

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061621\
 Data File : VD069461.D
 Acq On : 16 Jun 2021 12:32
 Operator : VA/SY
 Sample : M2709-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 0228-COMPOSITE-E

Quant Time: Jun 17 02:47:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

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

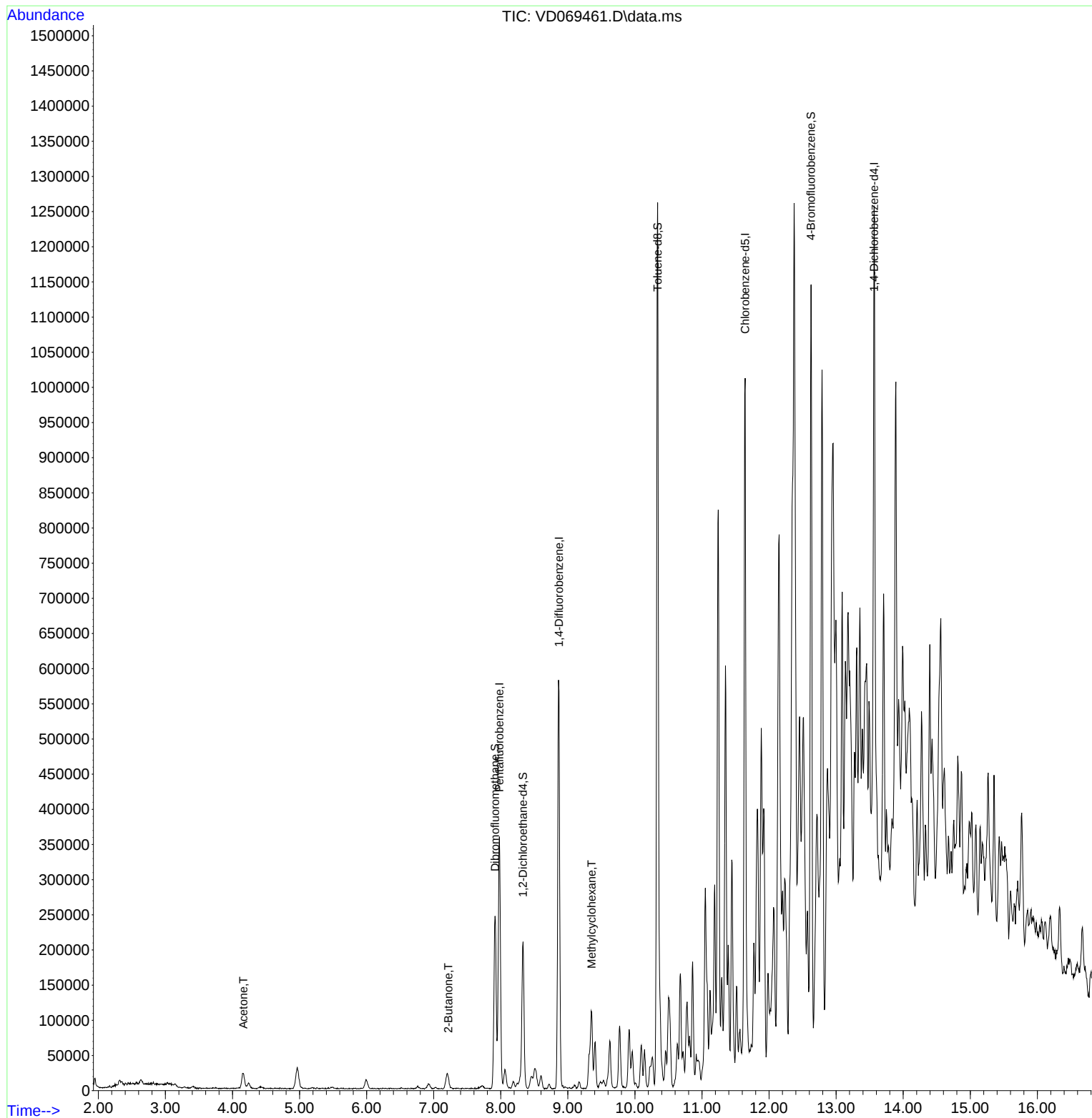
Internal Standards						
1) Pentafluorobenzene	7.979	168	259704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	521140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	586799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	271360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	167376	57.127	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 114.260%		
35) Dibromofluoromethane	7.914	113	180928	46.352	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 92.700%		
50) Toluene-d8	10.338	98	738659	51.740	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 103.480%		
62) 4-Bromofluorobenzene	12.626	95	282984	61.777	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 123.560%		
Target Compounds						
						Qvalue
16) Acetone	4.161	43	38914	80.241	ug/l	100
25) 2-Butanone	7.220	43	12644	20.909	ug/l	96
39) Methylcyclohexane	9.355	83	32736	5.997	ug/l #	85

