

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)

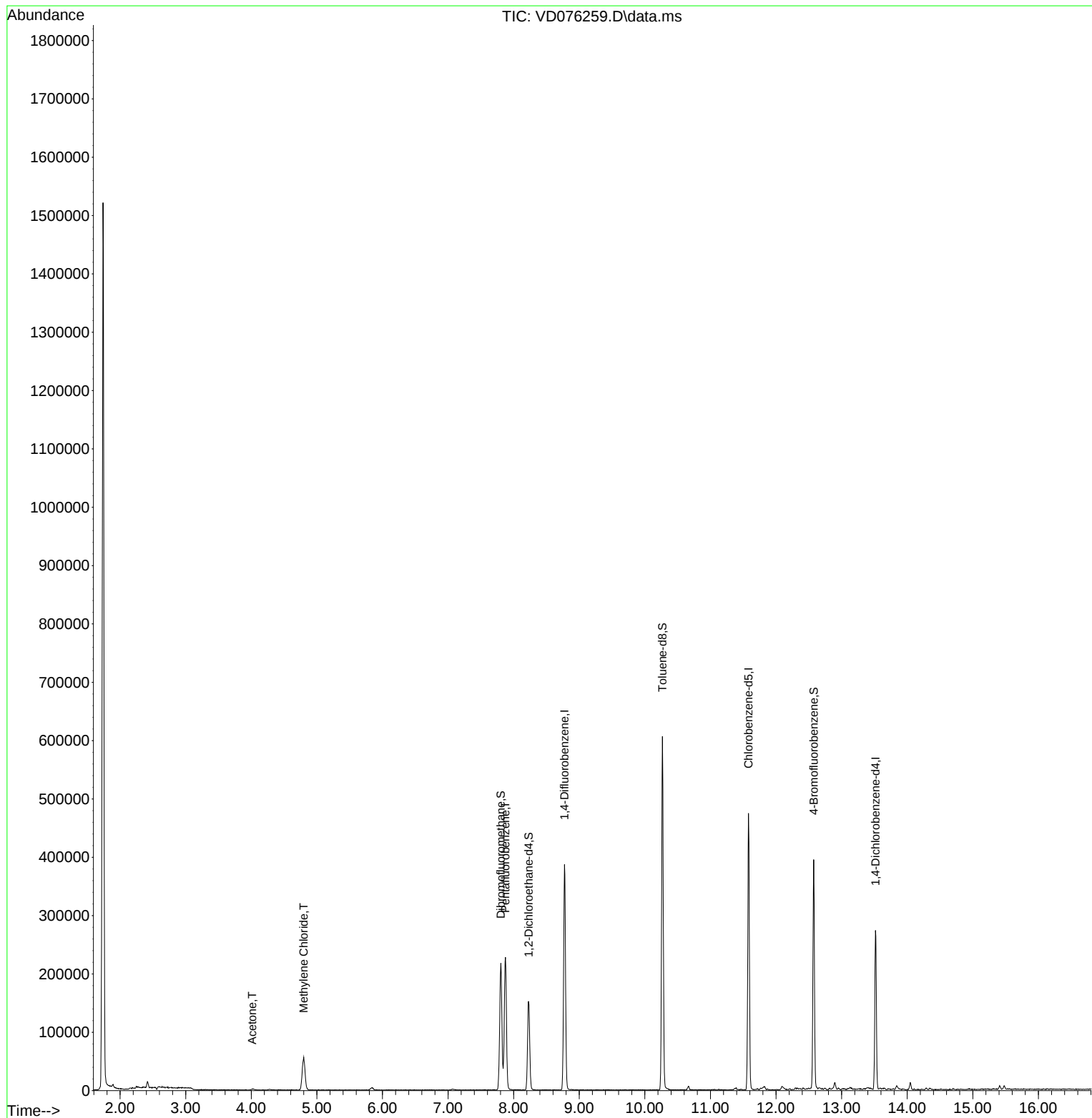
Internal Standards						
1) Pentafluorobenzene	7.875	168	190031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	371936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	290420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	79635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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
16) Acetone	4.016	43	3189	8.727	ug/l #	78
20) Methylene Chloride	4.799	84	46886	8.675	ug/l #	78

