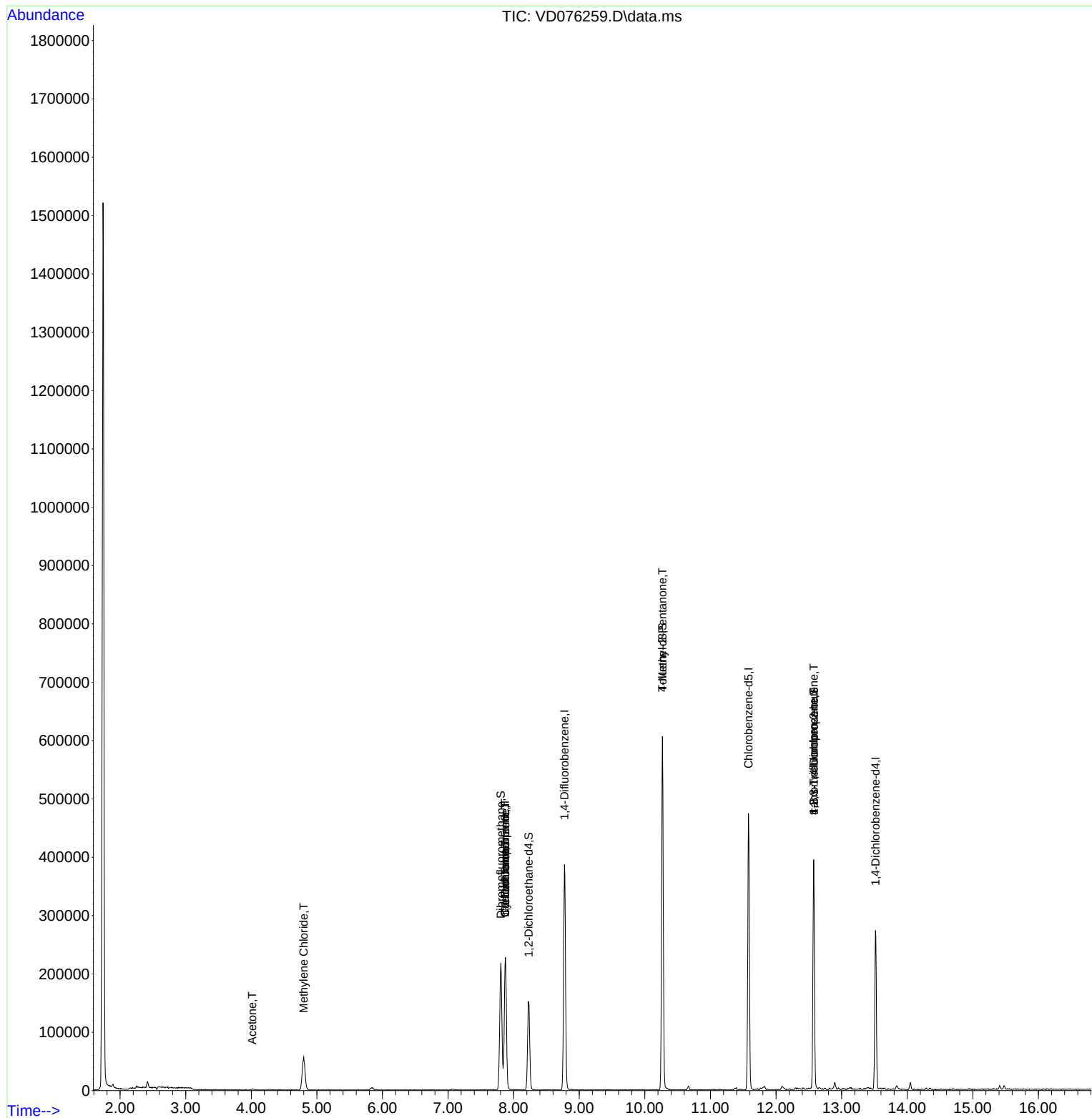
Internal Standards						
1) Pentafluorobenzene	7.875	168	190031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	371936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	290420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	79635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	118933	64.757	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.520%	
35) Dibromofluoromethane	7.804	113	157294	61.183	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.360%	
50) Toluene-d8	10.269	98	433373	43.242	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 86.480%	
62) 4-Bromofluorobenzene	12.575	95	115769	41.584	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.160%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	572	Below Cal	#	40
16) Acetone	4.016	43	3189	8.727	ug/l #	78
17) Carbon Disulfide	4.263	76	1462	Below Cal	#	73
20) Methylene Chloride	4.799	84	46886	8.675	ug/l #	78
31) Cyclohexane	7.869	56	3748	1.332	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	14402	4.148	ug/l #	48
38) Carbon Tetrachloride	7.869	117	17592	5.609	ug/l #	17
51) 4-Methyl-2-Pentanone	10.269	43	1345	1.126	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	57427	82.407	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	57427	172.875	ug/l #	5

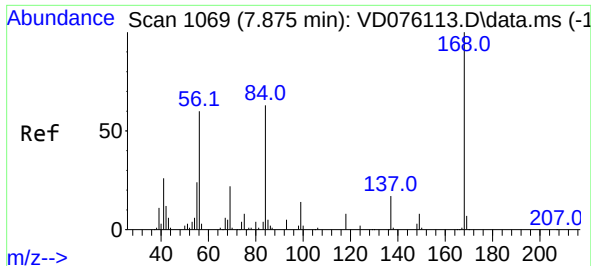
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

