

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070621\
 Data File : VD069593.D
 Acq On : 06 Jul 2021 20:30
 Operator : VA/SY
 Sample : M2926-04
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Jul 07 04:55:56 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)

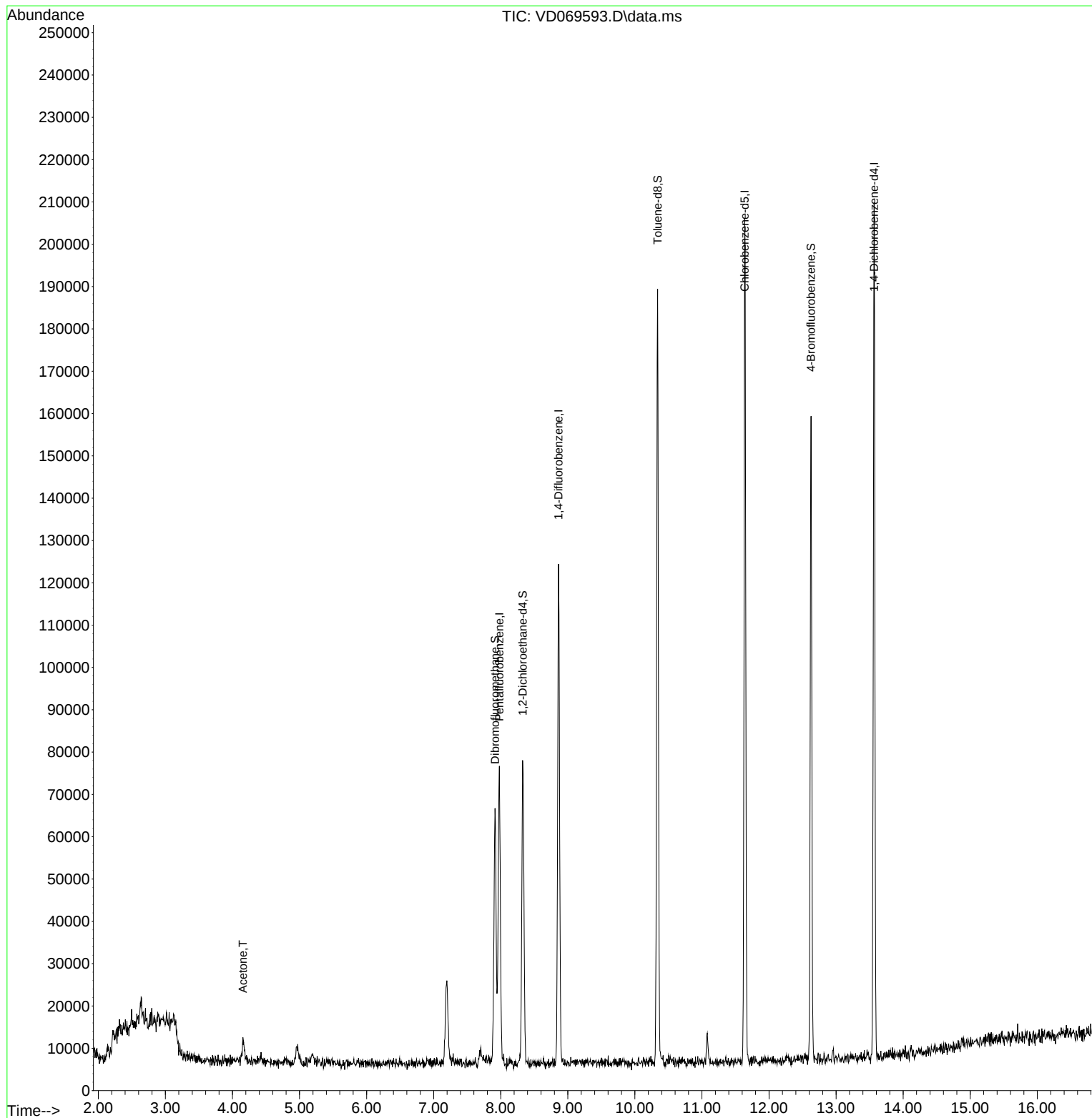
Internal Standards						
1) Pentafluorobenzene	7.979	168	48203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	93966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	115304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	52150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	57448	95.612	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 191.220%#	
35) Dibromofluoromethane	7.914	113	43529	68.529	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 137.060%	
50) Toluene-d8	10.338	98	128054	53.746	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.500%	
62) 4-Bromofluorobenzene	12.626	95	49898	63.704	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 127.400%	
Target Compounds						
16) Acetone	4.156	43	9643	95.351	ug/l	Qvalue 90

