

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071521\
 Data File : VD069709.D
 Acq On : 15 Jul 2021 16:07
 Operator : VA/SY
 Sample : M3002-04
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-H

Quant Time: Jul 16 02:02:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

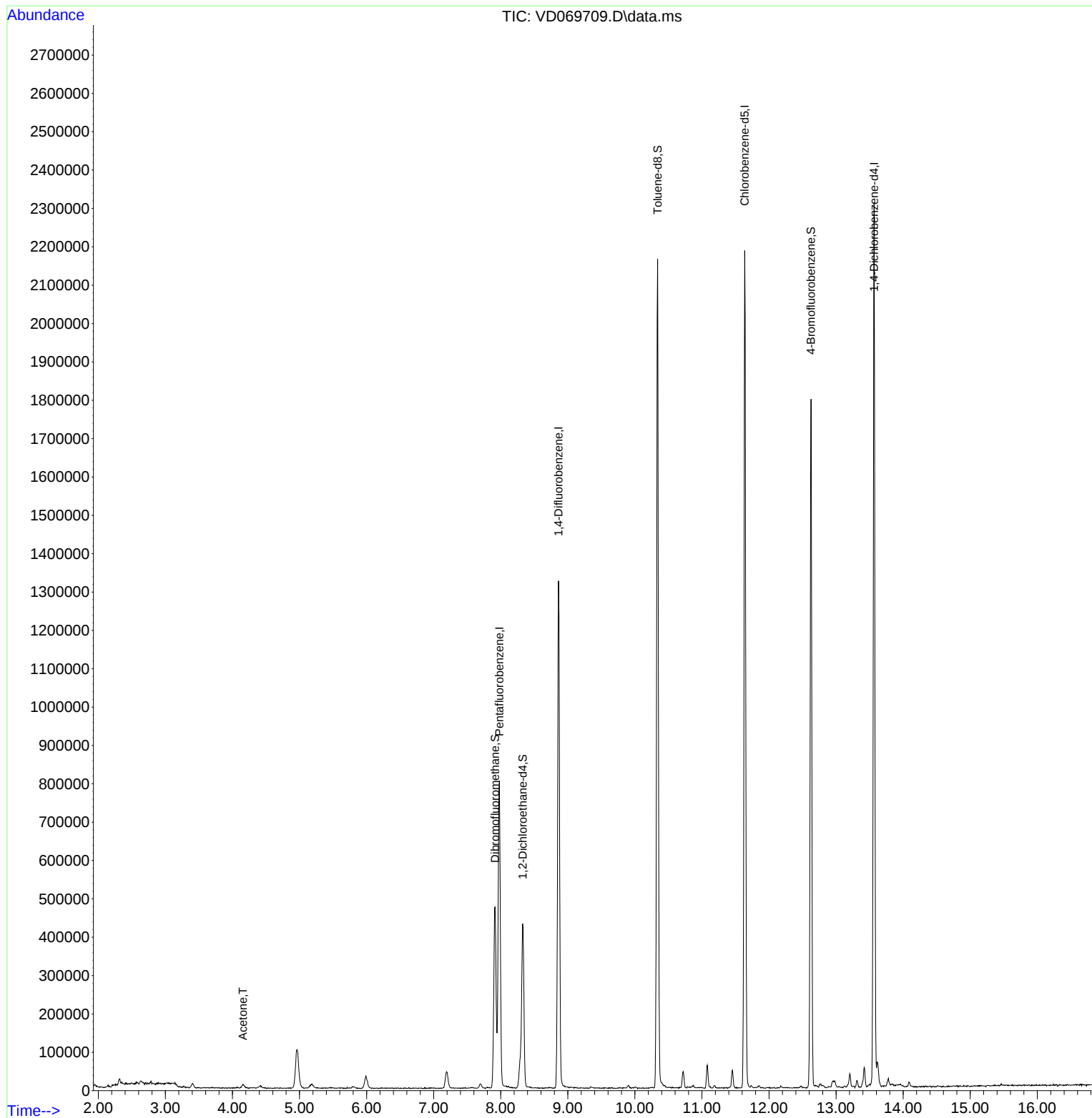
Internal Standards						
1) Pentafluorobenzene	7.979	168	560786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1119673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1272340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	596309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	337883	48.254	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.500%
35) Dibromofluoromethane	7.914	113	359432	47.850	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.700%
50) Toluene-d8	10.338	98	1474553	50.528	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.060%
62) 4-Bromofluorobenzene	12.626	95	587819	60.396	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.800%
Target Compounds						
16) Acetone	4.156	43	17222	23.694	ug/l	Qvalue # 88