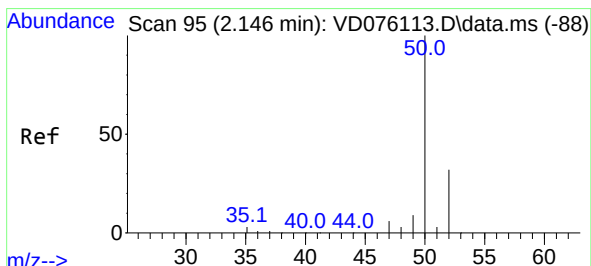
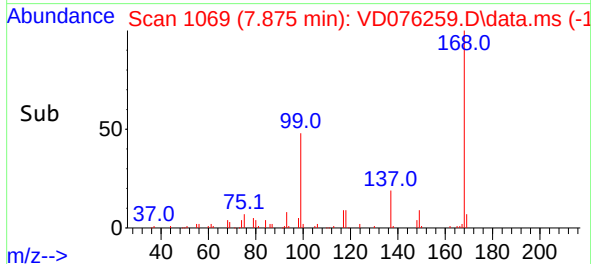
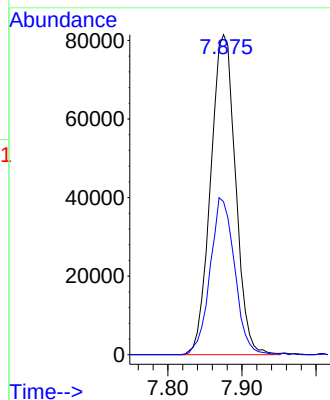
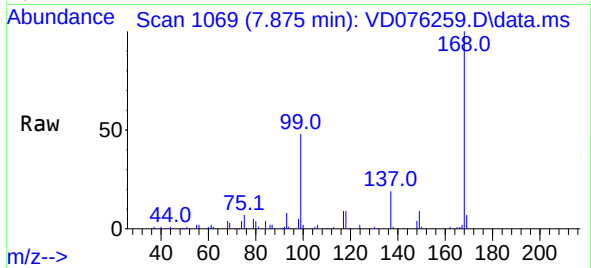




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD076259.D
Acq: 26 May 2023 15:10

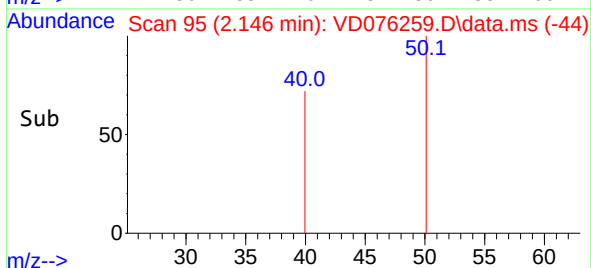
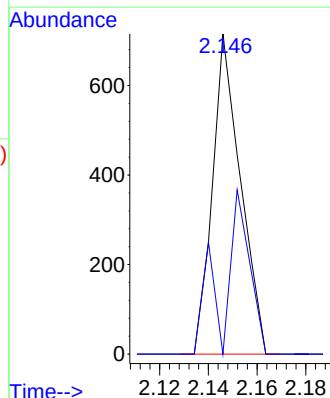
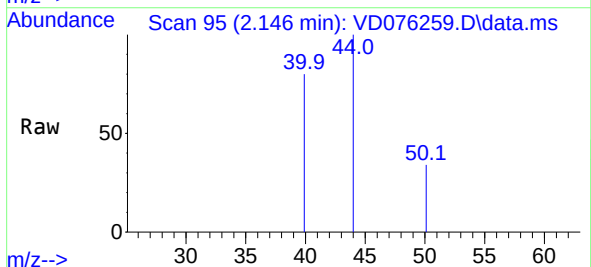
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW11-GW-418-420RE

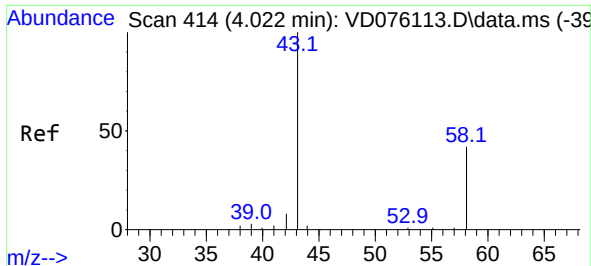
Tgt Ion:168 Resp: 190031
Ion Ratio Lower Upper
168 100
99 47.8 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076259.D
Acq: 26 May 2023 15:10

Tgt Ion: 50 Resp: 572
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

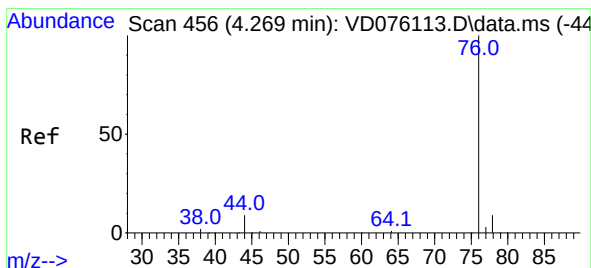
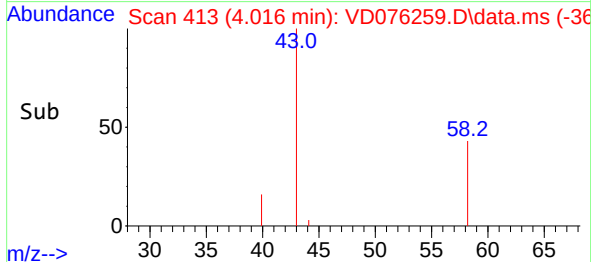
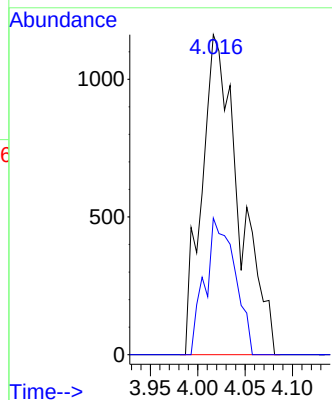
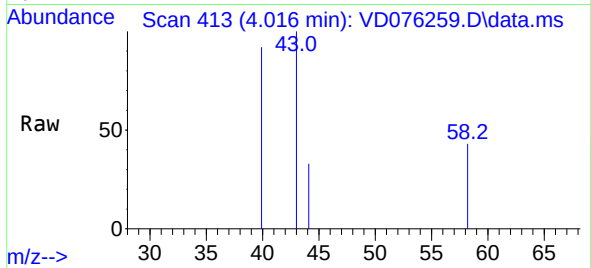




