

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072021\
 Data File : VD069769.D
 Acq On : 20 Jul 2021 14:53
 Operator : VA/SY
 Sample : M3047-02
 Misc : 6.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-EF-01-020-ABCD

Quant Time: Jul 21 03:25:36 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)

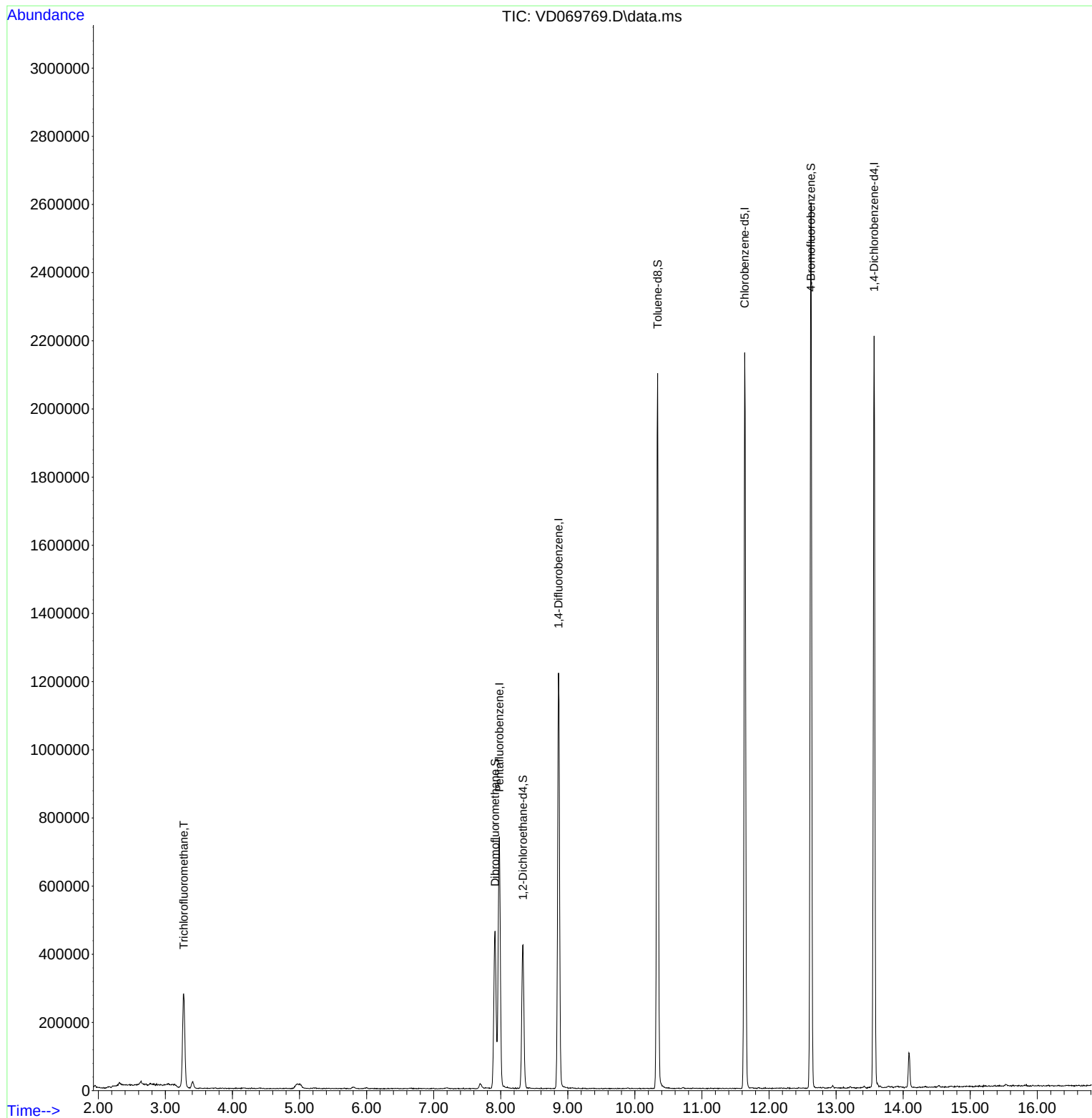
Internal Standards						
1) Pentafluorobenzene	7.979	168	520010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1033564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1239869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	571894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	338225	52.091	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.180%	
35) Dibromofluoromethane	7.914	113	348157	50.210	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.420%	
50) Toluene-d8	10.338	98	1389864	51.594	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.180%	
62) 4-Bromofluorobenzene	12.626	95	622901	69.332	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 138.660%	
Target Compounds						
7) Trichlorofluoromethane	3.273	101	301703	30.245	ug/l	Qvalue 99