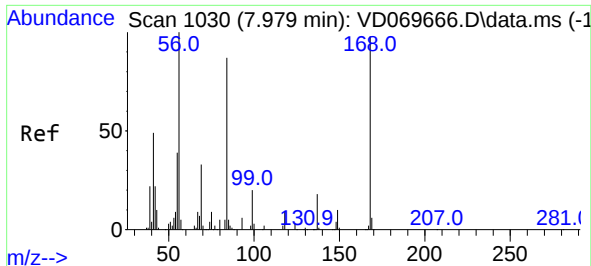
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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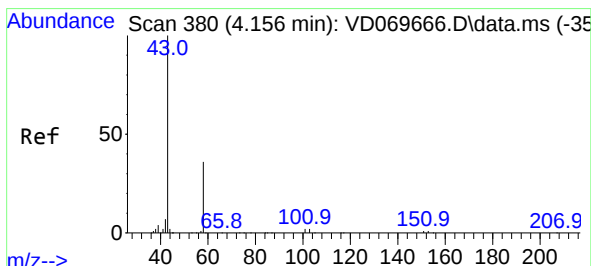
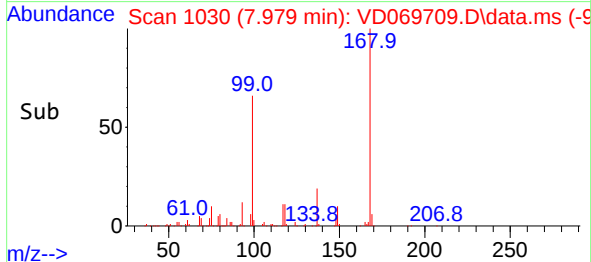
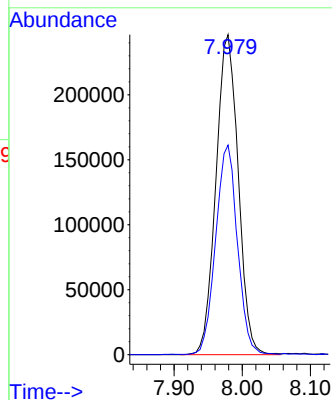
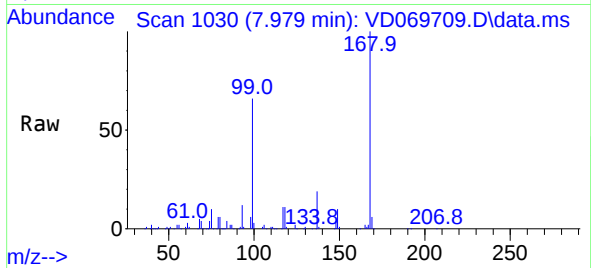




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069709.D
Acq: 15 Jul 2021 16:07

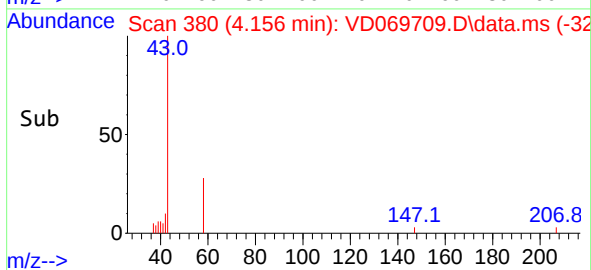
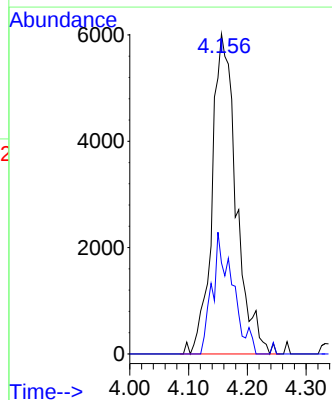
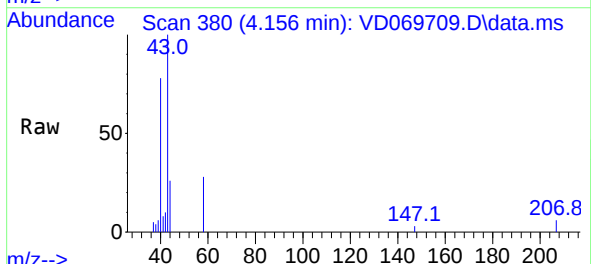
Instrument :
MSVOA_D
ClientSampled :
TP-H