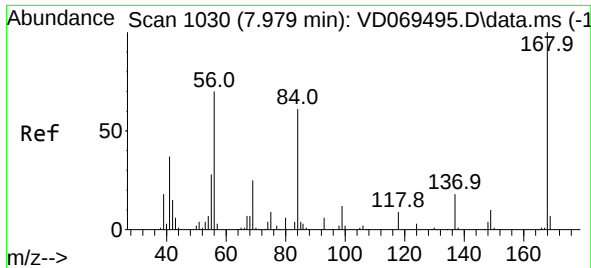
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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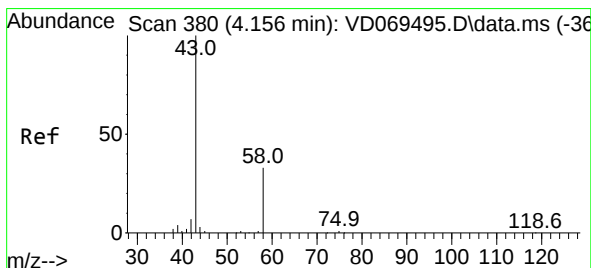
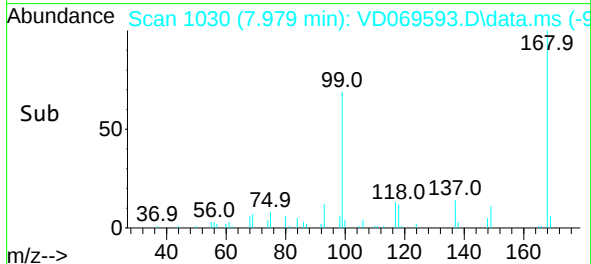
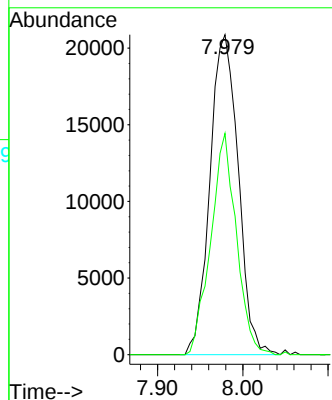
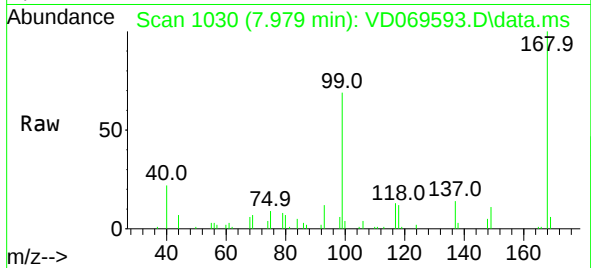




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069593.D
Acq: 06 Jul 2021 20:30