#16
Acetone
Concen: 8.727 ug/l
RT: 4.016 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076259.D
Acq: 26 May 2023 15:10

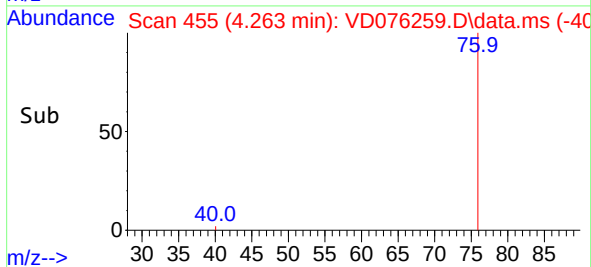
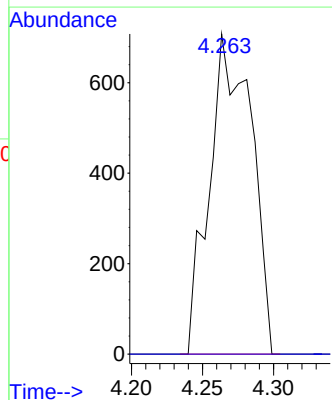
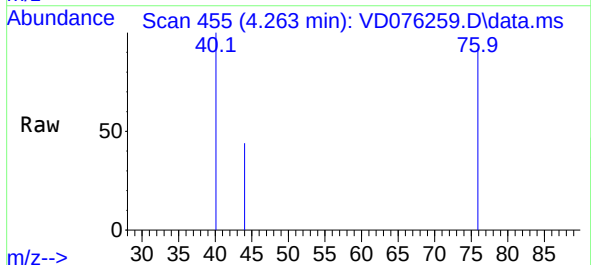
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW11-GW-418-420RE

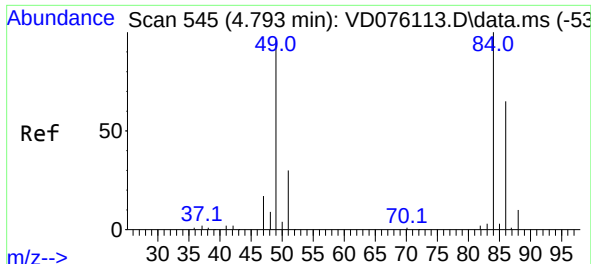
Tgt Ion: 43 Resp: 3189
Ion Ratio Lower Upper
43 100
58 42.7 24.4 36.6#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.263 min Scan# 455
Delta R.T. -0.006 min
Lab File: VD076259.D
Acq: 26 May 2023 15:10

Tgt Ion: 76 Resp: 1462
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#

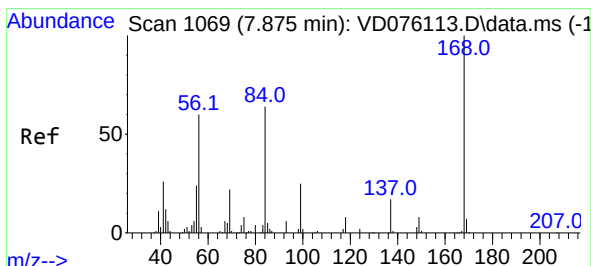
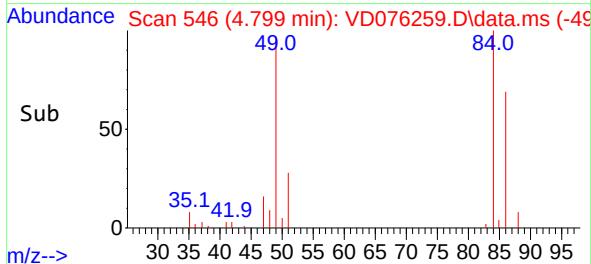
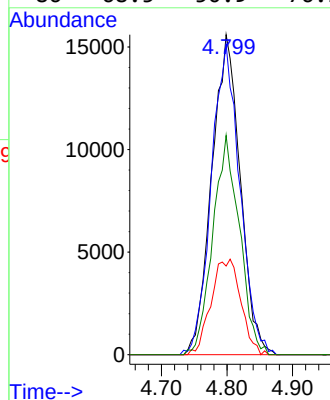
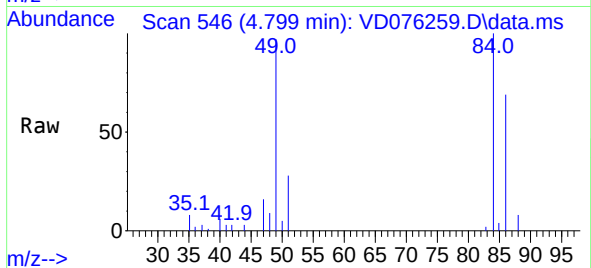




#20
Methylene Chloride
Concen: 8.675 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD076259.D
Acq: 26 May 2023 15:10

