

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071421\
 Data File : VD069697.D
 Acq On : 14 Jul 2021 19:34
 Operator : VA/SY
 Sample : M3002-04
 Misc : 5.27G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-H

Quant Time: Jul 15 03:32:46 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)

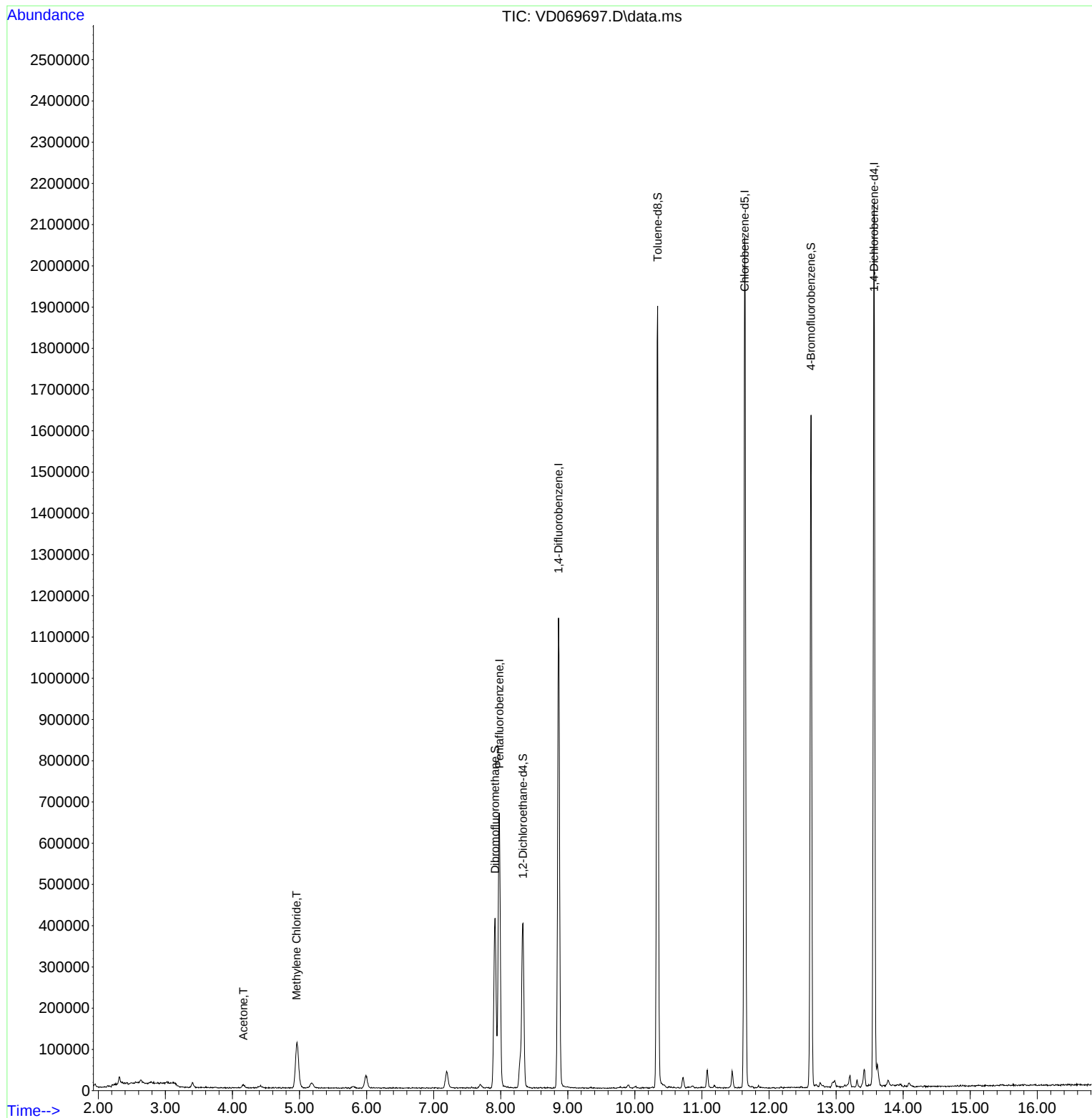
Internal Standards						
1) Pentafluorobenzene	7.979	168	467263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	960362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1198534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	546914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	314645	53.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.860%	
35) Dibromofluoromethane	7.914	113	310266	48.156	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.320%	
50) Toluene-d8	10.338	98	1284315	51.310	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.620%	
62) 4-Bromofluorobenzene	12.626	95	546737	65.494	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 130.980%	
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	13680	23.199	ug/l #	87
20) Methylene Chloride	4.956	84	91419	6.736	ug/l #	93