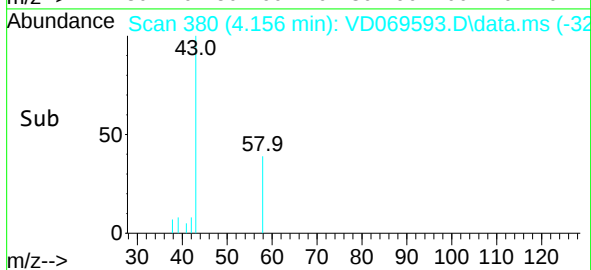
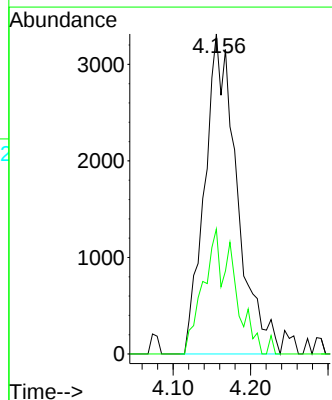
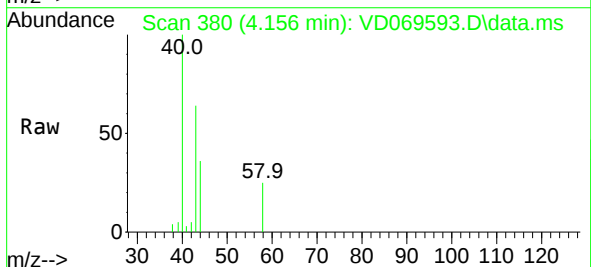
Instrument :
MSVOA_D
ClientSampleId :
TP-2

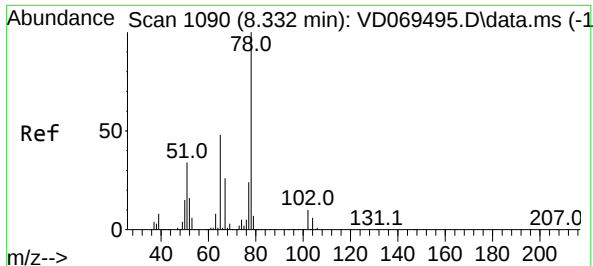
Tgt Ion:168 Resp: 48203
Ion Ratio Lower Upper
168 100
99 69.2 49.3 73.9



#16
Acetone
Concen: 95.351 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069593.D
Acq: 06 Jul 2021 20:30

Tgt Ion: 43 Resp: 9643
Ion Ratio Lower Upper
43 100
58 39.1 26.8 40.2

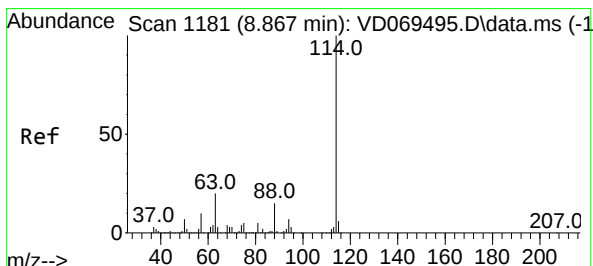
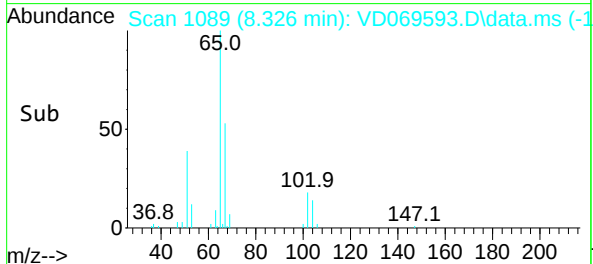
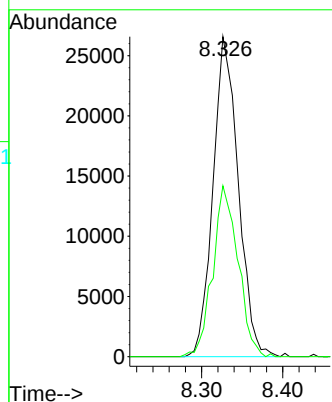
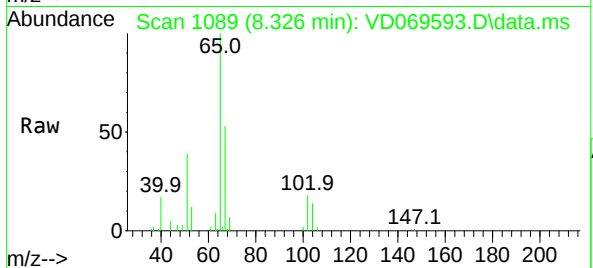




#33
1,2-Dichloroethane-d4
Concen: 95.612 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069593.D
Acq: 06 Jul 2021 20:30