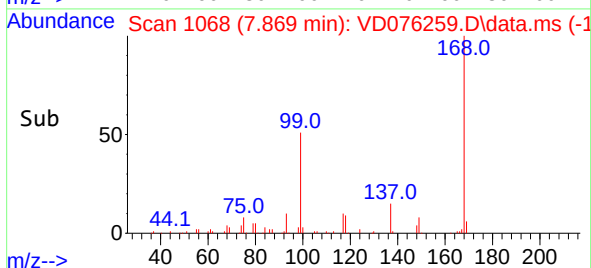
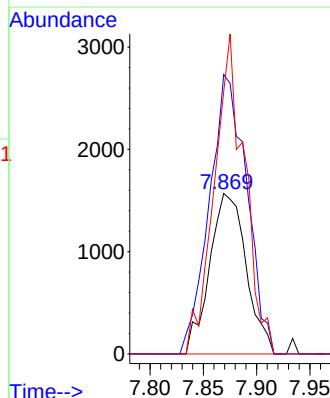
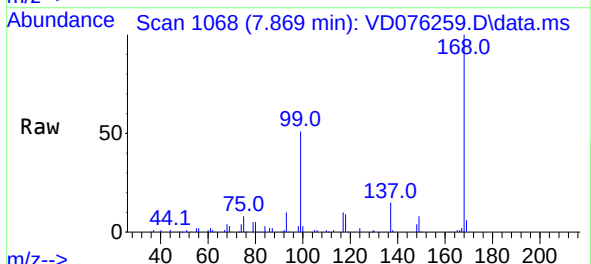
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW11-GW-418-420RE

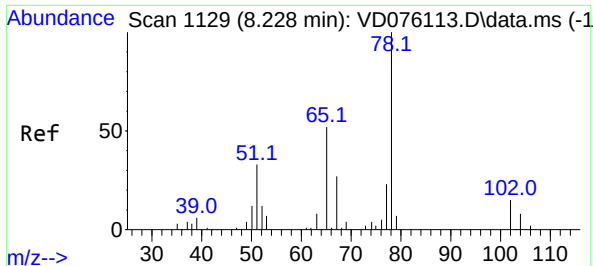
Tgt Ion:	84	Resp:	46886
Ion	Ratio	Lower	Upper
84	100		
49	97.1	106.4	159.6#
51	27.7	32.4	48.6#
86	68.5	50.9	76.3



#31
Cyclohexane
Concen: 1.332 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076259.D
Acq: 26 May 2023 15:10

Tgt Ion:	56	Resp:	3748
Ion	Ratio	Lower	Upper
56	100		
69	174.1	25.5	38.3#
84	163.5	69.6	104.4#





#33

1,2-Dichloroethane-d4

Concen: 64.757 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076259.D

Acq: 26 May 2023 15:10

Instrument :

MSVOA_D

ClientSampleId :

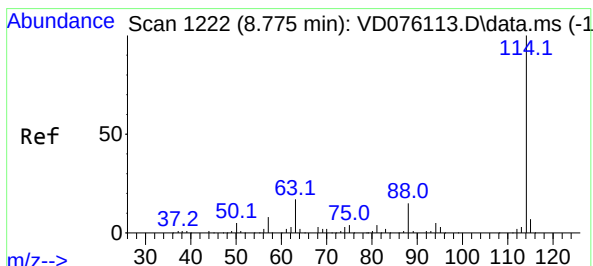
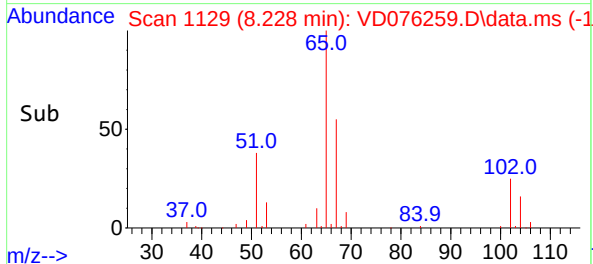
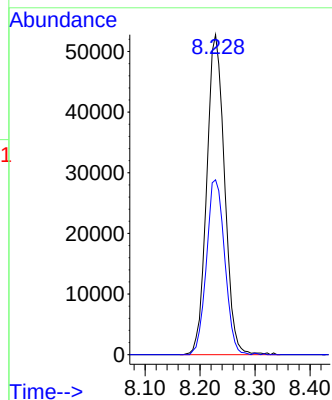
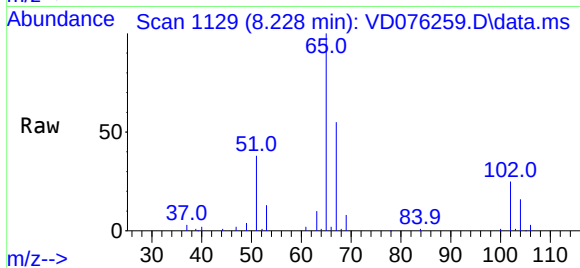
BP-VPB-RW11-GW-418-420RE

Tgt Ion: 65 Resp: 118933

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: VD076259.D

Acq: 26 May 2023 15:10

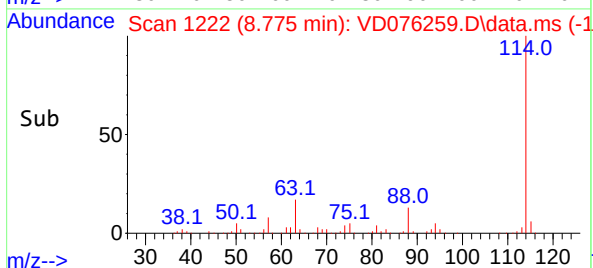
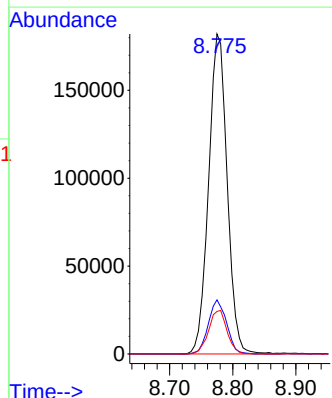
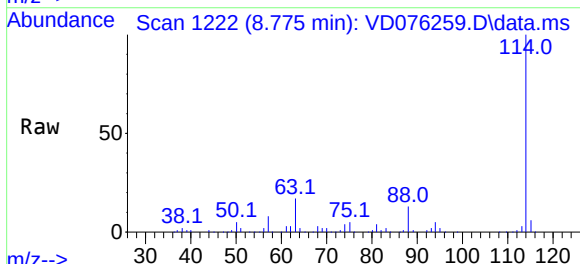
Tgt Ion: 114 Resp: 371936

