

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070621\
 Data File : VD069586.D
 Acq On : 06 Jul 2021 17:12
 Operator : VA/SY
 Sample : M2926-07RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3RE

Quant Time: Jul 07 04:54:10 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)

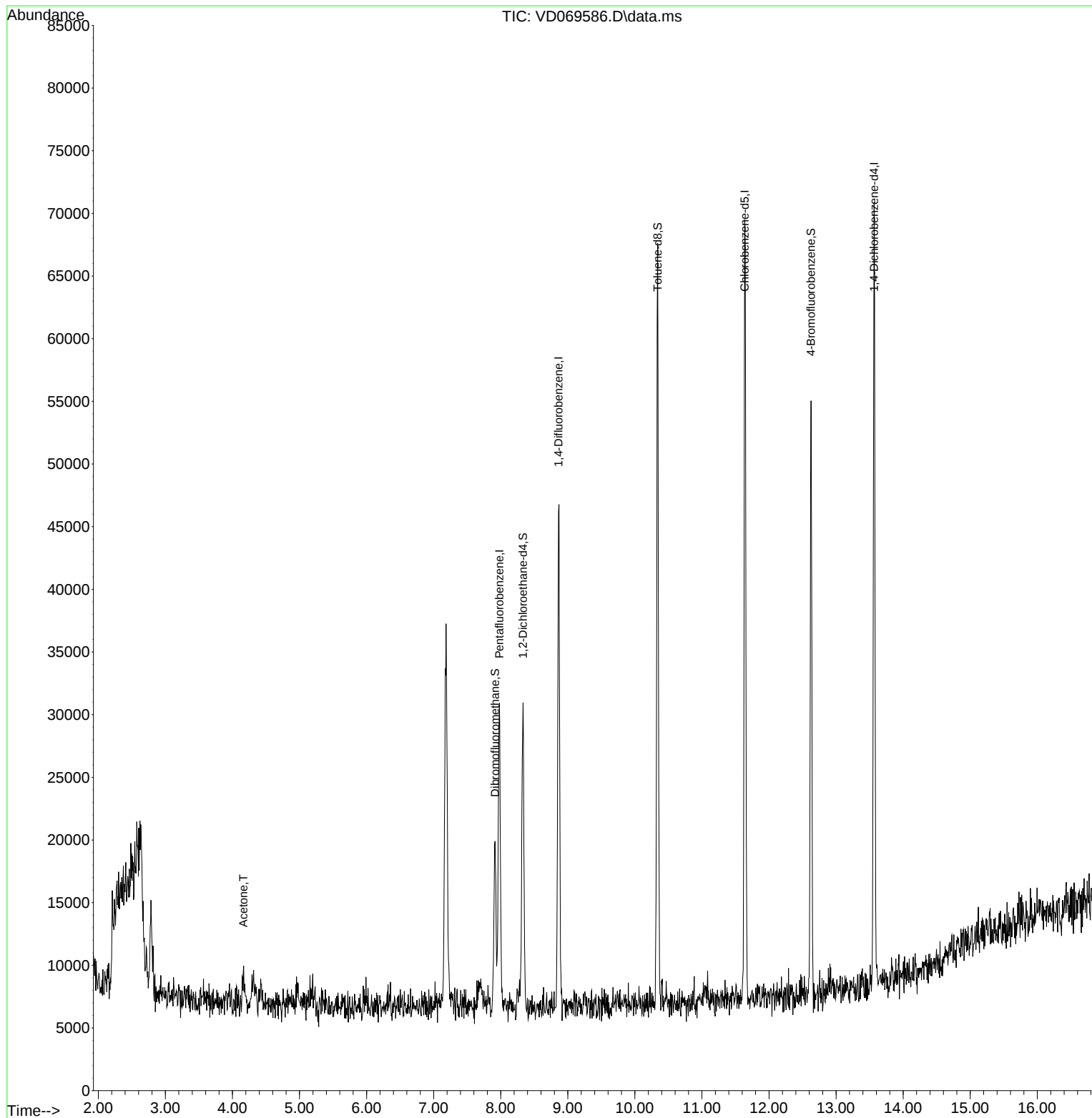
Internal Standards						
1) Pentafluorobenzene	7.979	168	16900	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	32236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	38039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	16449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	18869	89.573	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 179.140%#	
35) Dibromofluoromethane	7.914	113	9563	43.885	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 87.780%	
50) Toluene-d8	10.338	98	40599	49.671	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.340%	
62) 4-Bromofluorobenzene	12.626	95	15738	58.568	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.140%	
Target Compounds						
16) Acetone	4.162	43	3989	112.503	ug/l	# 72

