

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070621\
 Data File : VD069584.D
 Acq On : 06 Jul 2021 16:15
 Operator : VA/SY
 Sample : M2926-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Jul 07 04:53:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

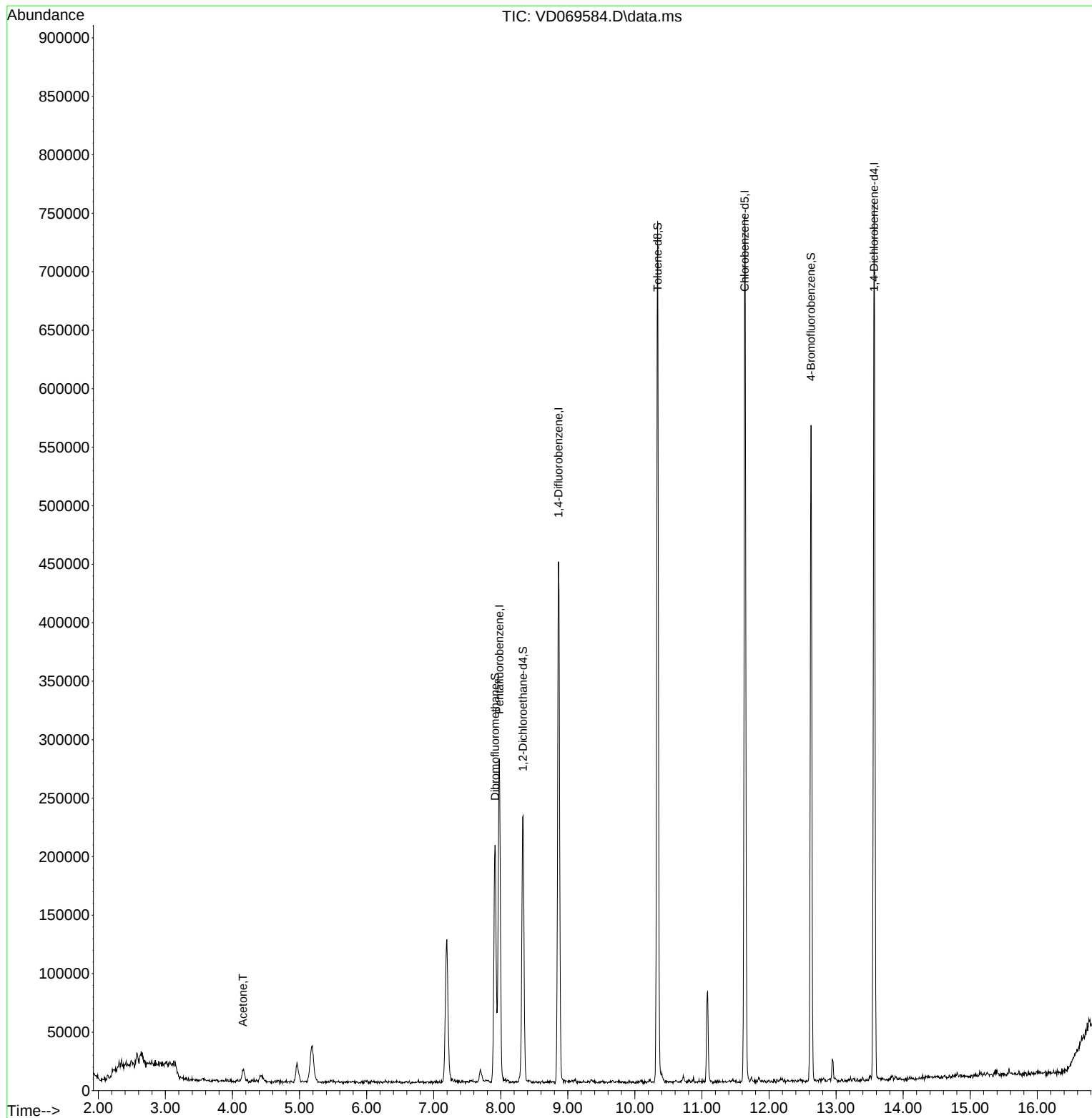
Internal Standards						
1) Pentafluorobenzene	7.979	168	189942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	377082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	427811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	197110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	184313	77.848	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	155.700%
35) Dibromofluoromethane	7.914	113	152265	59.735	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.480%
50) Toluene-d8	10.338	98	494873	51.759	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.520%
62) 4-Bromofluorobenzene	12.626	95	192166	61.136	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.280%
Target Compounds						
16) Acetone	4.156	43	17813	44.700	ug/l	Qvalue # 87