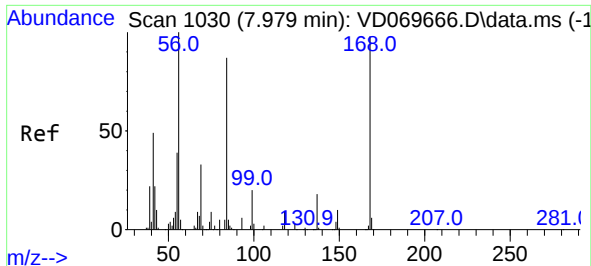
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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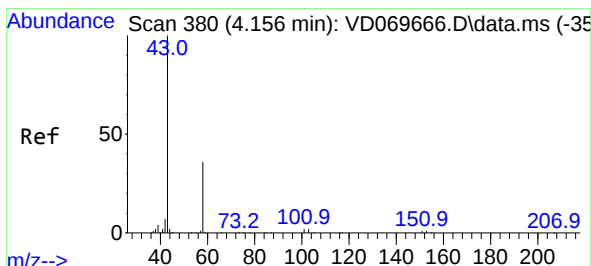
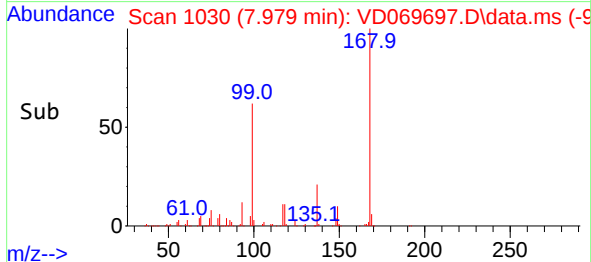
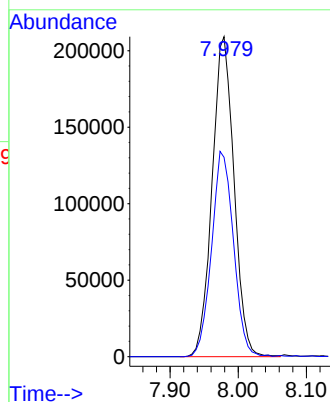
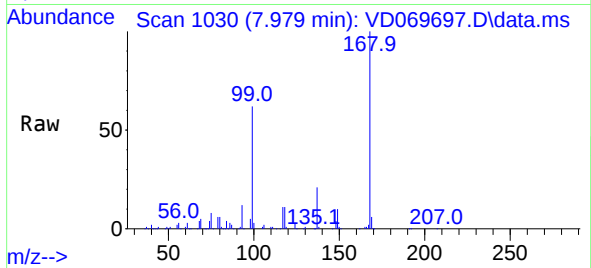




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069697.D
Acq: 14 Jul 2021 19:34

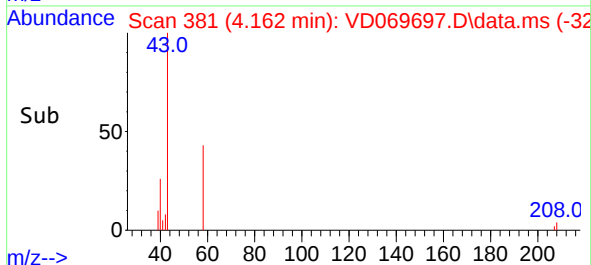
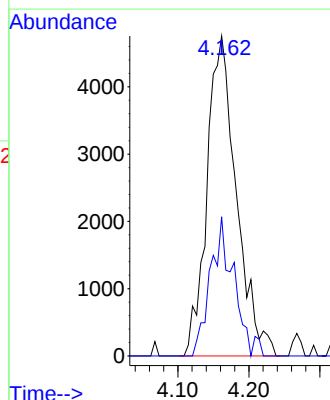
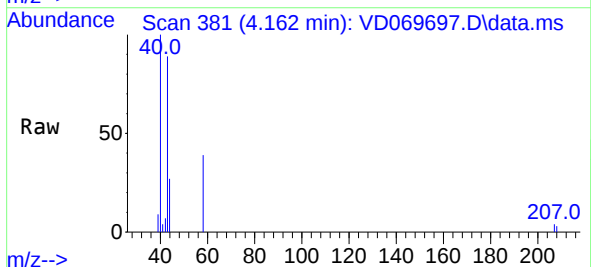
Instrument :
MSVOA_D
ClientSampleId :
TP-H