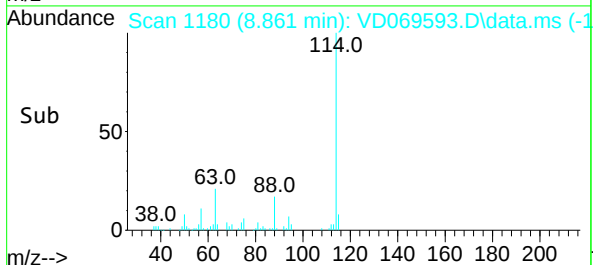
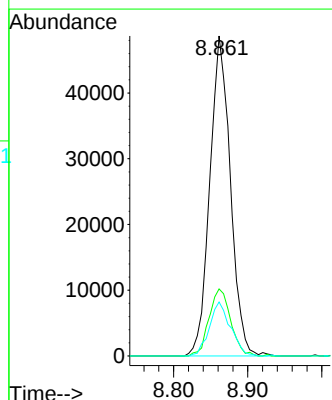
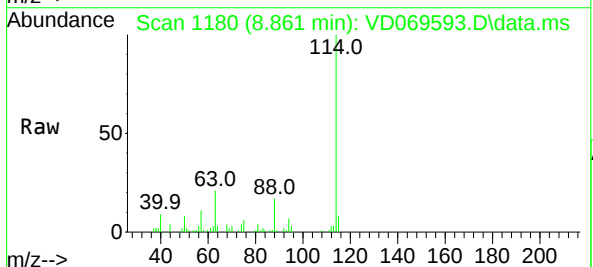
Instrument :
MSVOA_D
ClientSampled :
TP-2

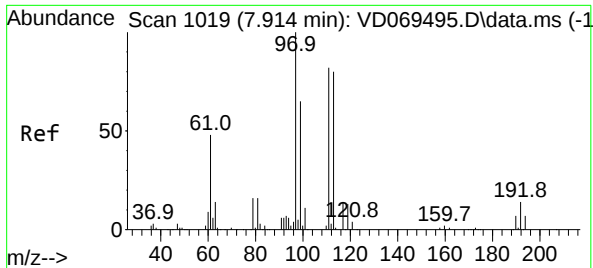
Tgt Ion: 65 Resp: 57448
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069593.D
Acq: 06 Jul 2021 20:30

Tgt Ion: 114 Resp: 93966
Ion Ratio Lower Upper
114 100
63 21.0 0.0 39.6
88 16.8 0.0 29.8

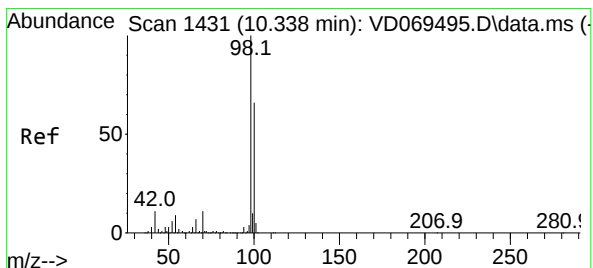
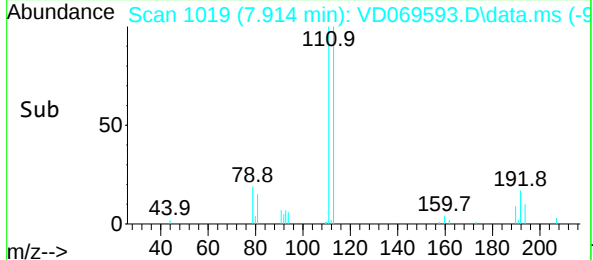
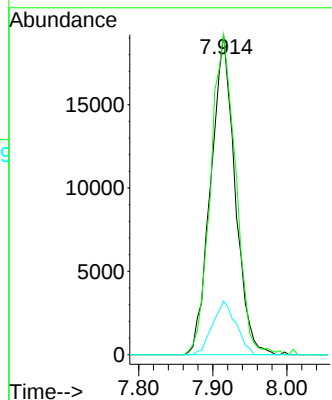
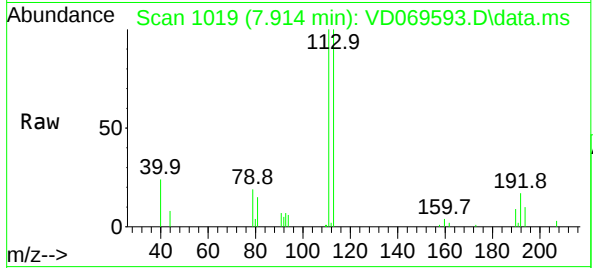