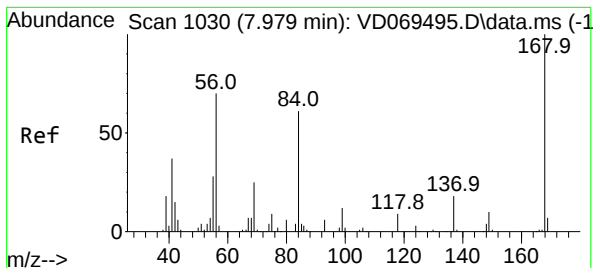
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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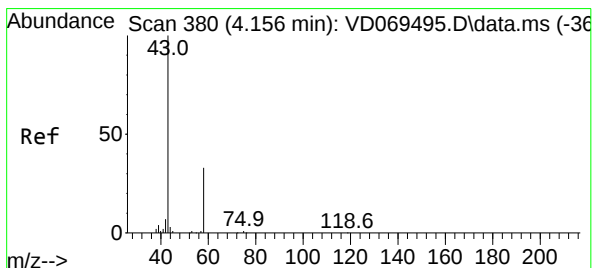
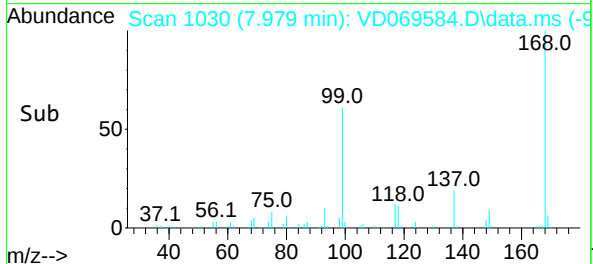
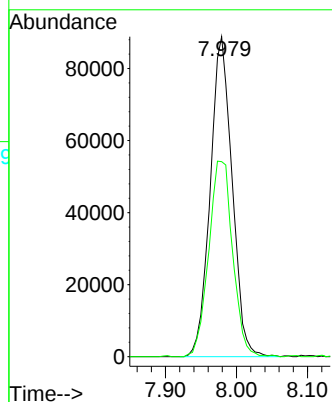
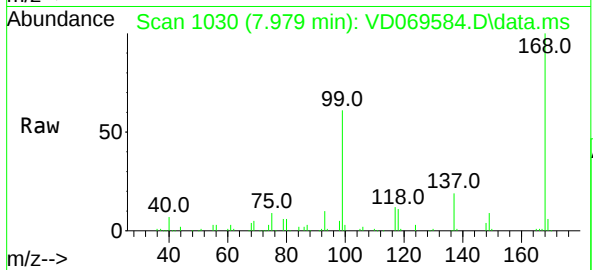




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069584.D
Acq: 06 Jul 2021 16:15