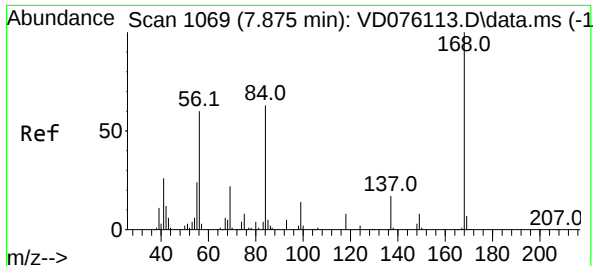
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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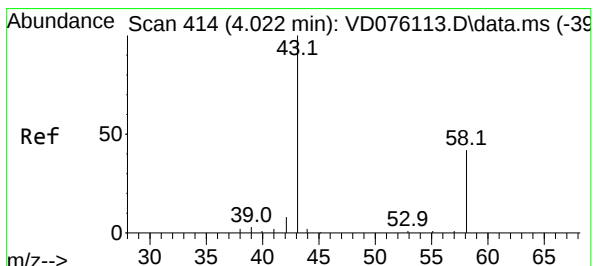
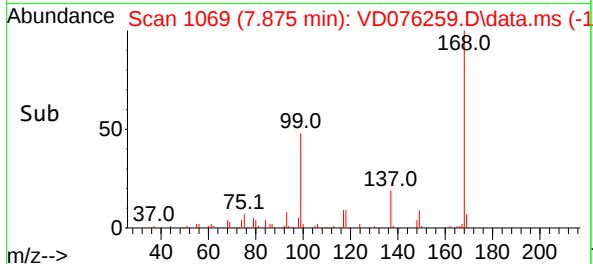
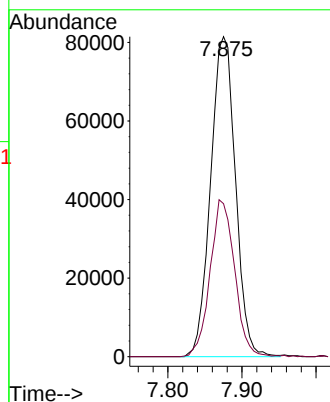
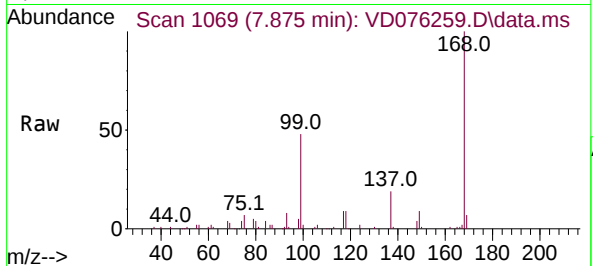




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076259.D
Acq: 26 May 2023 15:10

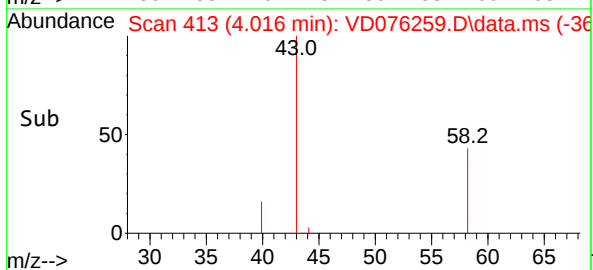
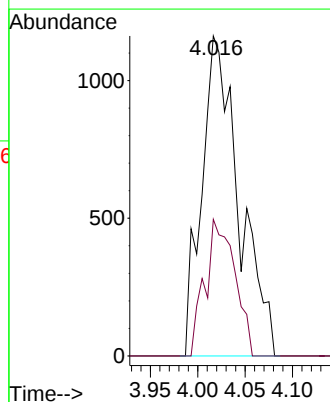
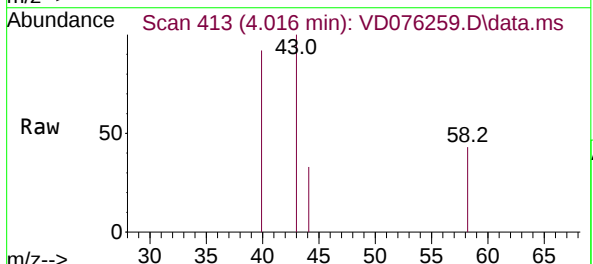
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW11-GW-418-420RE