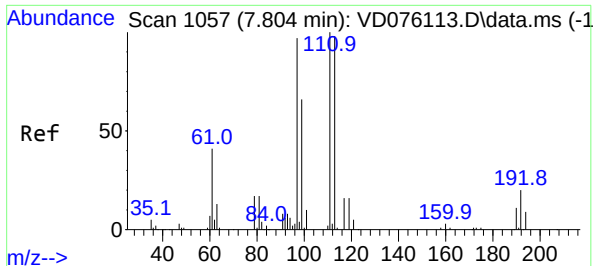
Ion Ratio Lower Upper

114 100

63 16.9 0.0 41.6

88 13.3 0.0 30.6

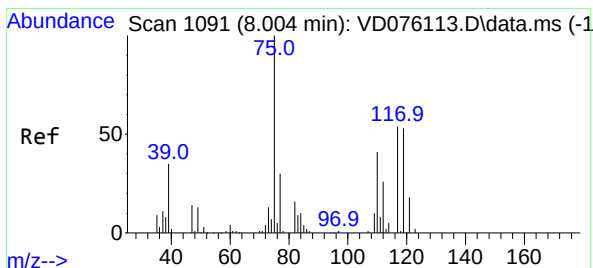
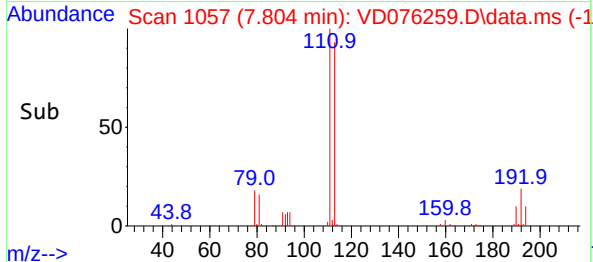
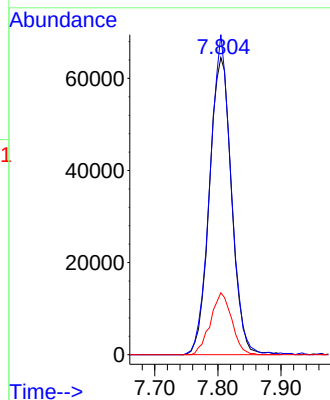
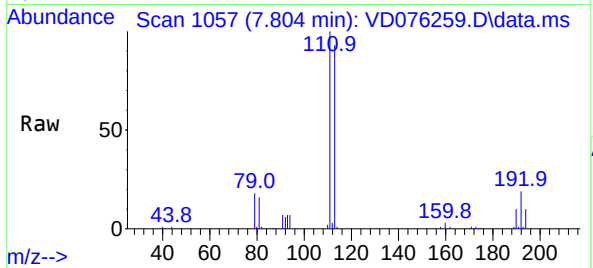




#35
Dibromofluoromethane
Concen: 61.183 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076259.D
Acq: 26 May 2023 15:10

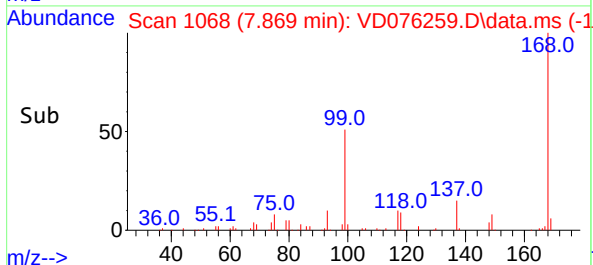
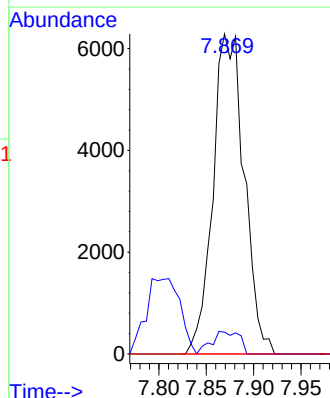
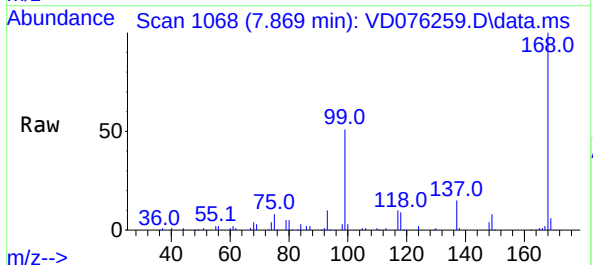
Instrument : MSVOA_D
ClientSampleId : BP-VPB-RW11-GW-418-420RE

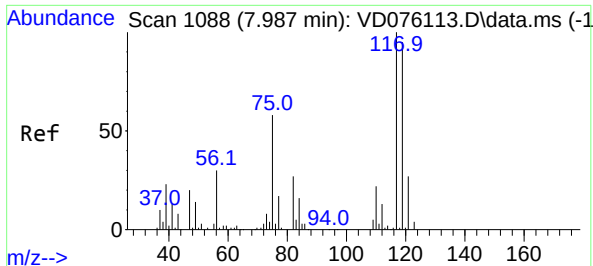
Tgt Ion: 113 Resp: 157294
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 20.0 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.148 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD076259.D
Acq: 26 May 2023 15:10