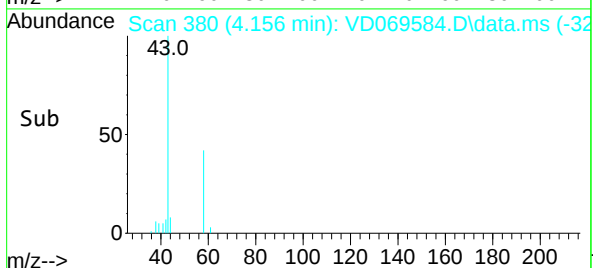
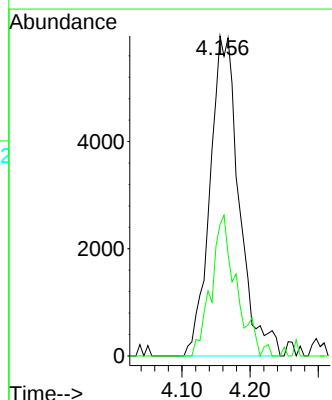
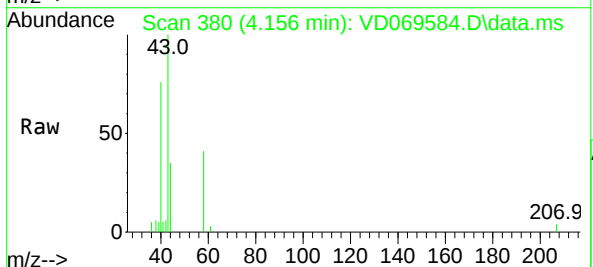
Instrument :
MSVOA_D
ClientSampled :
TP-1

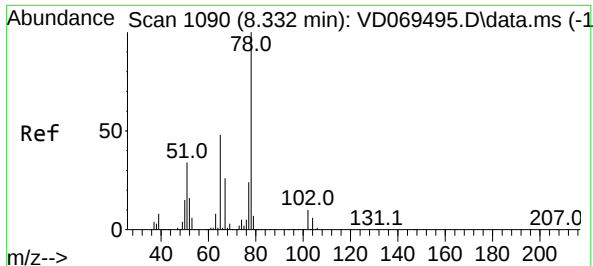
Tgt Ion:168 Resp: 189942
Ion Ratio Lower Upper
168 100
99 61.0 49.3 73.9



#16
Acetone
Concen: 44.700 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069584.D
Acq: 06 Jul 2021 16:15

Tgt Ion: 43 Resp: 17813
Ion Ratio Lower Upper
43 100
58 41.0 26.8 40.2#

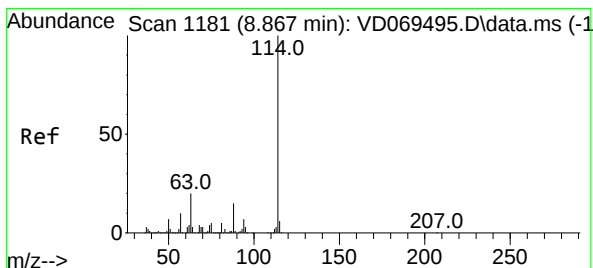
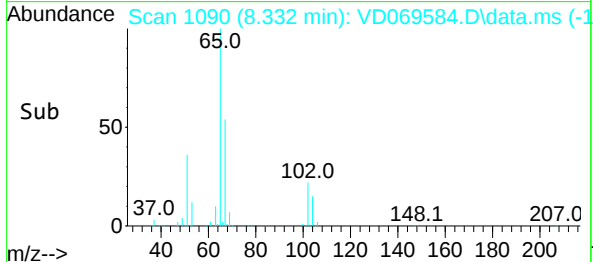
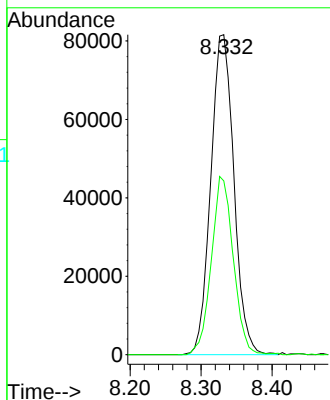
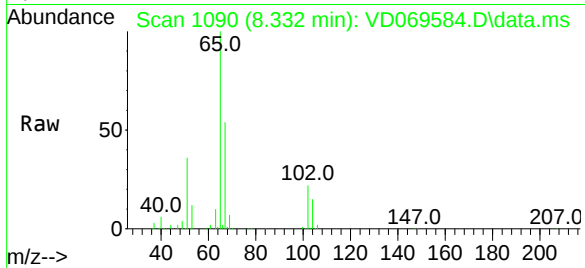




#33
 1,2-Dichloroethane-d4
 Concen: 77.848 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: VD069584.D
 Acq: 06 Jul 2021 16:15