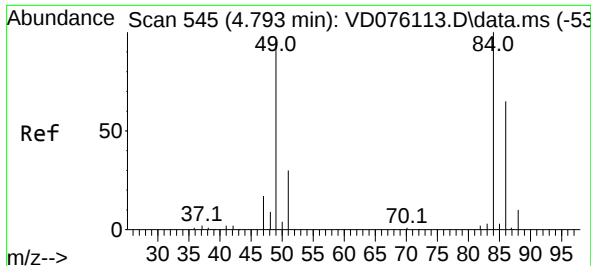
Tgt Ion:168 Resp: 190031
Ion Ratio Lower Upper
168 100
99 47.8 43.8 65.6



#16
Acetone
Concen: 8.727 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076259.D
Acq: 26 May 2023 15:10

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

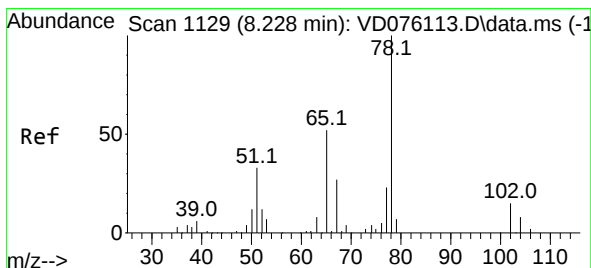
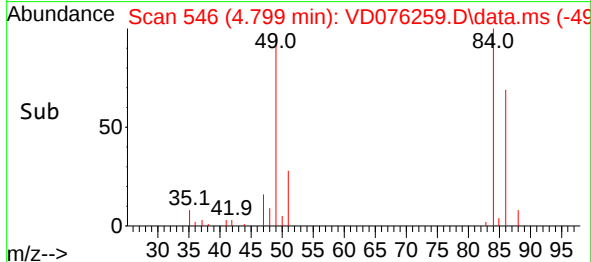
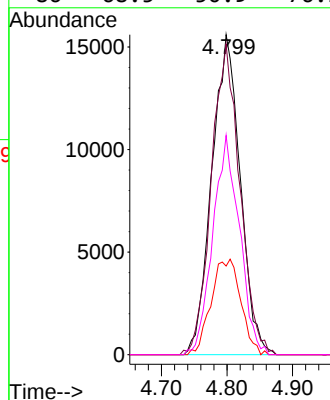
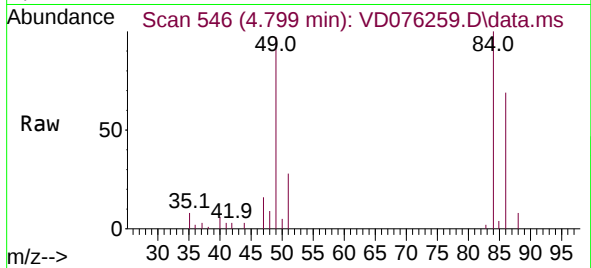




#20
Methylene Chloride
Concen: 8.675 ug/l
RT: 4.799 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD076259.D
Acq: 26 May 2023 15:10

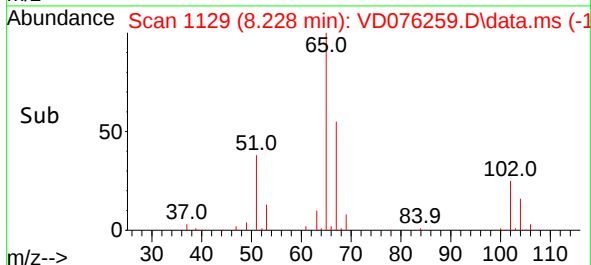
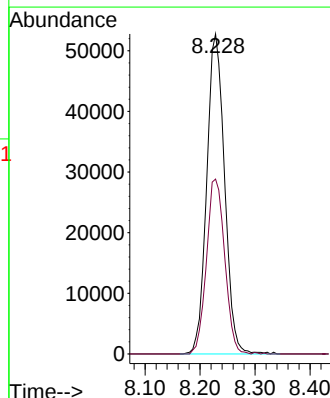
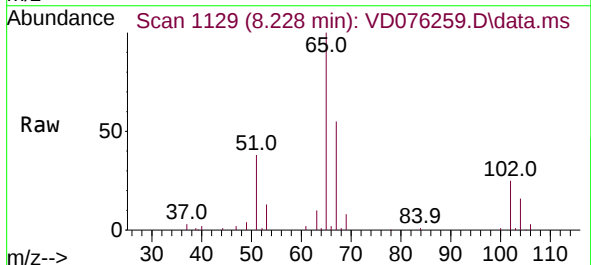
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW11-GW-418-420RE