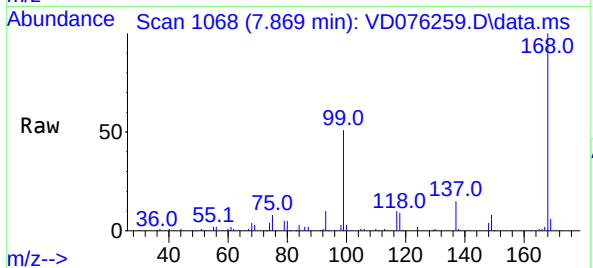
Tgt Ion: 75 Resp: 14402
Ion Ratio Lower Upper
75 100
110 6.3 17.1 51.2#
77 0.0 24.6 36.8#



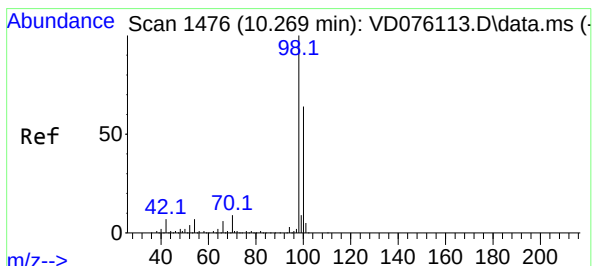
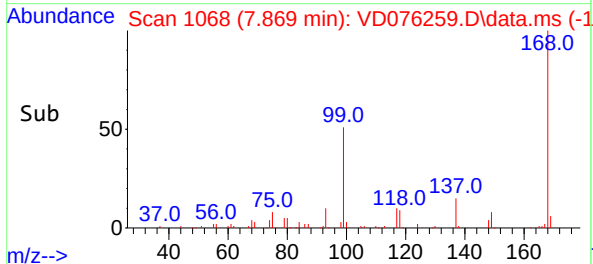
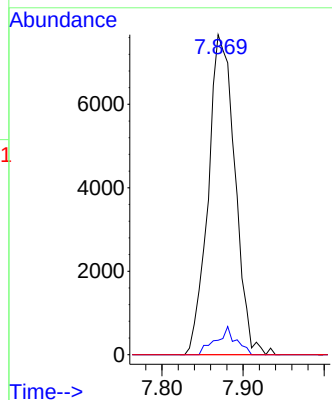


#38
Carbon Tetrachloride
Concen: 5.609 ug/l
RT: 7.869 min Scan# 1088
Delta R.T. -0.124 min
Lab File: VD076259.D
Acq: 26 May 2023 15:10

Instrument : MSVOA_D
ClientSampleId : BP-VPB-RW11-GW-418-420RE

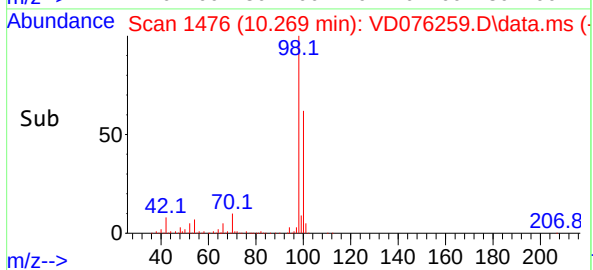
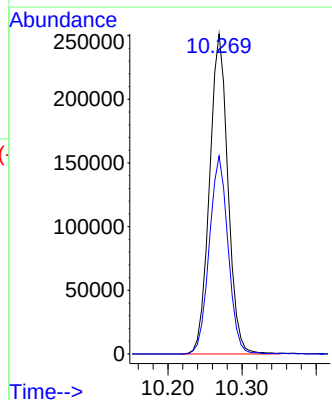
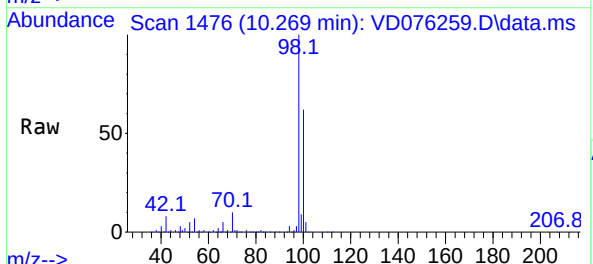


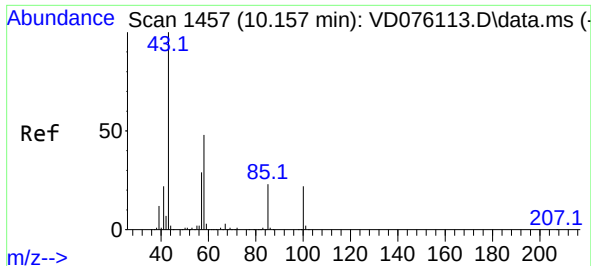
Tgt Ion:117 Resp: 17592
Ion Ratio Lower Upper
117 100
119 4.5 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 43.242 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076259.D
Acq: 26 May 2023 15:10