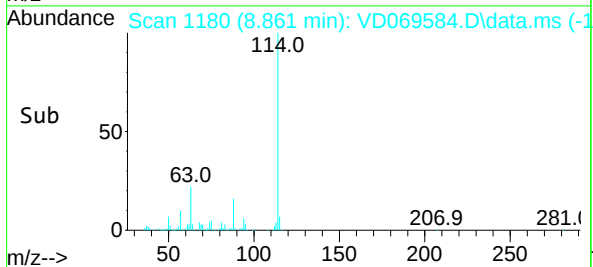
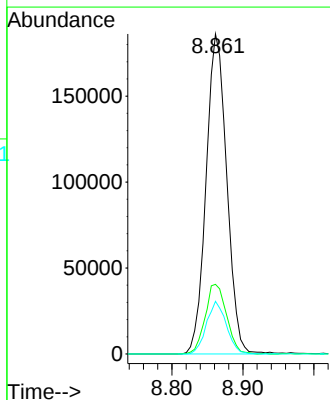
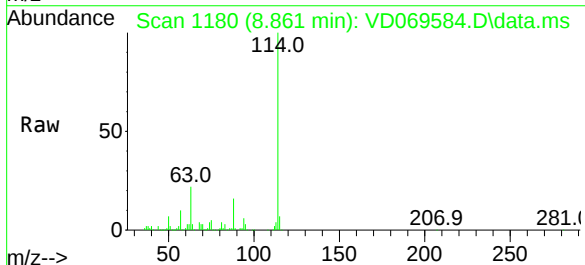
Instrument :
 MSVOA_D
 ClientSampled :
 TP-1

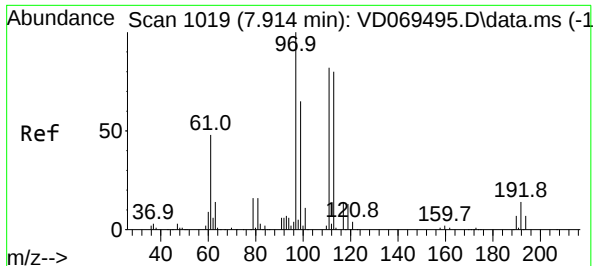
Tgt Ion: 65 Resp: 184313
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.861 min Scan# 1180
 Delta R.T. -0.006 min
 Lab File: VD069584.D
 Acq: 06 Jul 2021 16:15

Tgt Ion: 114 Resp: 377082
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 39.6
 88 16.5 0.0 29.8





#35

Dibromofluoromethane

Concen: 59.735 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069584.D

Acq: 06 Jul 2021 16:15

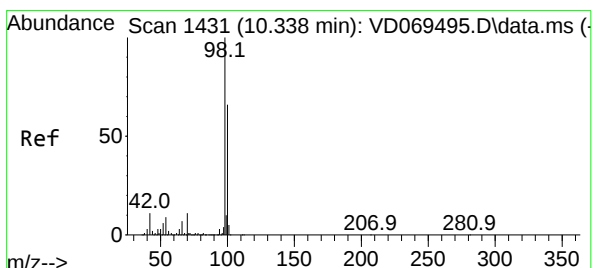
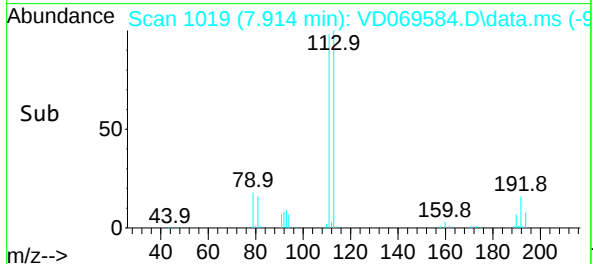
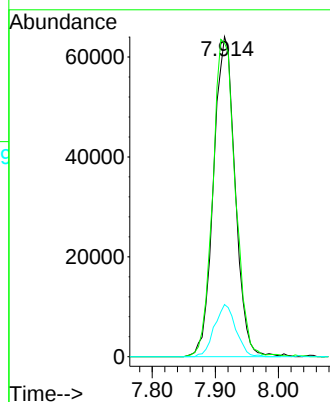
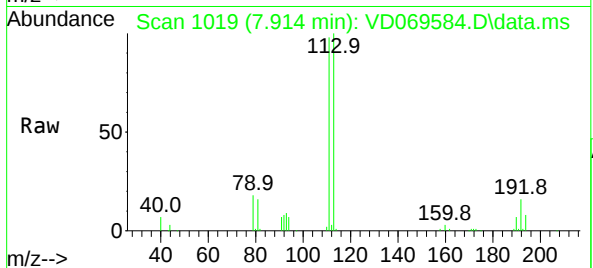
Tgt Ion:113 Resp: 152265