#35
Dibromofluoromethane
Concen: 68.529 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069593.D
Acq: 06 Jul 2021 20:30

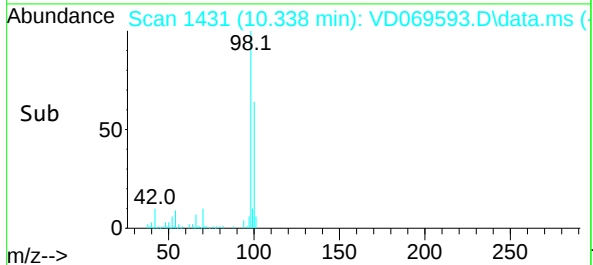
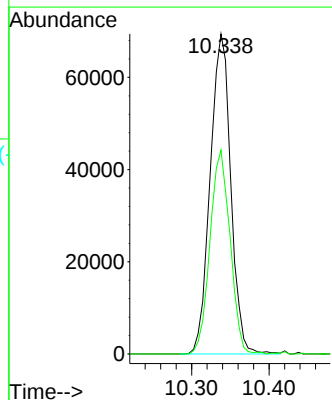
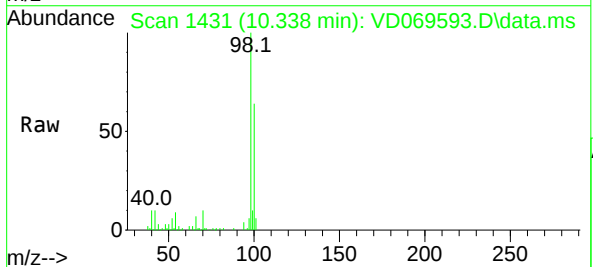
Instrument :
MSVOA_D
ClientSampleId :
TP-2

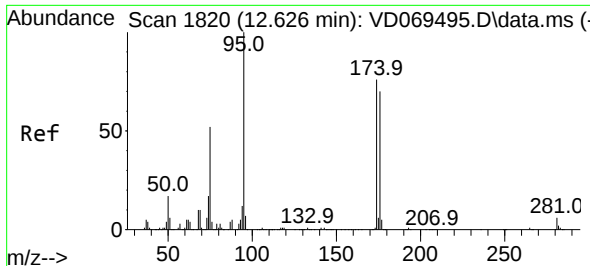
Tgt Ion:	113	Resp:	43529
Ion Ratio	Lower	Upper	
113	100		
111	104.2	81.8	122.8
192	16.2	13.8	20.6



#50
Toluene-d8
Concen: 53.746 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069593.D
Acq: 06 Jul 2021 20:30