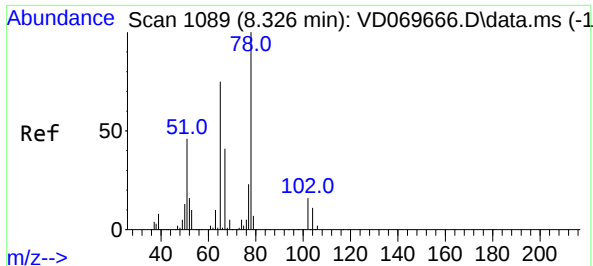
Tgt Ion:168 Resp: 560786
Ion Ratio Lower Upper
168 100
99 65.4 51.8 77.6



#16
Acetone
Concen: 23.694 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069709.D
Acq: 15 Jul 2021 16:07

Tgt Ion: 43 Resp: 17222
Ion Ratio Lower Upper
43 100
58 28.4 28.6 42.8#

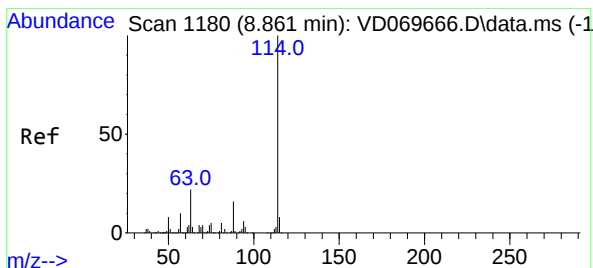
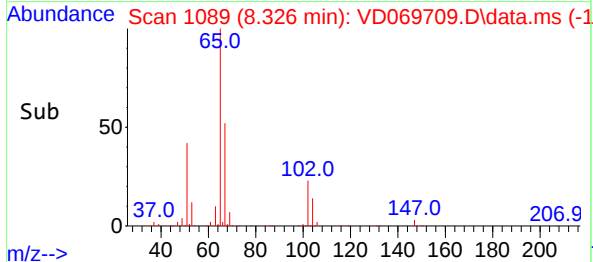
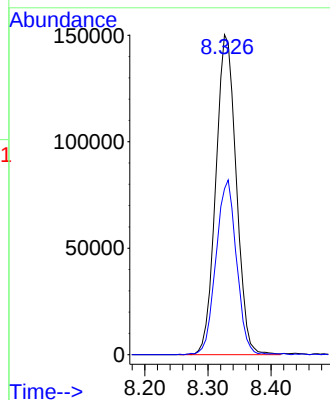
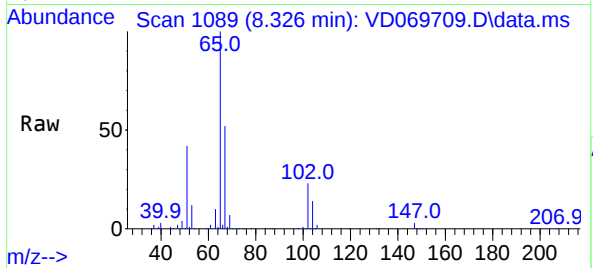




#33
1,2-Dichloroethane-d4
Concen: 48.254 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069709.D
Acq: 15 Jul 2021 16:07

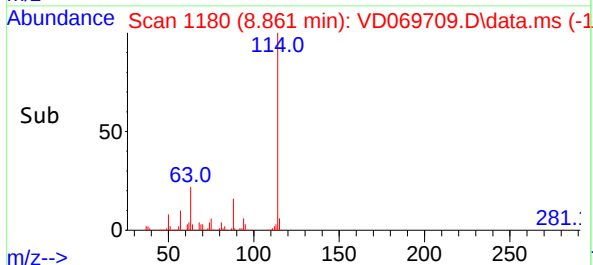
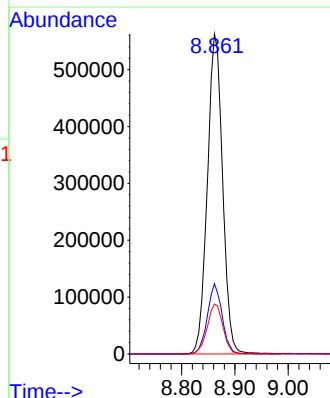
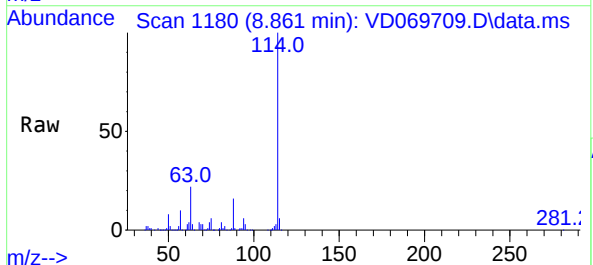
Instrument :
MSVOA_D
ClientSampleId :
TP-H