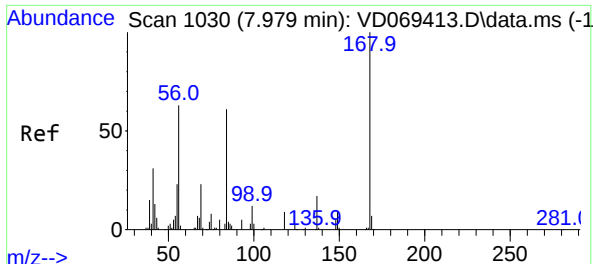
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061621\
Data File : VD069461.D
Acq On : 16 Jun 2021 12:32
Operator : VA/SY
Sample : M2709-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
0228-COMPOSITE-E

Quant Time: Jun 17 02:47:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 11 12:50:13 2021
Response via : Initial Calibration

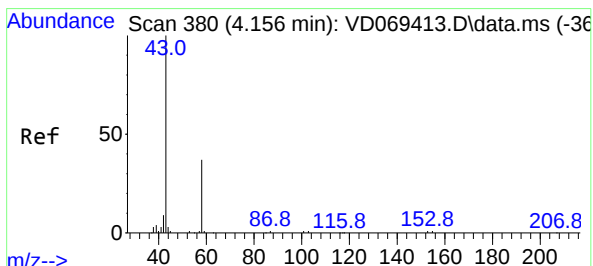
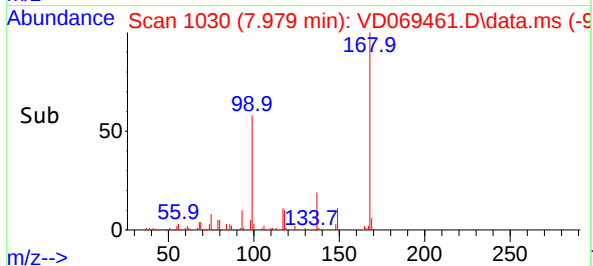
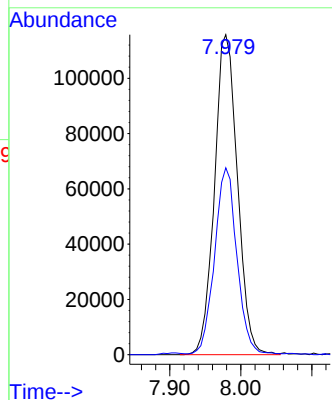
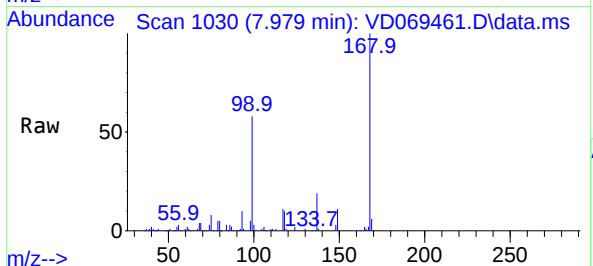




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069461.D
Acq: 16 Jun 2021 12:32