Tgt Ion: 98 Resp: 433373
Ion Ratio Lower Upper
98 100
100 63.1 52.1 78.1

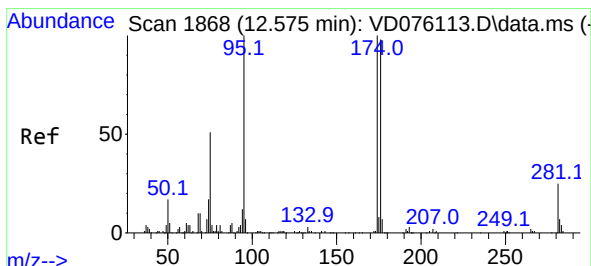
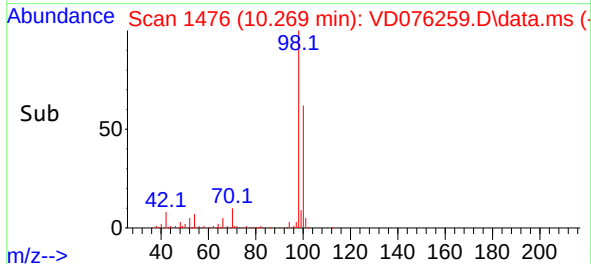
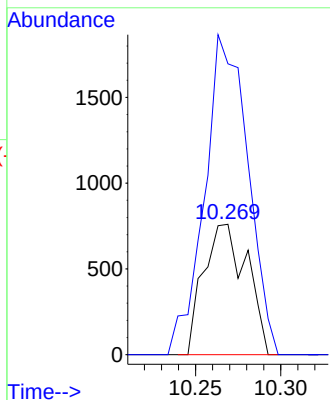
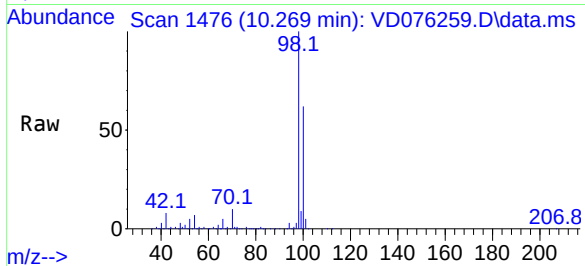




#51
4-Methyl-2-Pentanone
Concen: 1.126 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD076259.D
Acq: 26 May 2023 15:10

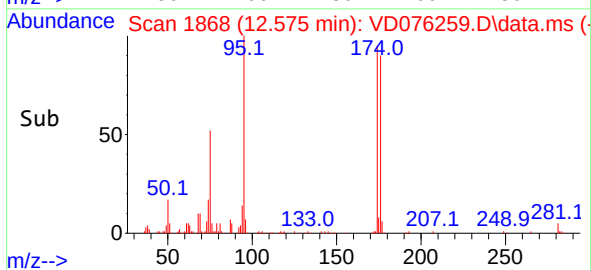
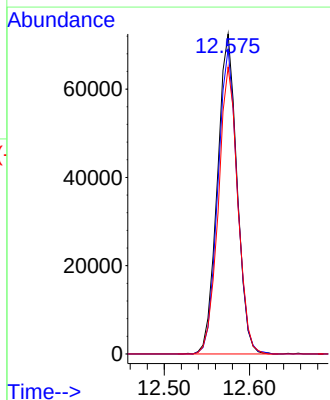
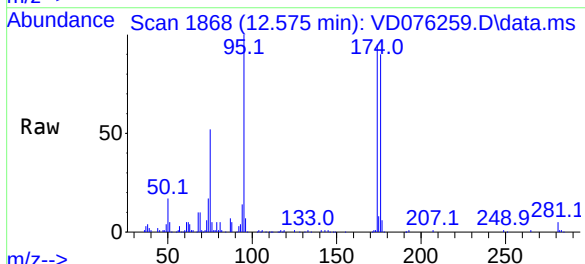
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW11-GW-418-420RE

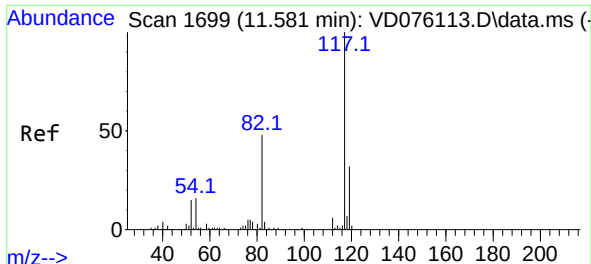
Tgt Ion: 43 Resp: 1345
Ion Ratio Lower Upper
43 100
58 245.3 29.5 44.3#



#62
4-Bromofluorobenzene
Concen: 41.584 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076259.D
Acq: 26 May 2023 15:10

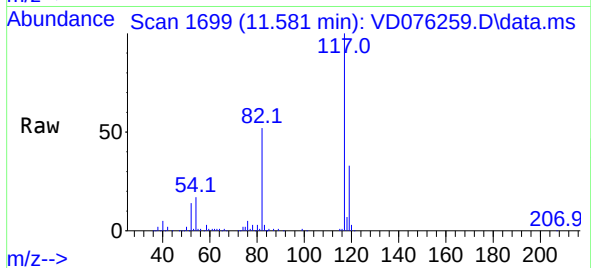
Tgt Ion: 95 Resp: 115769
Ion Ratio Lower Upper
95 100
174 94.2 0.0 164.0
176 88.8 0.0 156.8



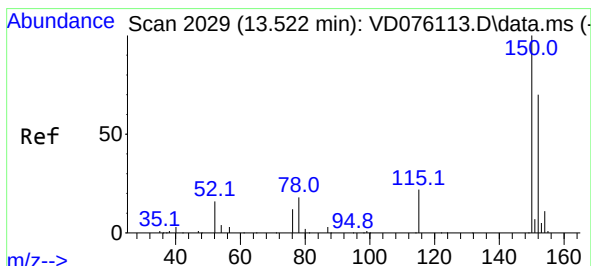
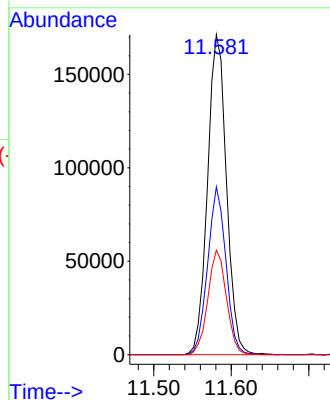
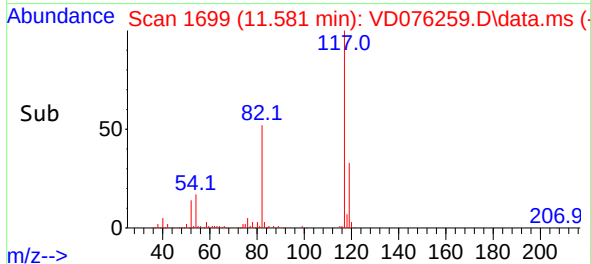