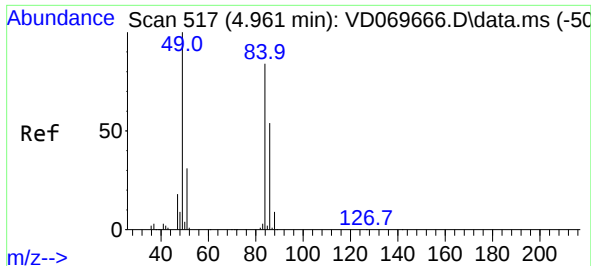
Tgt Ion:168 Resp: 467263
Ion Ratio Lower Upper
168 100
99 62.3 51.8 77.6



#16
Acetone
Concen: 23.199 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD069697.D
Acq: 14 Jul 2021 19:34

Tgt Ion: 43 Resp: 13680
Ion Ratio Lower Upper
43 100
58 43.5 28.6 42.8#



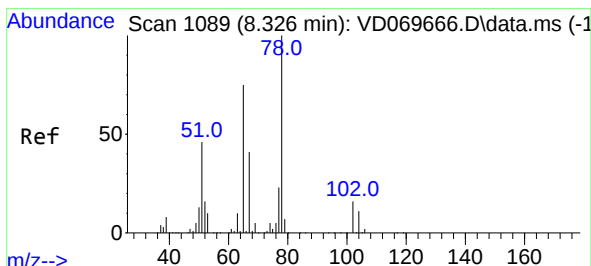
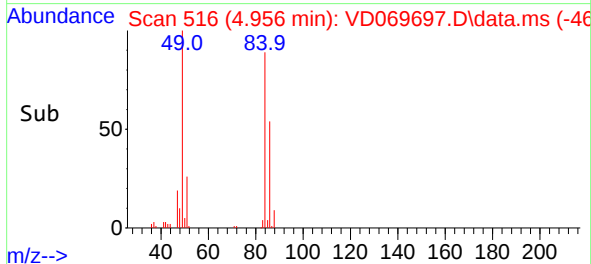
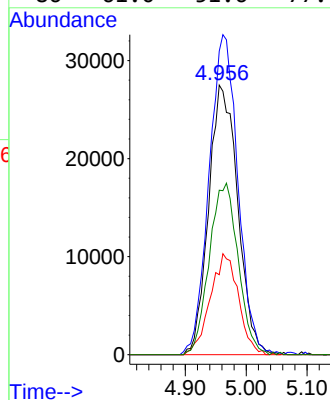
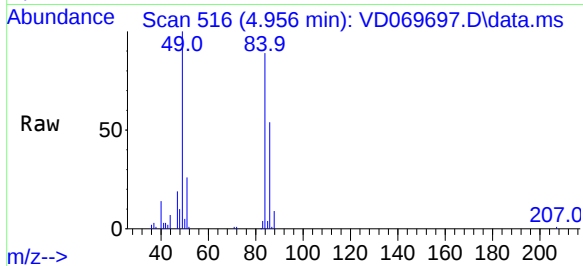


#20
Methylene Chloride
Concen: 6.736 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.005 min
Lab File: VD069697.D
Acq: 14 Jul 2021 19:34

Instrument :
MSVOA_D
ClientSampleId :
TP-H

Tgt Ion: 84 Resp: 91419

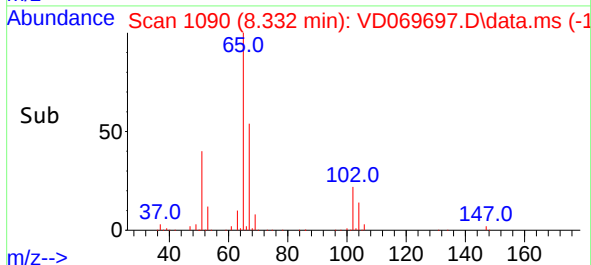
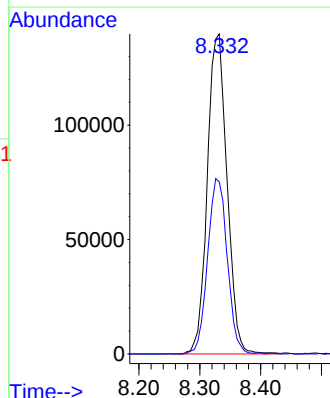
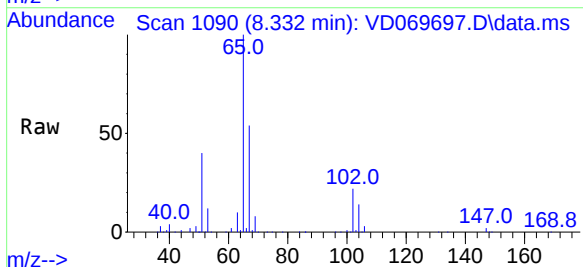
Ion	Ratio	Lower	Upper
84	100		
49	112.5	95.5	143.3
51	29.7	29.7	44.5#
86	61.0	51.6	77.4