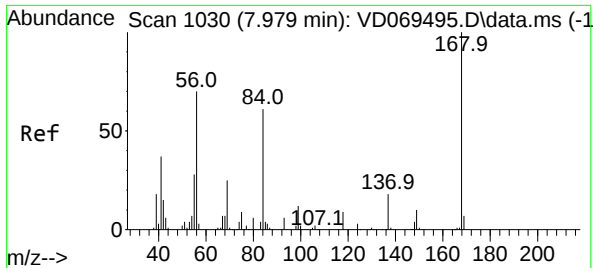
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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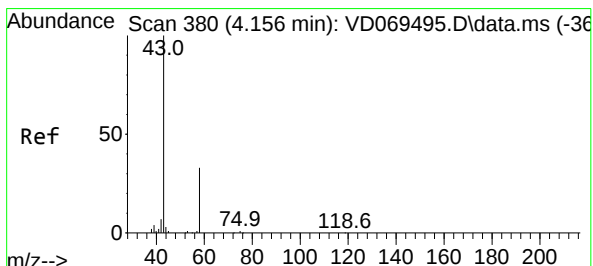
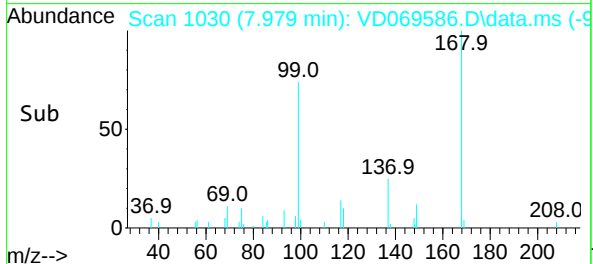
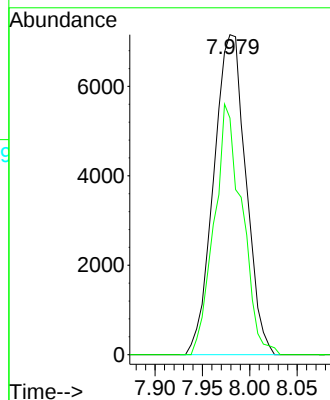
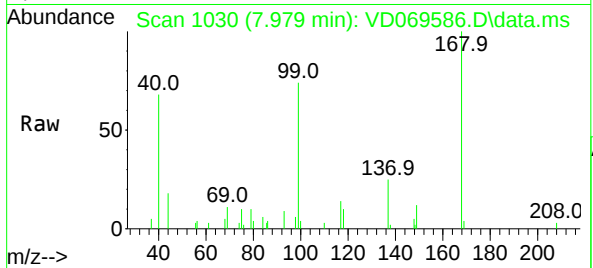




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069586.D
Acq: 06 Jul 2021 17:12