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076259.D
Acq: 26 May 2023 15:10

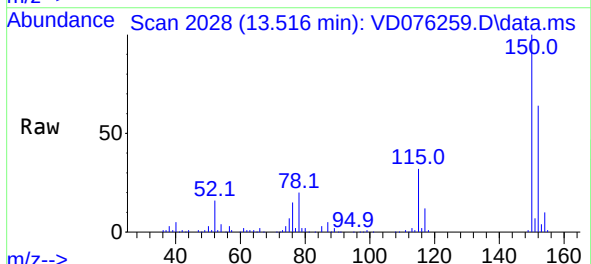
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW11-GW-418-420RE



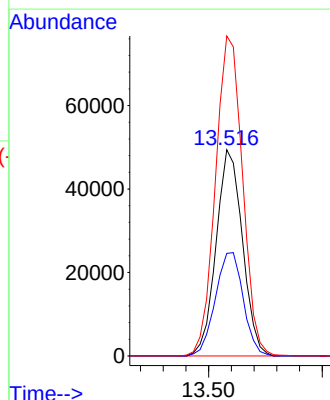
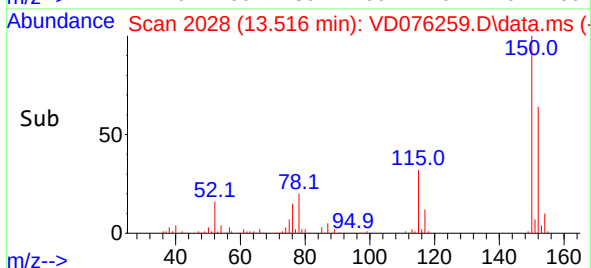
Tgt Ion:117 Resp: 290420
Ion Ratio Lower Upper
117 100
82 52.5 44.0 66.0
119 32.6 25.1 37.7

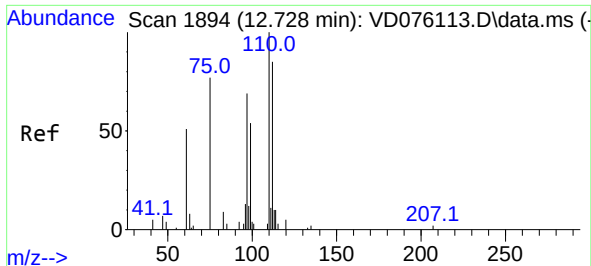


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076259.D
Acq: 26 May 2023 15:10



Tgt Ion:152 Resp: 79635
Ion Ratio Lower Upper
152 100
115 53.1 30.1 90.3
150 159.5 0.0 364.8

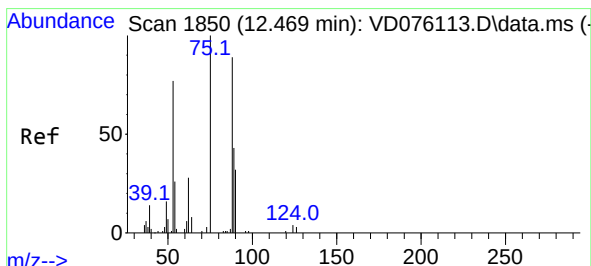
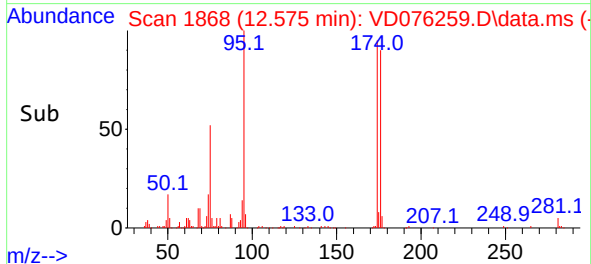
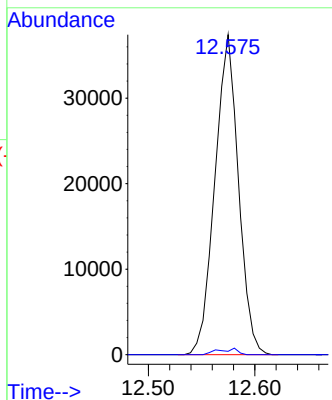
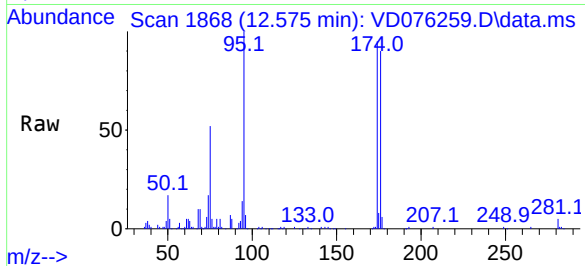




#76
1,2,3-Trichloropropane
Concen: 82.407 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076259.D
Acq: 26 May 2023 15:10

Instrument : MSVOA_D
ClientSampleId : BP-VPB-RW11-GW-418-420RE

Tgt Ion: 75 Resp: 57427
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 172.875 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076259.D
Acq: 26 May 2023 15:10

Tgt Ion: 75 Resp: 57427
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