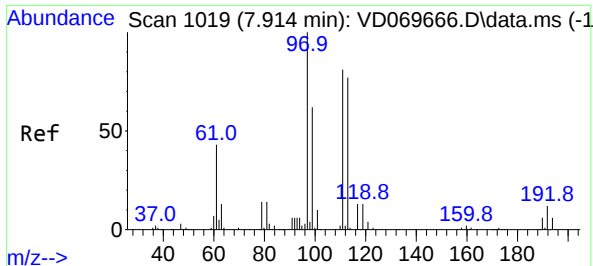
Tgt Ion: 65 Resp: 337883
Ion Ratio Lower Upper
65 100
67 55.0 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069709.D
Acq: 15 Jul 2021 16:07

Tgt Ion:114 Resp: 1119673
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.4
88 15.6 0.0 32.0

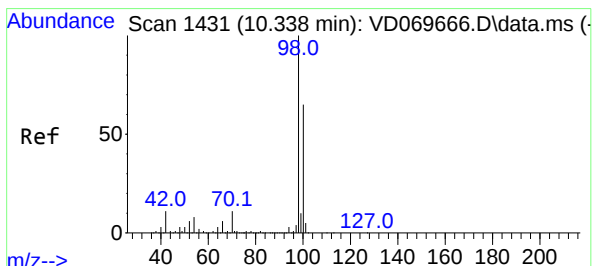
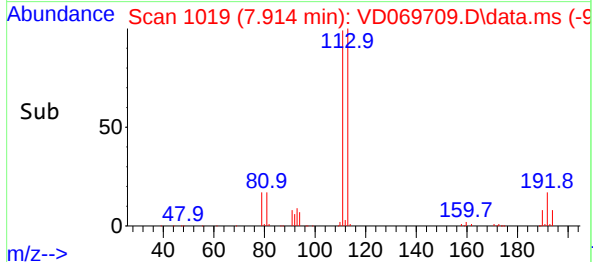
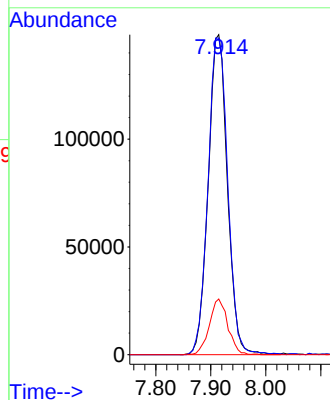
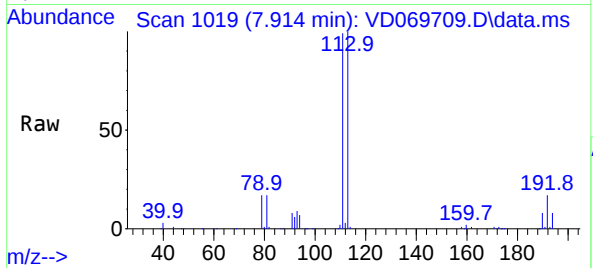




#35
Dibromofluoromethane
Concen: 47.850 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069709.D
Acq: 15 Jul 2021 16:07