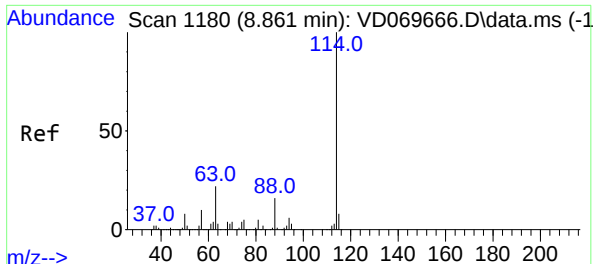


#33
1,2-Dichloroethane-d4
Concen: 53.929 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069697.D
Acq: 14 Jul 2021 19:34

Tgt Ion: 65 Resp: 314645

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	107.2



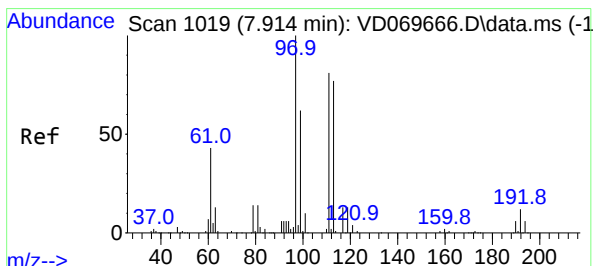
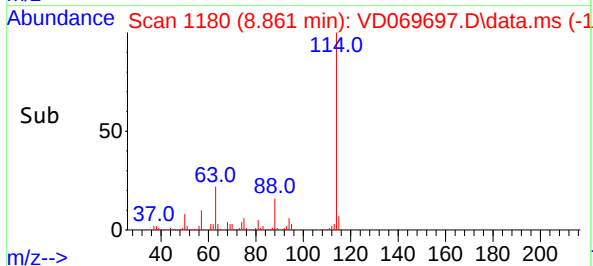
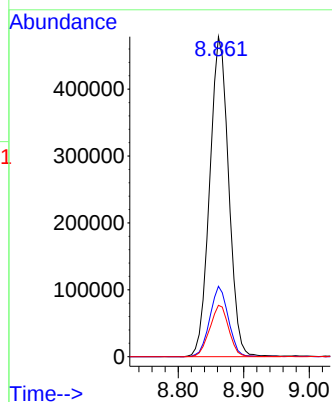
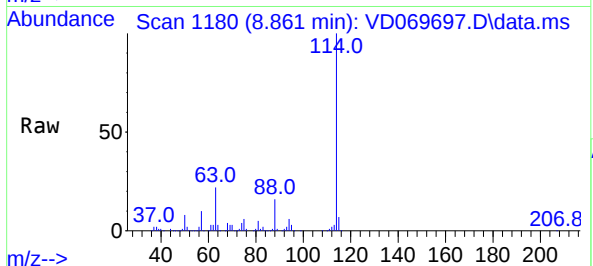


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069697.D
Acq: 14 Jul 2021 19:34