Tgt Ion:	98	Resp:	128054
Ion Ratio	Lower	Upper	
98	100		
100	62.0	52.3	78.5

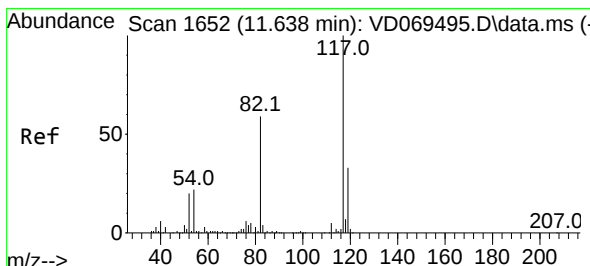
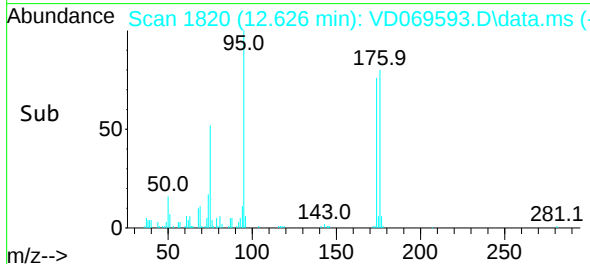
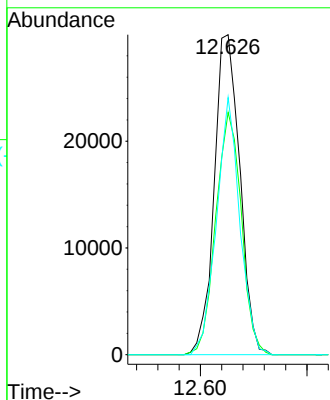
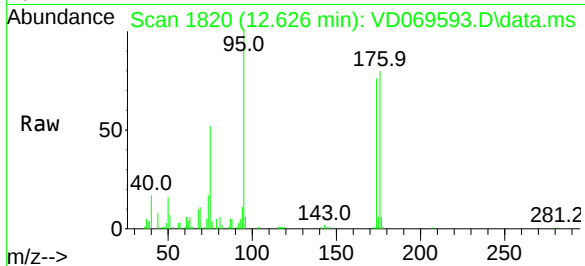




#62
4-Bromofluorobenzene
Concen: 63.704 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069593.D
Acq: 06 Jul 2021 20:30

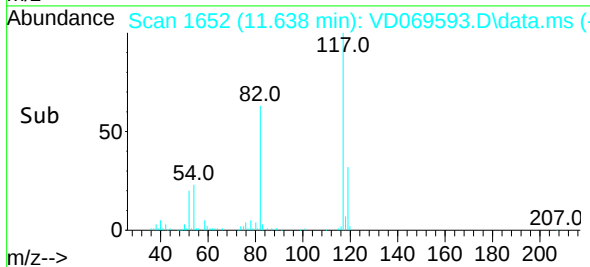
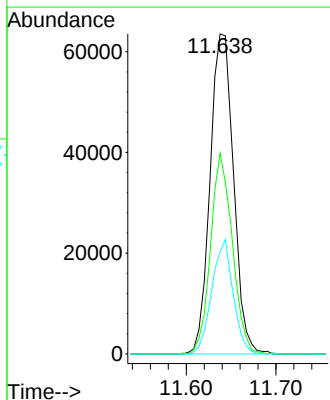
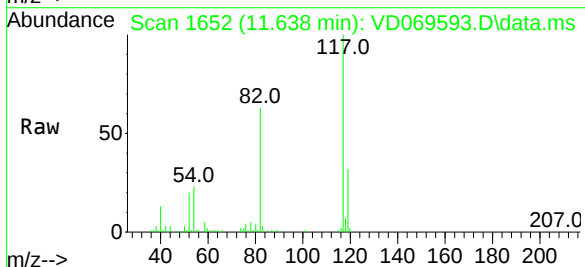
Instrument :
MSVOA_D
ClientSampled :
TP-2

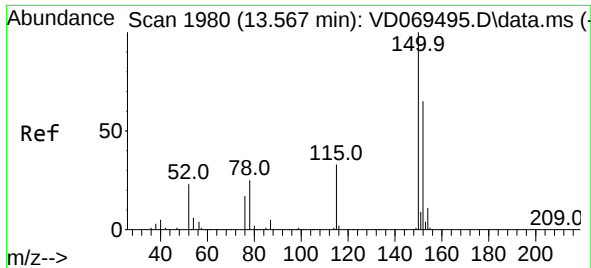
Tgt Ion:	95	Resp:	49898
Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	148.0
176	73.4	0.0	139.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069593.D
Acq: 06 Jul 2021 20:30

Tgt Ion:	117	Resp:	115304
Ion	Ratio	Lower	Upper
117	100		
82	62.6	46.8	70.2
119	31.9	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: VD069593.D
 Acq: 06 Jul 2021 20:30

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Tgt Ion:152 Resp: 52150
 Ion Ratio Lower Upper
 152 100
 115 63.0 31.7 95.1
 150 161.0 0.0 350.8