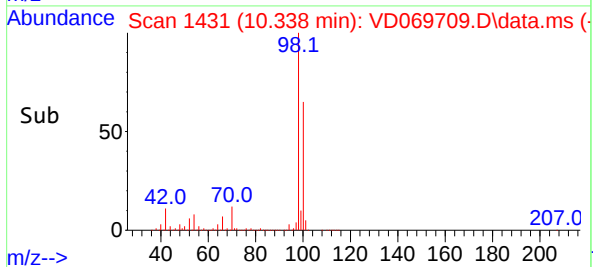
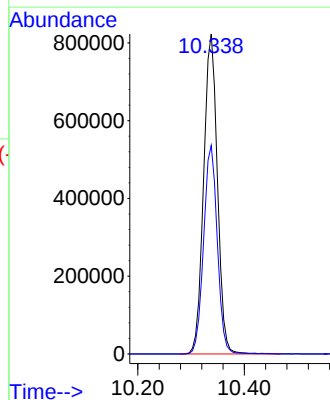
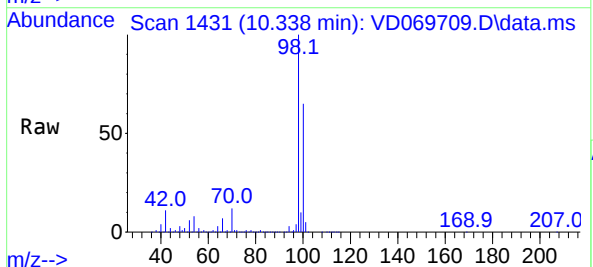
Instrument :
MSVOA_D
ClientSampled :
TP-H

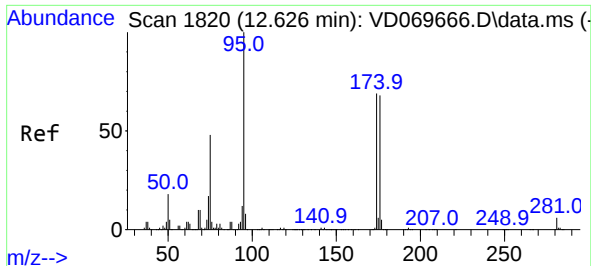
Tgt Ion:113 Resp: 359432
Ion Ratio Lower Upper
113 100
111 102.3 82.6 123.8
192 16.8 12.7 19.1



#50
Toluene-d8
Concen: 50.528 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069709.D
Acq: 15 Jul 2021 16:07

Tgt Ion: 98 Resp: 1474553
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2

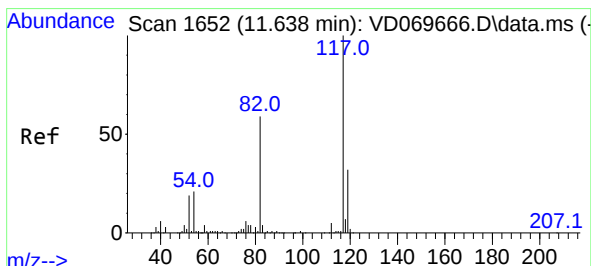
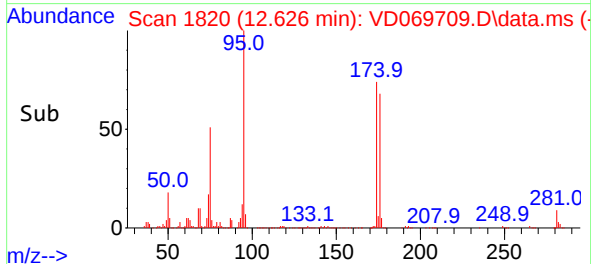
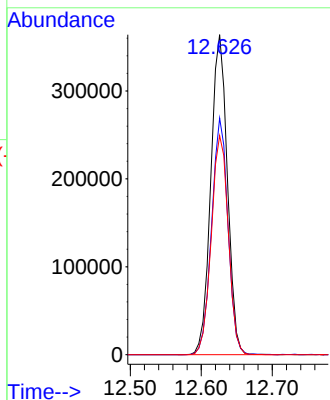
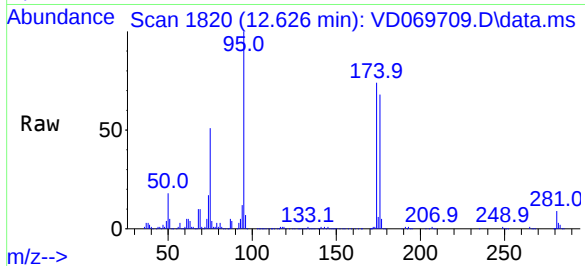




#62
4-Bromofluorobenzene
Concen: 60.396 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069709.D
Acq: 15 Jul 2021 16:07