Instrument :
MSVOA_D
ClientSampled :
TP-H

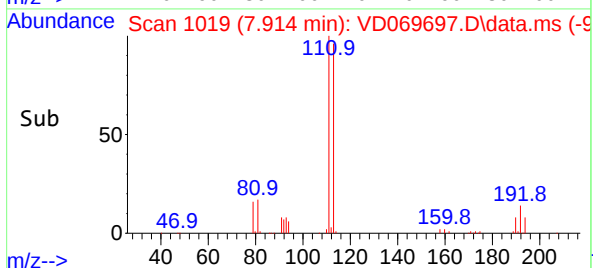
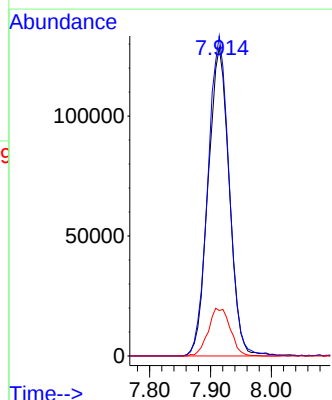
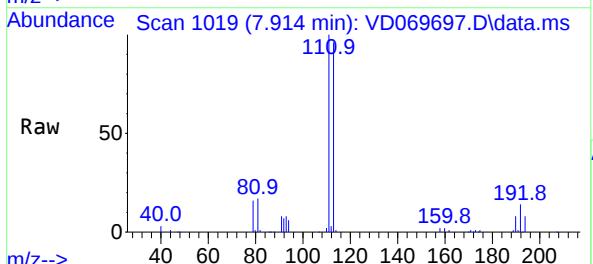
Tgt Ion:114 Resp: 960362
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.4
88 16.0 0.0 32.0

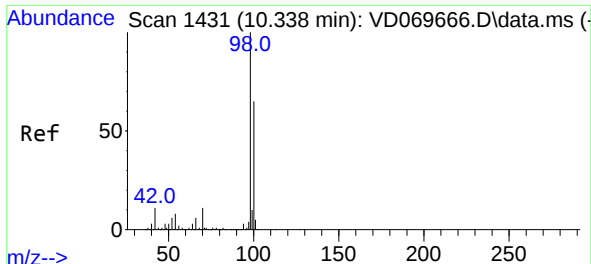


#35

Dibromofluoromethane
Concen: 48.156 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069697.D
Acq: 14 Jul 2021 19:34

Tgt Ion:113 Resp: 310266
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 16.1 12.7 19.1

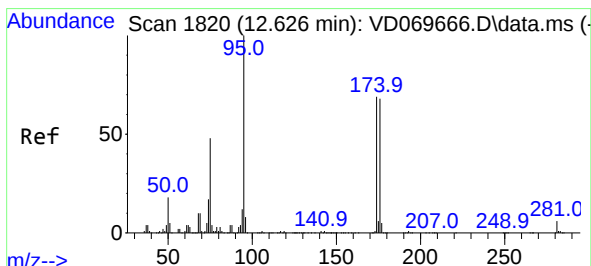
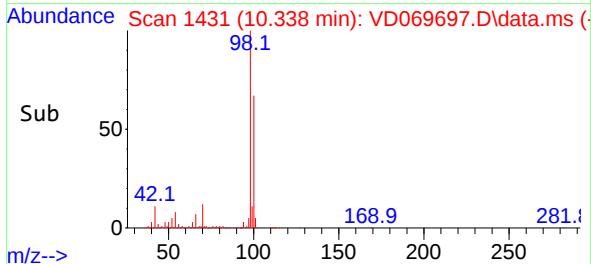
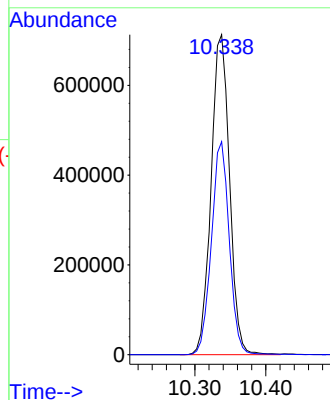
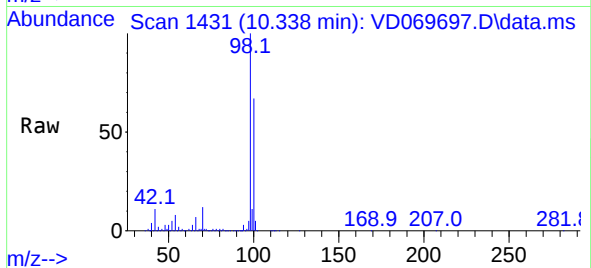




#50
Toluene-d8
Concen: 51.310 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069697.D
Acq: 14 Jul 2021 19:34