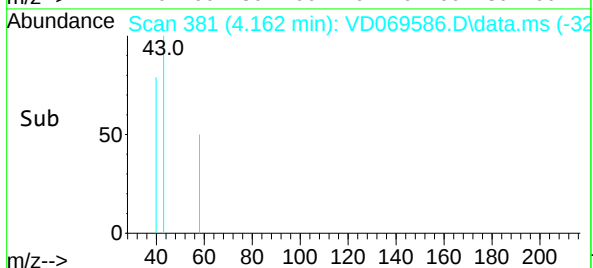
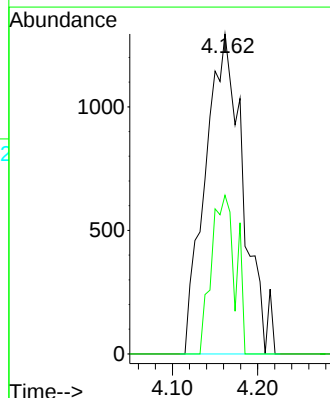
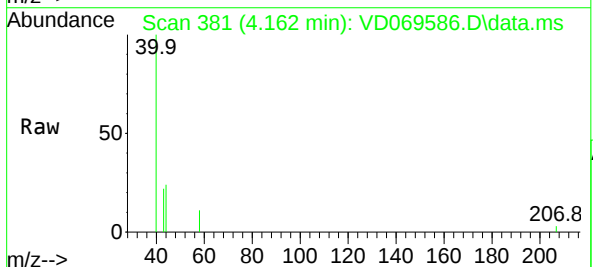
Instrument :
MSVOA_D
ClientSampled :
TP-3RE

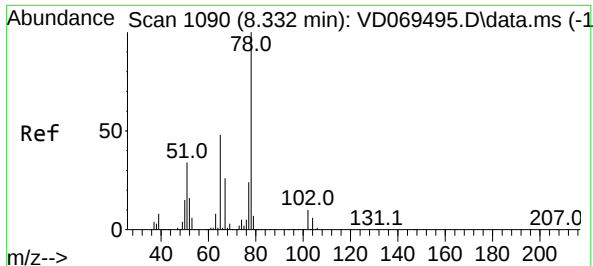
Tgt Ion:168 Resp: 16900
Ion Ratio Lower Upper
168 100
99 74.0 49.3 73.9#



#16
Acetone
Concen: 112.503 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD069586.D
Acq: 06 Jul 2021 17:12

Tgt Ion: 43 Resp: 3989
Ion Ratio Lower Upper
43 100
58 49.6 26.8 40.2#

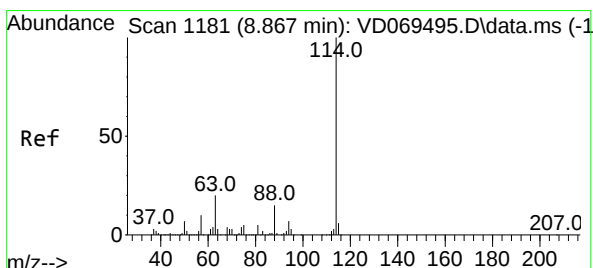
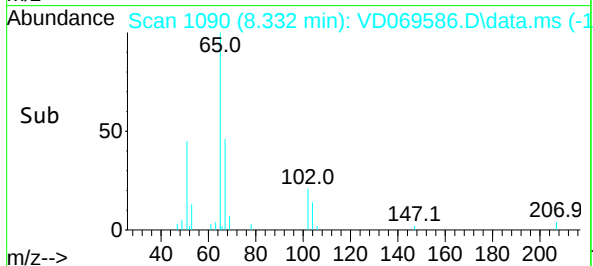
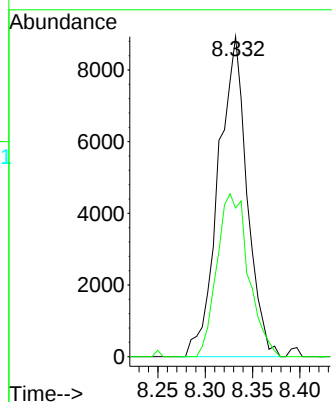
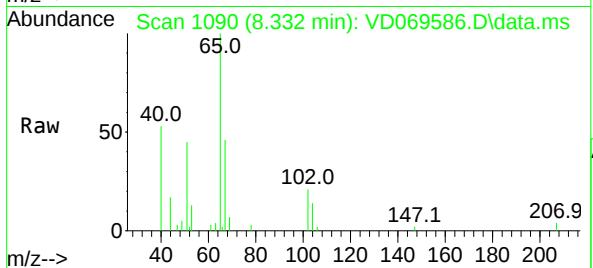




#33
1,2-Dichloroethane-d4
Concen: 89.573 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069586.D
Acq: 06 Jul 2021 17:12