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.8

192 16.2 13.8 20.6



#50

Toluene-d8

Concen: 51.759 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD069584.D

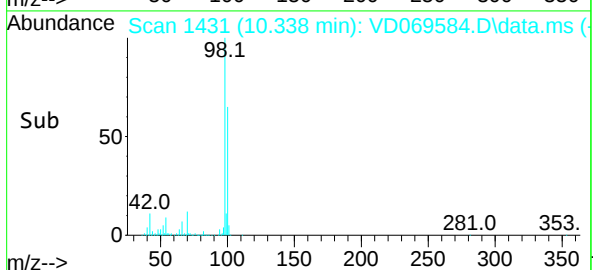
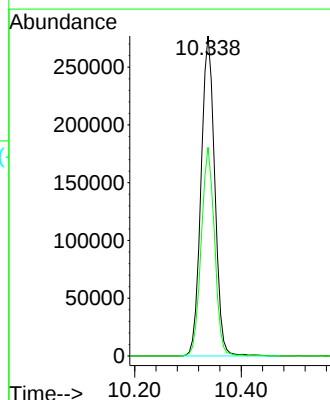
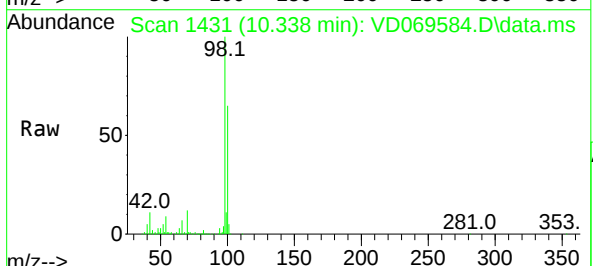
Acq: 06 Jul 2021 16:15