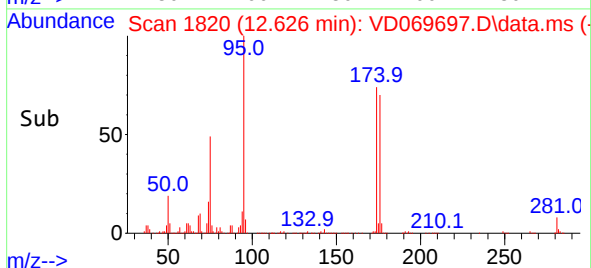
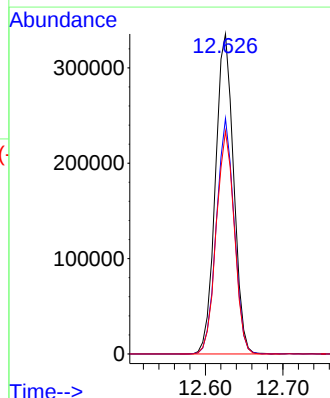
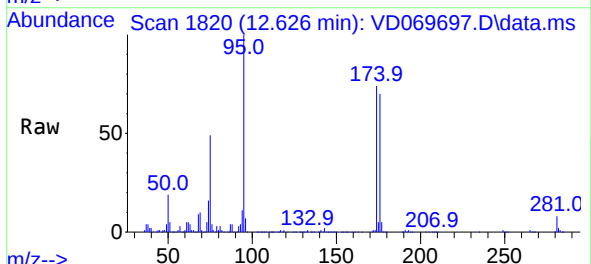
Instrument :
MSVOA_D
ClientSampleId :
TP-H

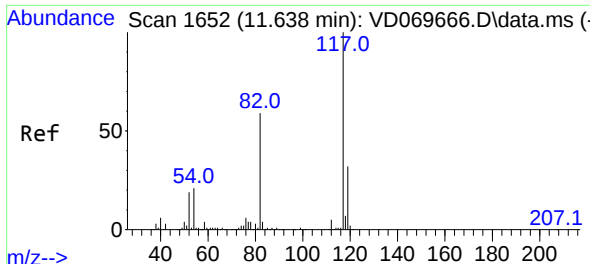
Tgt Ion: 98 Resp: 1284315
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 65.494 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069697.D
Acq: 14 Jul 2021 19:34

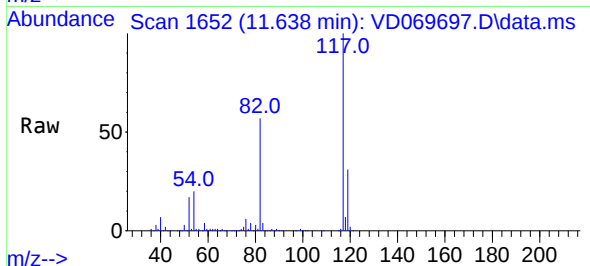
Tgt Ion: 95 Resp: 546737
Ion Ratio Lower Upper
95 100
174 71.7 0.0 140.0
176 69.0 0.0 136.2



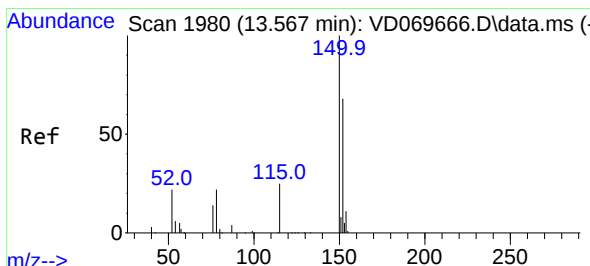
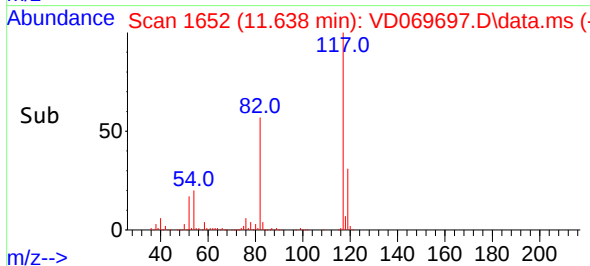
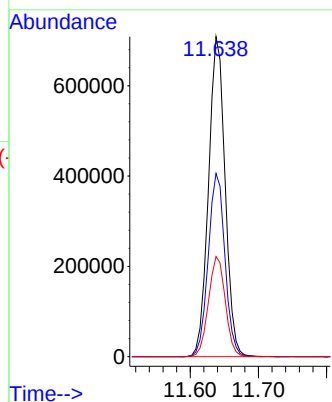


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069697.D
Acq: 14 Jul 2021 19:34

Instrument :
MSVOA_D
ClientSampleId :
TP-H



Tgt Ion:117 Resp: 1198534
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 31.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069697.D
Acq: 14 Jul 2021 19:34

Tgt Ion:152 Resp: 546914
Ion Ratio Lower Upper
152 100
115 62.5 31.7 95.1
150 158.9 0.0 350.4