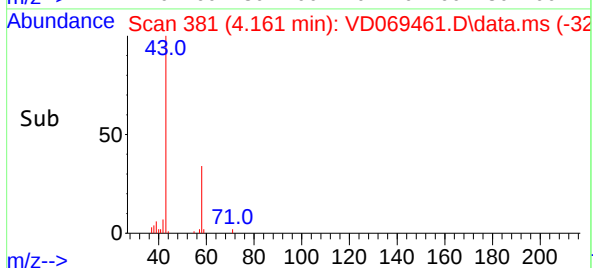
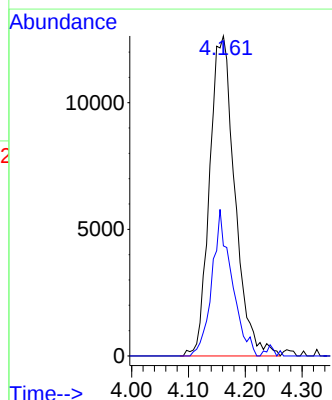
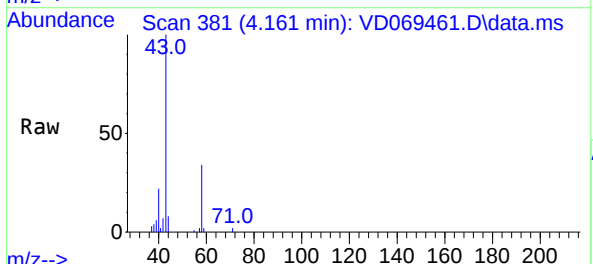
Instrument :
MSVOA_D
ClientSampleId :
0228-COMPOSITE-E

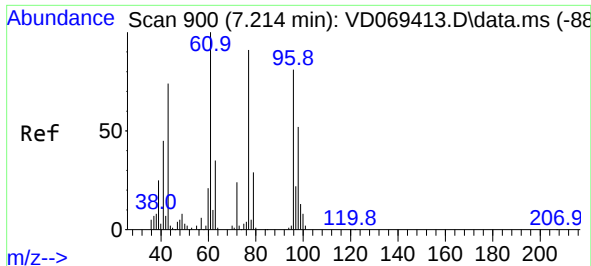
Tgt Ion:168 Resp: 259704
Ion Ratio Lower Upper
168 100
99 58.1 46.2 69.2



#16
Acetone
Concen: 80.241 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD069461.D
Acq: 16 Jun 2021 12:32

Tgt Ion: 43 Resp: 38914
Ion Ratio Lower Upper
43 100
58 34.4 27.5 41.3

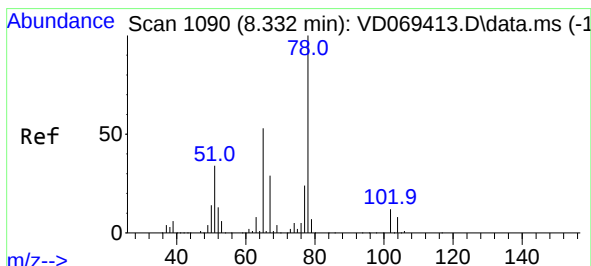
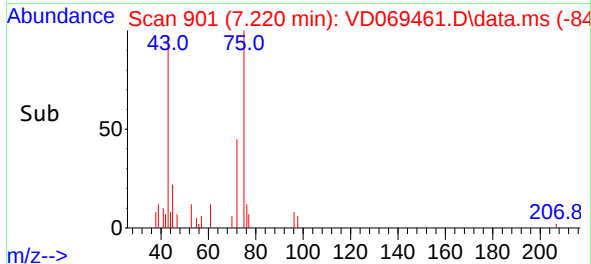
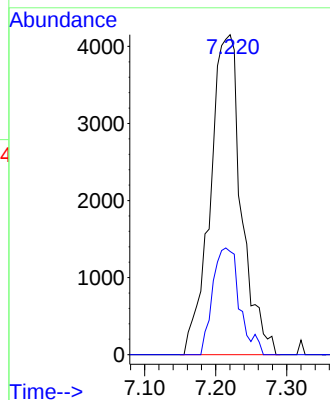
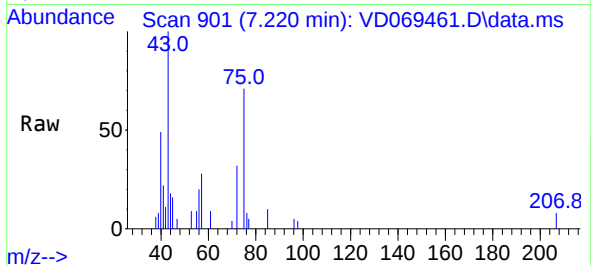




#25
2-Butanone
Concen: 20.909 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD069461.D
Acq: 16 Jun 2021 12:32