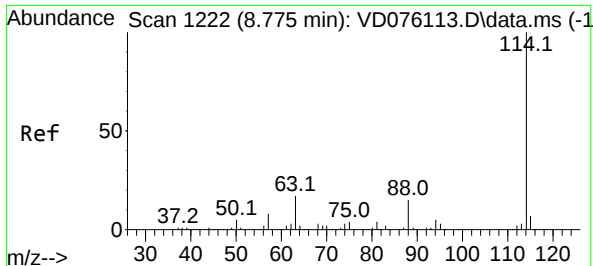
Tgt Ion:	84	Resp:	46886
Ion	Ratio	Lower	Upper
84	100		
49	97.1	106.4	159.6#
51	27.7	32.4	48.6#
86	68.5	50.9	76.3



#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

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# 1

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

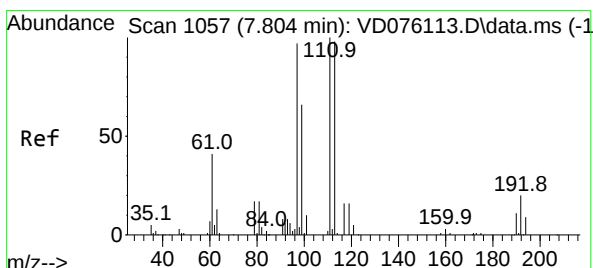
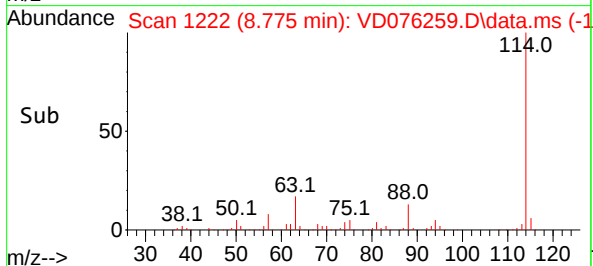
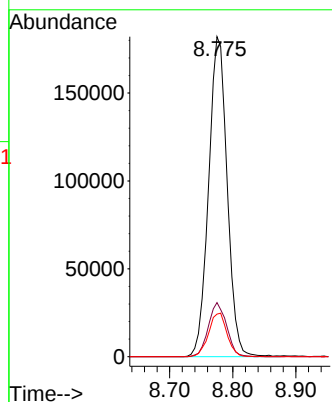
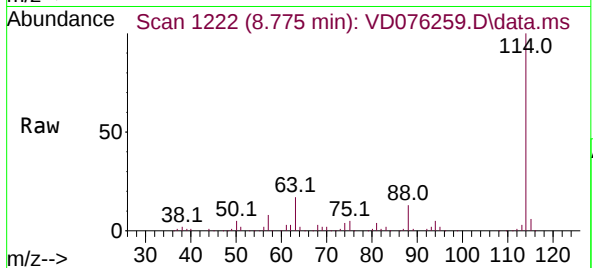
Tgt Ion:114 Resp: 371936