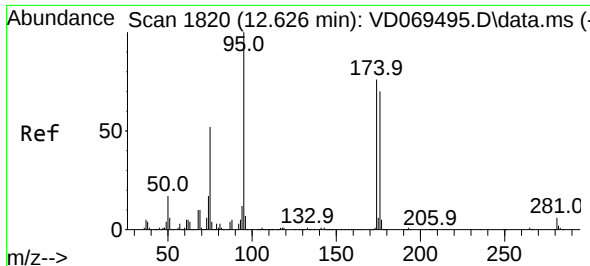
Tgt Ion: 98 Resp: 494873

Ion Ratio Lower Upper

98 100

100 63.2 52.3 78.5

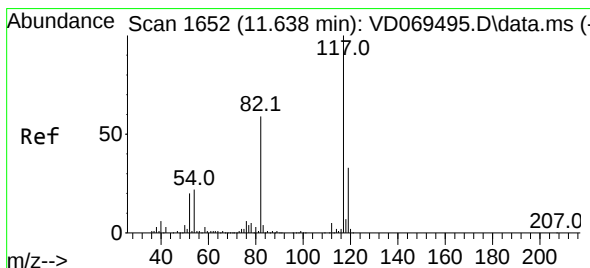
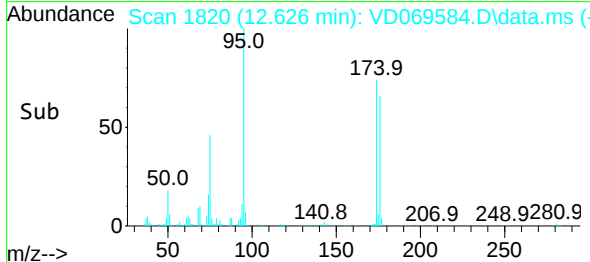
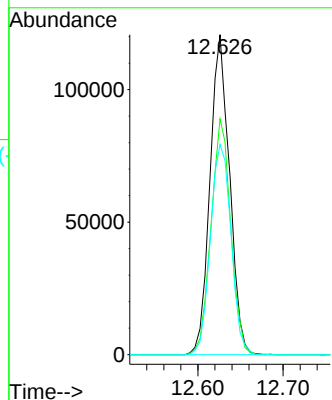
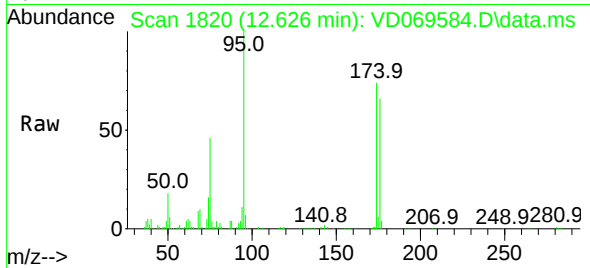




#62
4-Bromofluorobenzene
Concen: 61.136 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069584.D
Acq: 06 Jul 2021 16:15

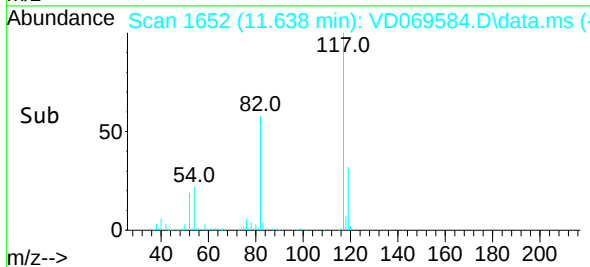
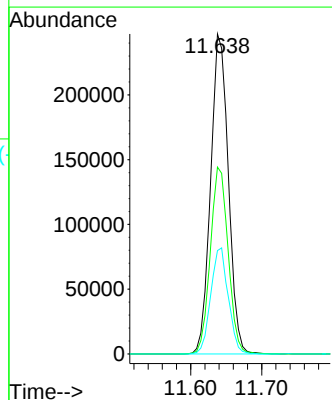
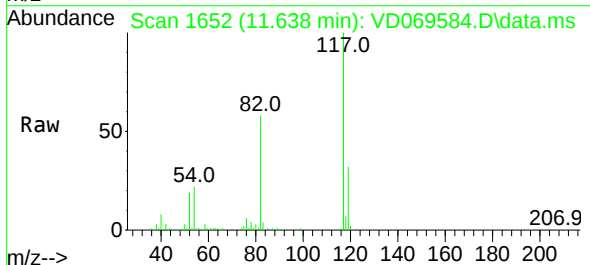
Instrument :
MSVOA_D
ClientSampled :
TP-1

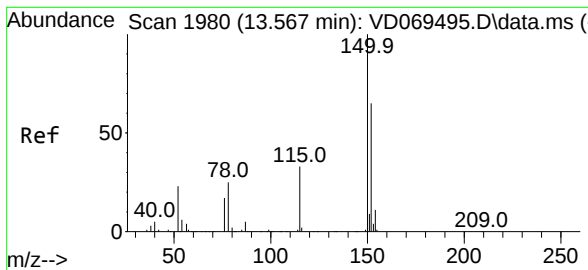
Tgt Ion: 95 Resp: 192166
Ion Ratio Lower Upper
95 100
174 74.4 0.0 148.0
176 69.3 0.0 139.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069584.D
Acq: 06 Jul 2021 16:15

Tgt Ion: 117 Resp: 427811
Ion Ratio Lower Upper
117 100
82 58.4 46.8 70.2
119 32.3 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069584.D
 Acq: 06 Jul 2021 16:15

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Tgt Ion:152 Resp: 197110
 Ion Ratio Lower Upper
 152 100
 115 62.1 31.7 95.1
 150 155.4 0.0 350.8