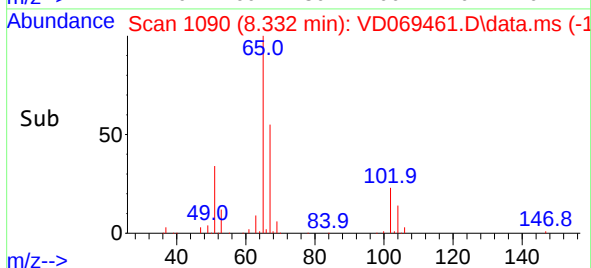
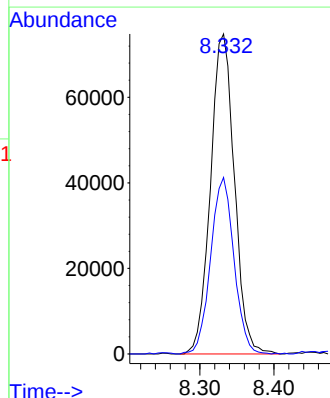
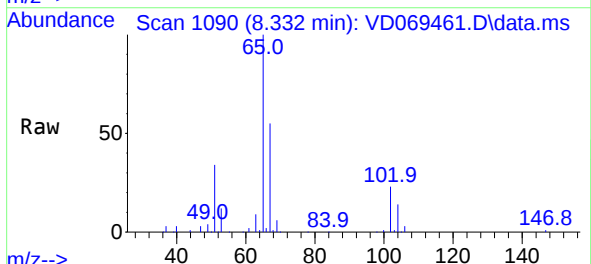
Instrument :
MSVOA_D
ClientSampleId :
0228-COMPOSITE-E

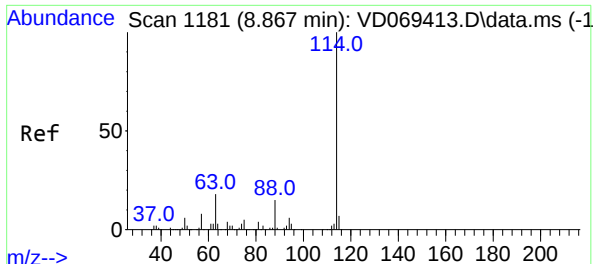
Tgt Ion: 43 Resp: 12644
Ion Ratio Lower Upper
43 100
72 32.2 23.9 35.9



#33
1,2-Dichloroethane-d4
Concen: 57.127 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069461.D
Acq: 16 Jun 2021 12:32

Tgt Ion: 65 Resp: 167376
Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.8



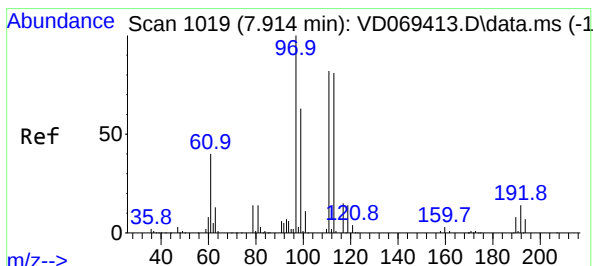
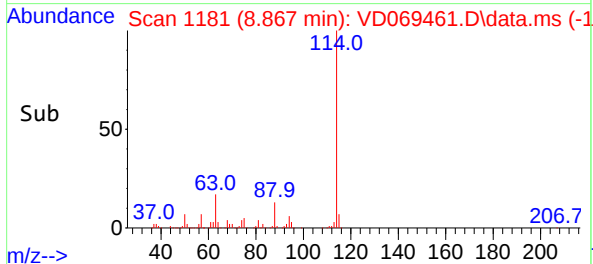
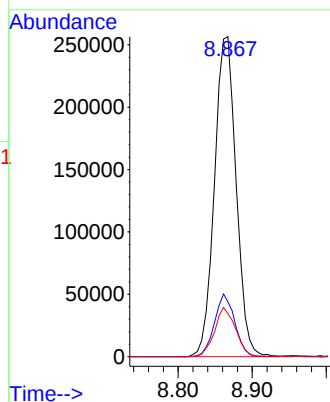
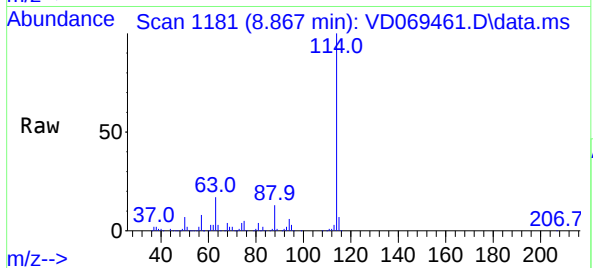