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

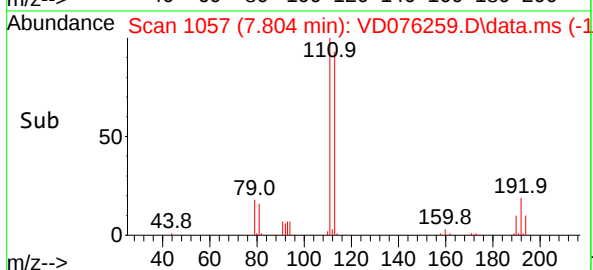
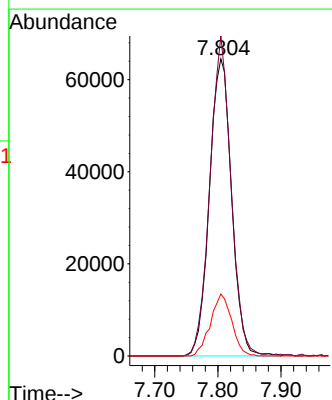
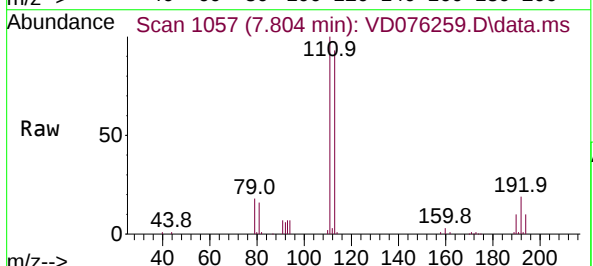
Tgt Ion:113 Resp: 157294

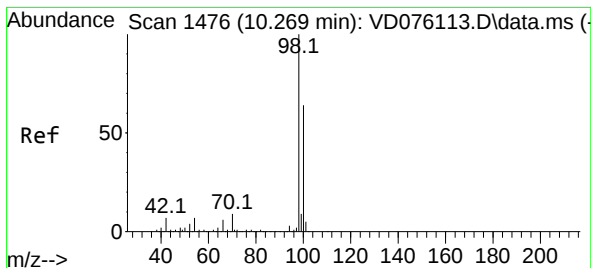
Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 20.0 15.2 22.8





#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

Instrument :

MSVOA_D

ClientSampleId :

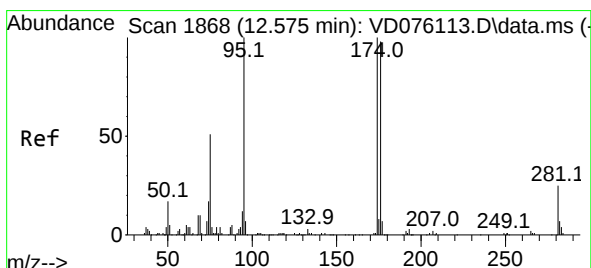
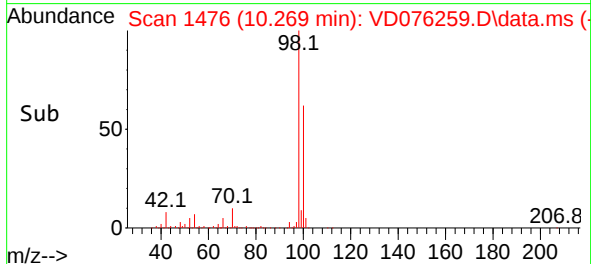
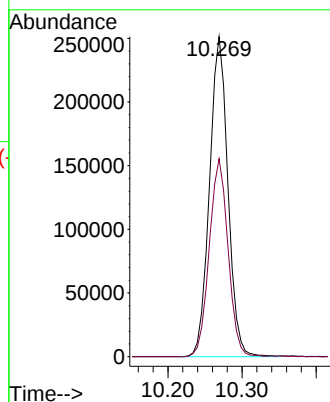
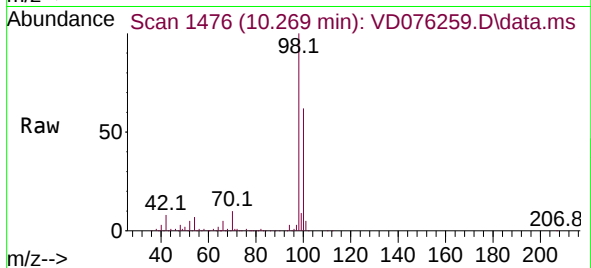
BP-VPB-RW11-GW-418-420RE