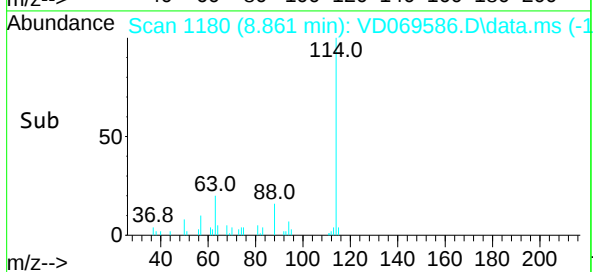
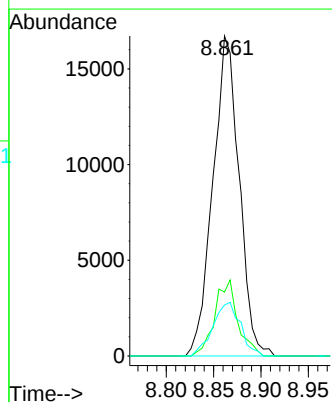
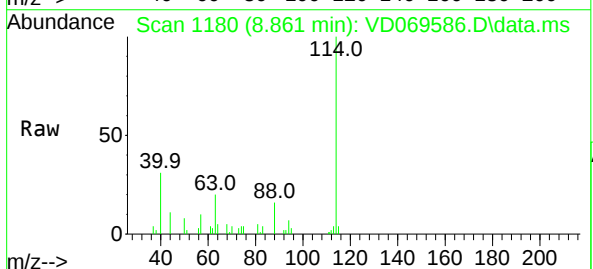
Instrument :
MSVOA_D
ClientSampled :
TP-3RE

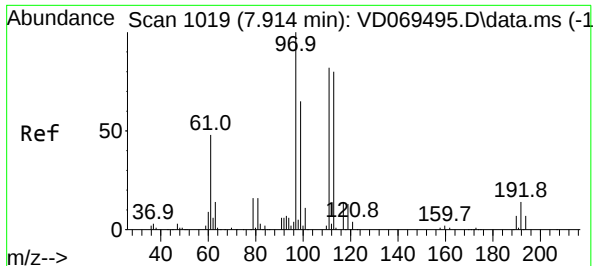
Tgt Ion: 65 Resp: 18869
Ion Ratio Lower Upper
65 100
67 55.9 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069586.D
Acq: 06 Jul 2021 17:12

Tgt Ion: 114 Resp: 32236
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.6
88 15.9 0.0 29.8





#35

Dibromofluoromethane

Concen: 43.885 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069586.D

Acq: 06 Jul 2021 17:12

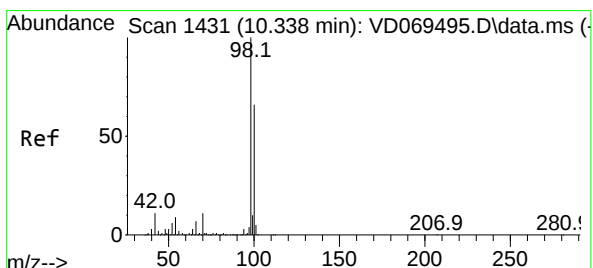
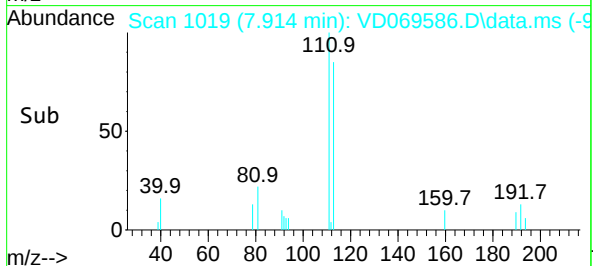
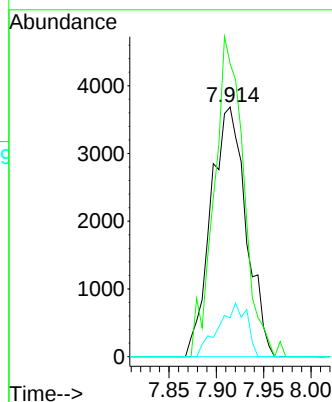
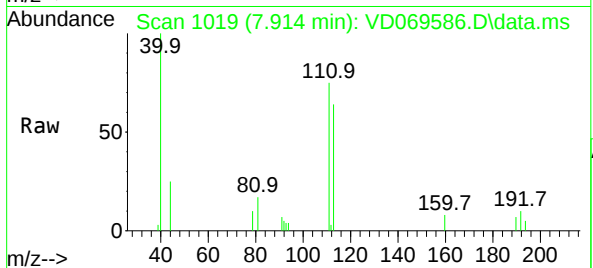
Tgt Ion:113 Resp: 9563