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069461.D
Acq: 16 Jun 2021 12:32

Instrument :
MSVOA_D
ClientSampleId :
0228-COMPOSITE-E

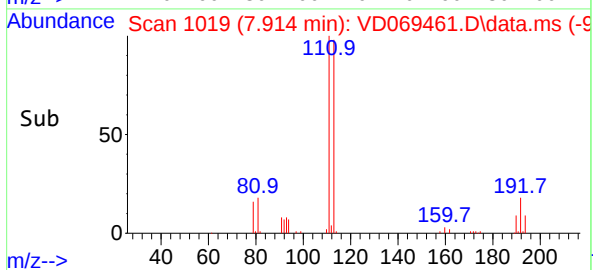
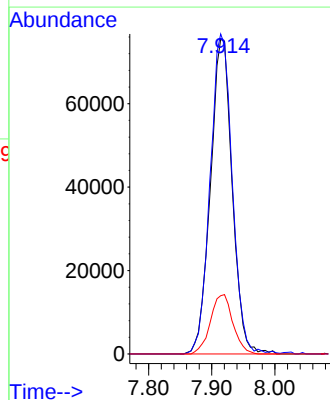
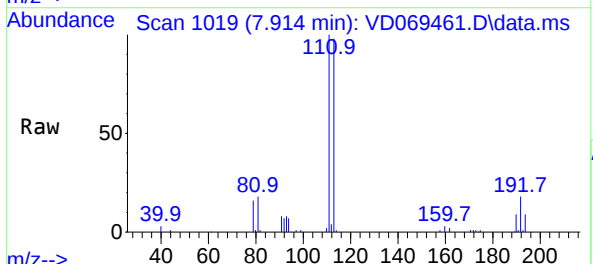
Tgt Ion:	114	Resp:	521140
Ion Ratio	Lower	Upper	
114	100		
63	17.2	0.0	35.6
88	13.5	0.0	31.2

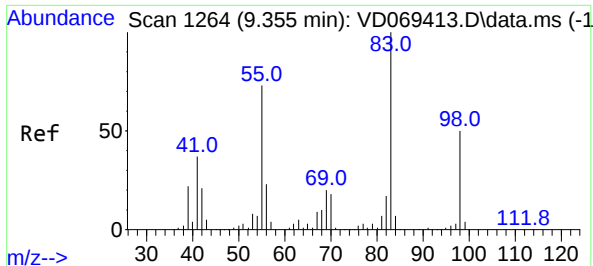


#35

Dibromofluoromethane
Concen: 46.352 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069461.D
Acq: 16 Jun 2021 12:32

Tgt Ion:	113	Resp:	180928
Ion Ratio	Lower	Upper	
113	100		
111	103.0	83.0	124.6
192	19.4	15.1	22.7

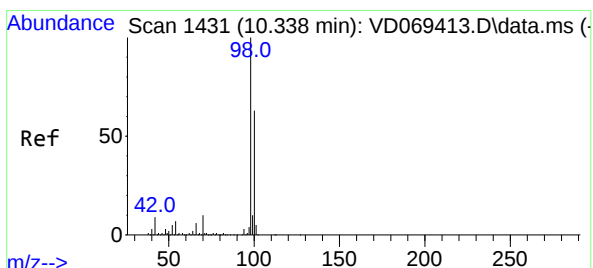
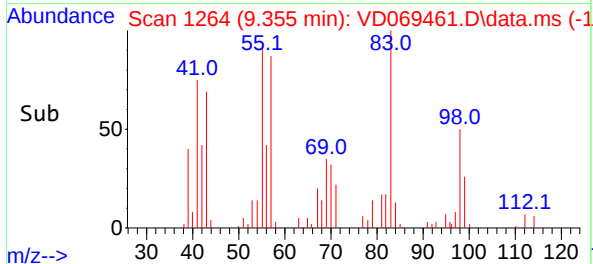
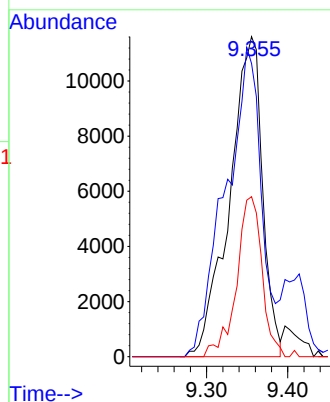
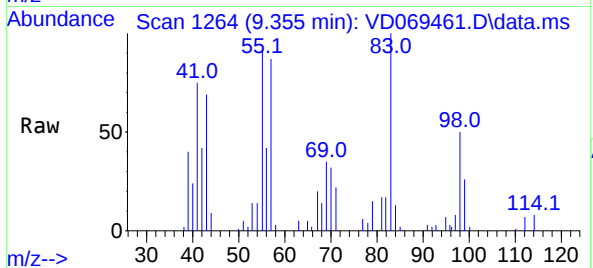