Tgt Ion: 98 Resp: 433373

Ion Ratio Lower Upper

98 100

100 63.1 52.1 78.1



#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

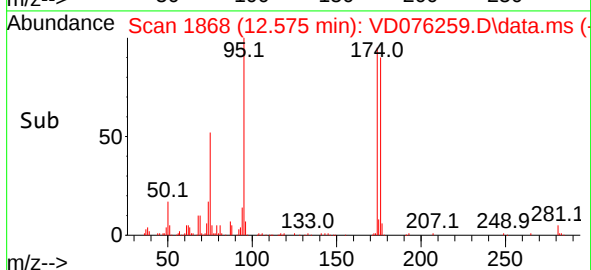
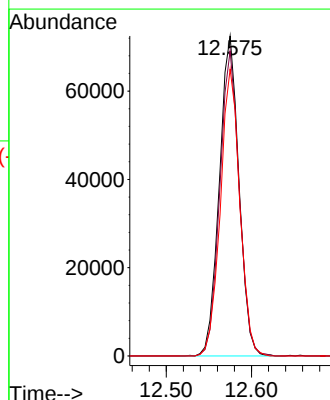
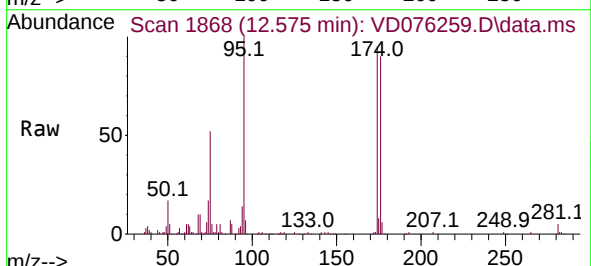
Tgt Ion: 95 Resp: 115769

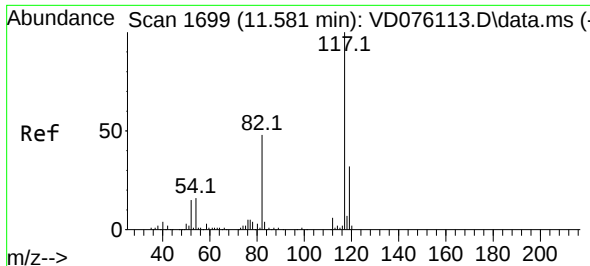
Ion Ratio Lower Upper

95 100

174 94.2 0.0 164.0

176 88.8 0.0 156.8

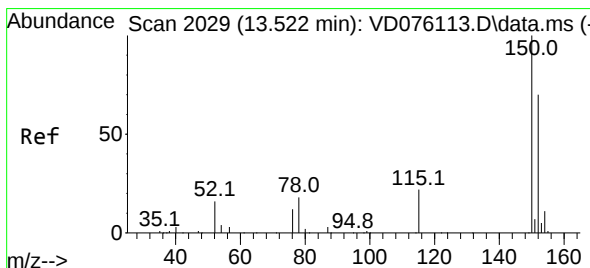
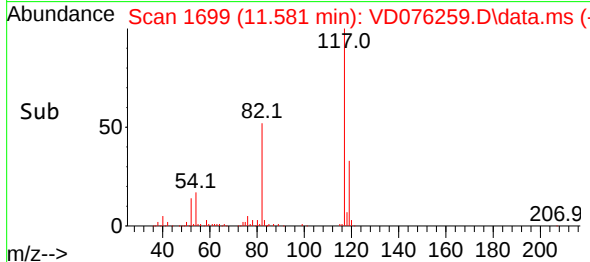
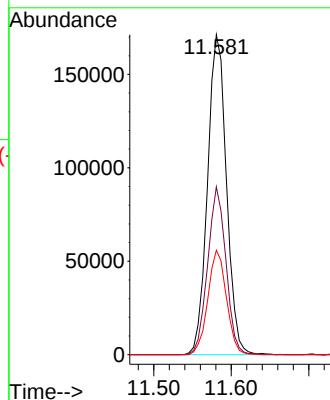
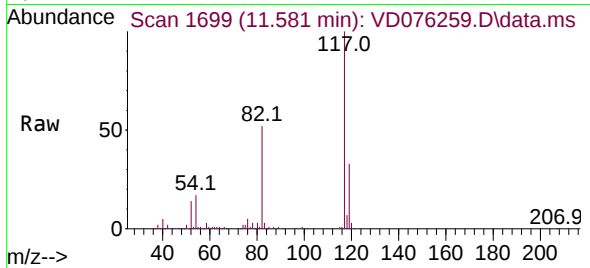




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076259.D
Acq: 26 May 2023 15:10

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