Ion Ratio Lower Upper

113 100

111 107.1 81.8 122.8

192 17.3 13.8 20.6



#50

Toluene-d8

Concen: 49.671 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VD069586.D

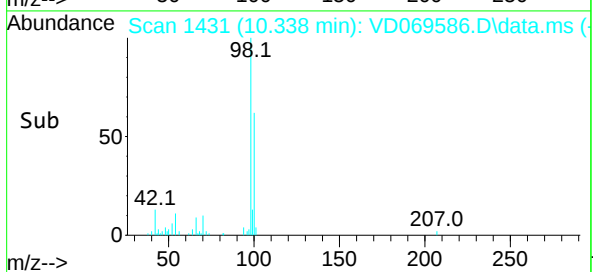
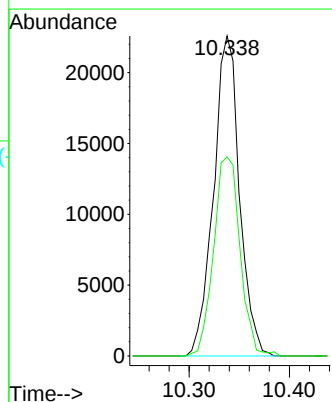
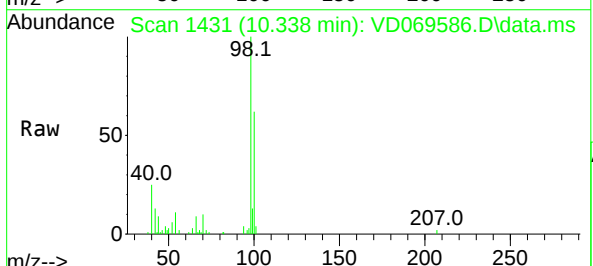
Acq: 06 Jul 2021 17:12