#39
Methylcyclohexane
Concen: 5.997 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD069461.D
Acq: 16 Jun 2021 12:32

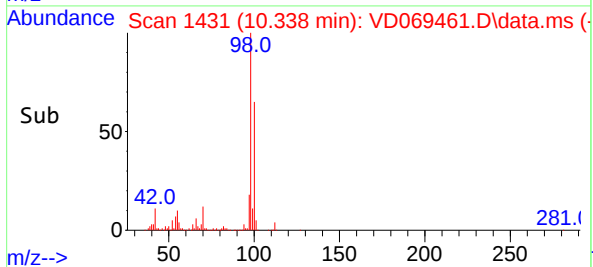
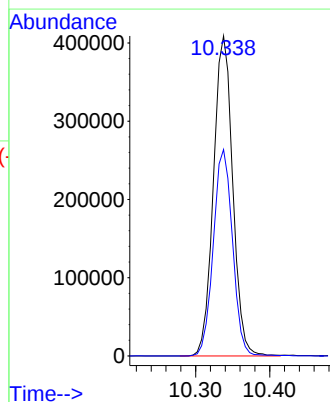
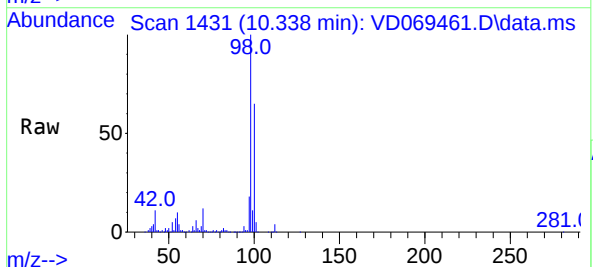
Instrument :
MSVOA_D
ClientSampleId :
0228-COMPOSITE-E

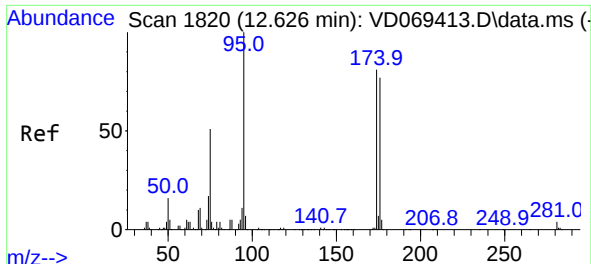
Tgt Ion: 83 Resp: 32736
Ion Ratio Lower Upper
83 100
55 91.6 57.4 86.2#
98 50.0 42.2 63.2



#50
Toluene-d8
Concen: 51.740 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069461.D
Acq: 16 Jun 2021 12:32