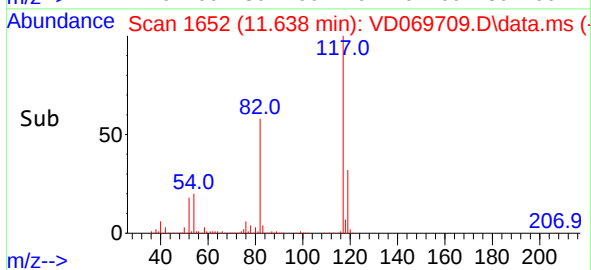
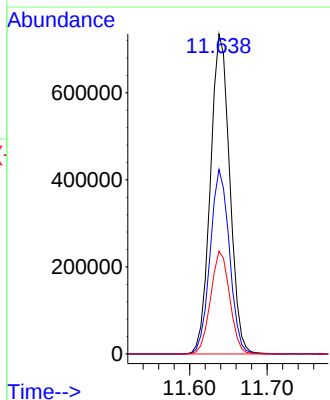
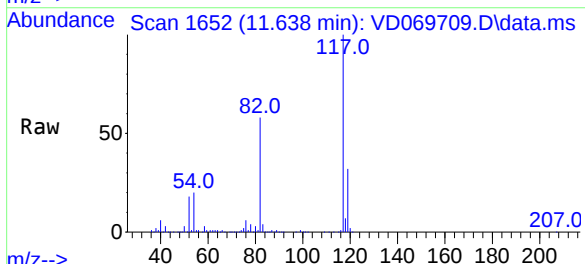
Instrument :
MSVOA_D
ClientSampled :
TP-H

Tgt Ion: 95 Resp: 587819
Ion Ratio Lower Upper
95 100
174 73.1 0.0 140.0
176 70.2 0.0 136.2

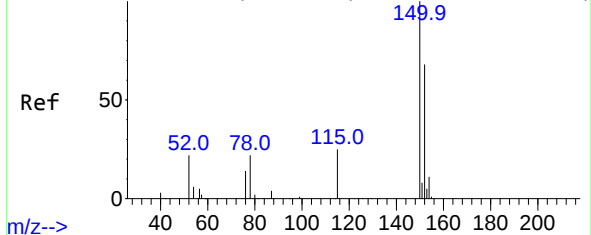


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069709.D
Acq: 15 Jul 2021 16:07

Tgt Ion: 117 Resp: 1272340
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 32.2 25.5 38.3



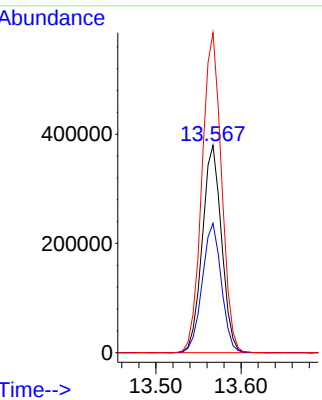
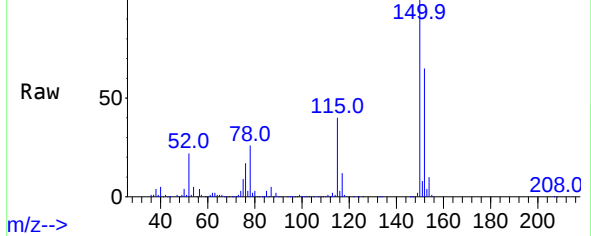
Abundance Scan 1980 (13.567 min): VD069666.D\data.ms (-



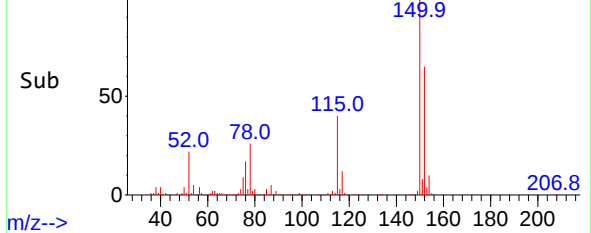
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069709.D
Acq: 15 Jul 2021 16:07

Tgt Ion:152 Resp: 596309
Ion Ratio Lower Upper
152 100
115 62.1 31.7 95.1
150 156.4 0.0 350.4

Abundance Scan 1980 (13.567 min): VD069709.D\data.ms (-



Abundance Scan 1980 (13.567 min): VD069709.D\data.ms (-



Instrument :
MSVOA_D
ClientSampleId :
TP-H