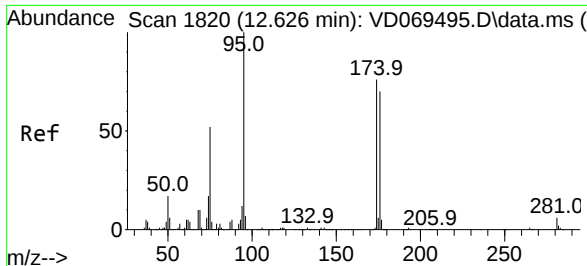
Tgt Ion: 98 Resp: 40599

Ion Ratio Lower Upper

98 100

100 63.2 52.3 78.5

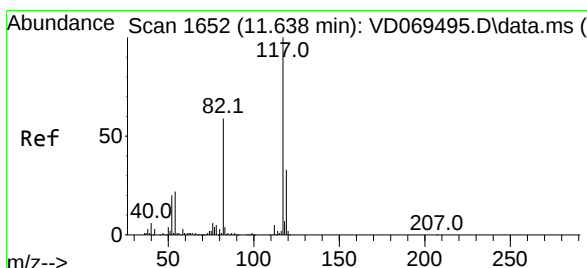
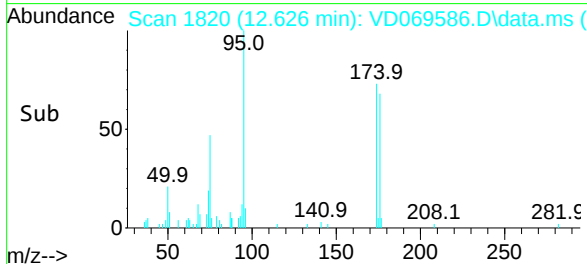
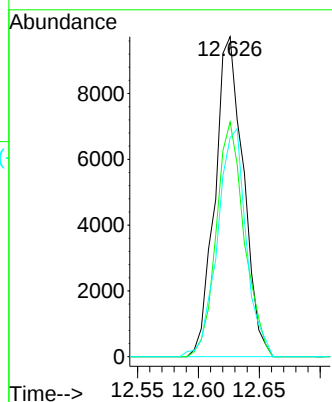
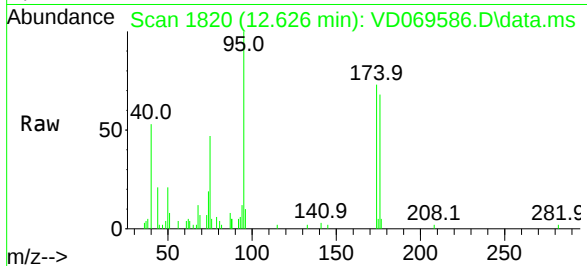




#62
4-Bromofluorobenzene
Concen: 58.568 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069586.D
Acq: 06 Jul 2021 17:12

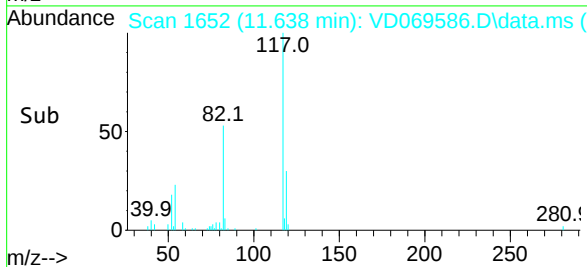
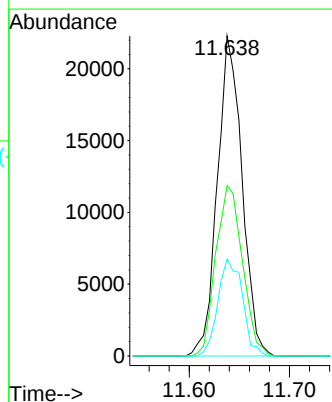
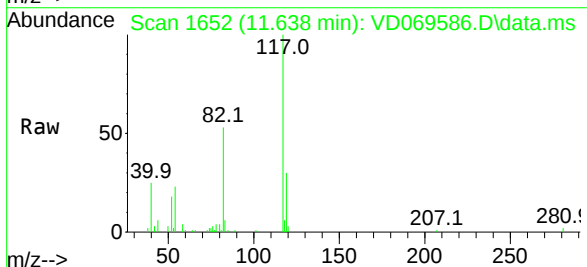
Instrument :
MSVOA_D
ClientSampleId :
TP-3RE

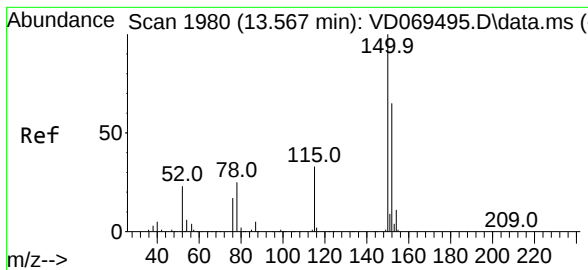
Tgt Ion: 95 Resp: 15738
Ion Ratio Lower Upper
95 100
174 72.5 0.0 148.0
176 71.9 0.0 139.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD069586.D
Acq: 06 Jul 2021 17:12

Tgt Ion: 117 Resp: 38039
Ion Ratio Lower Upper
117 100
82 53.2 46.8 70.2
119 30.3 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: VD069586.D
 Acq: 06 Jul 2021 17:12

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3RE

Tgt Ion:152 Resp: 16449
 Ion Ratio Lower Upper
 152 100
 115 61.4 31.7 95.1
 150 154.9 0.0 350.8