Tgt Ion: 98 Resp: 738659
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1



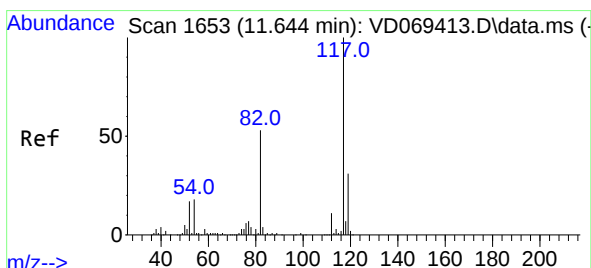
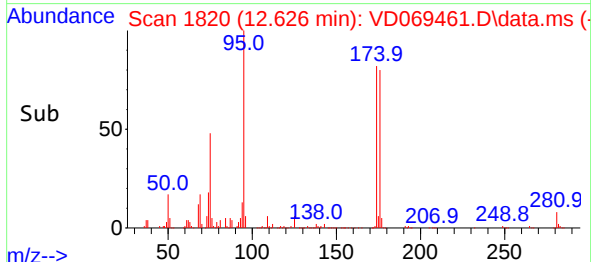
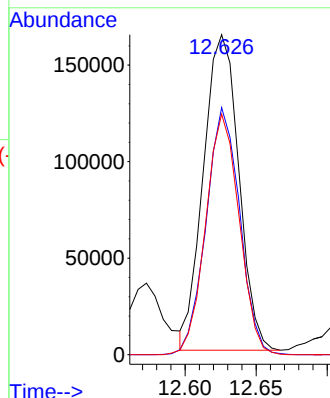
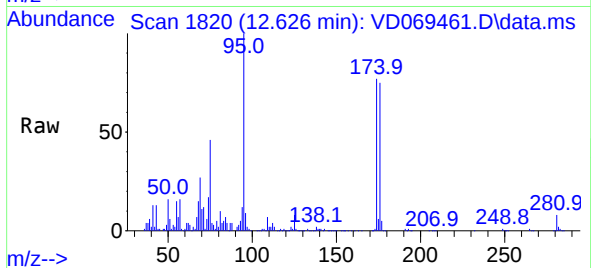


#62
4-Bromofluorobenzene
Concen: 61.777 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069461.D
Acq: 16 Jun 2021 12:32

Instrument :
MSVOA_D
ClientSampleId :
0228-COMPOSITE-E

Tgt Ion: 95 Resp: 282984

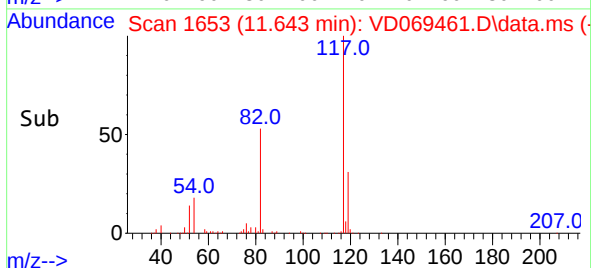
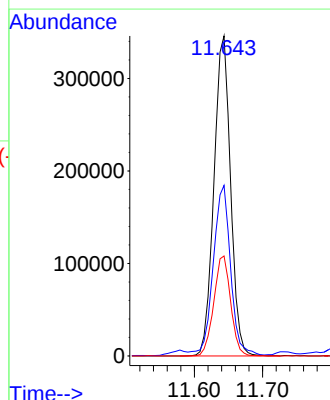
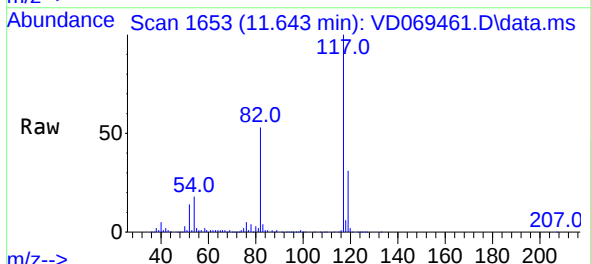
Ion	Ratio	Lower	Upper
95	100		
174	74.5	0.0	162.8
176	72.3	0.0	154.4

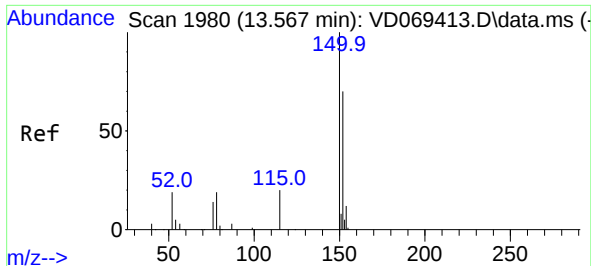


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.001 min
Lab File: VD069461.D
Acq: 16 Jun 2021 12:32

Tgt Ion: 117 Resp: 586799

Ion	Ratio	Lower	Upper
117	100		
82	52.0	43.3	64.9
119	31.3	25.3	37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069461.D
 Acq: 16 Jun 2021 12:32

Instrument :
 MSVOA_D
 ClientSampleId :
 0228-COMPOSITE-E

Tgt Ion:152 Resp: 271360

Ion	Ratio	Lower	Upper
152	100		
115	56.0	29.4	88.3
150	148.5	0.0	355.0