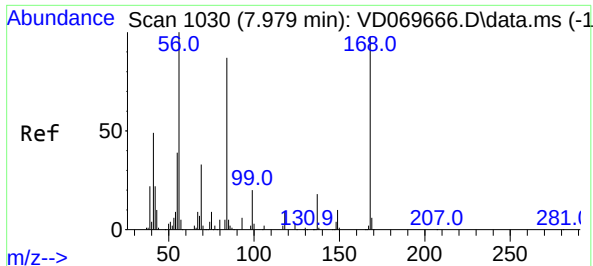
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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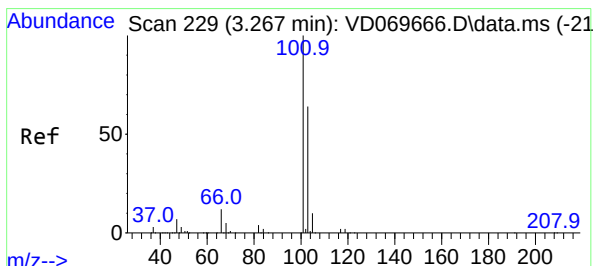
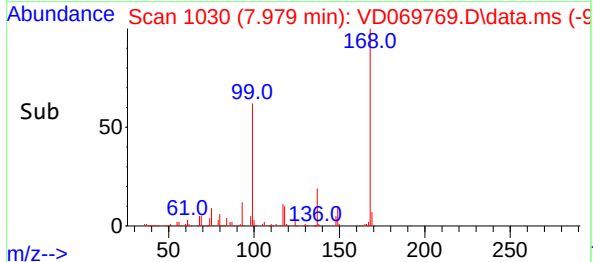
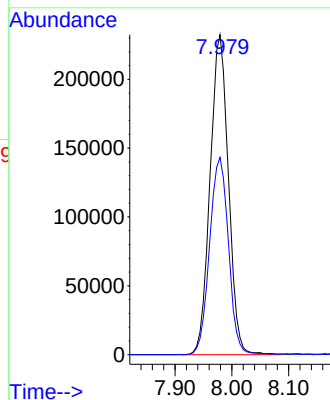
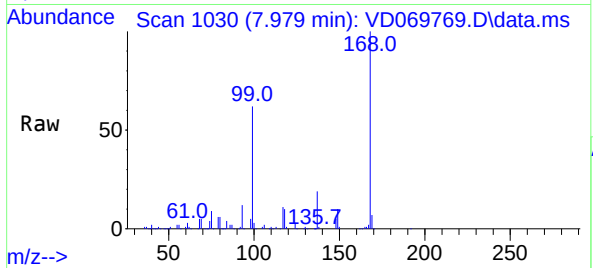




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069769.D
Acq: 20 Jul 2021 14:53

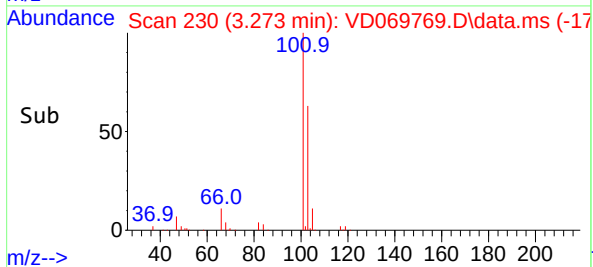
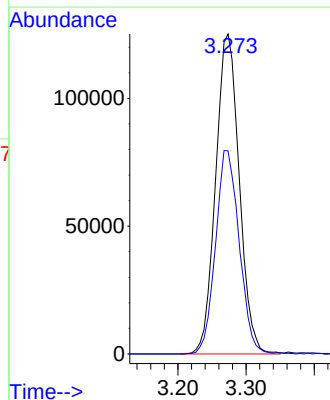
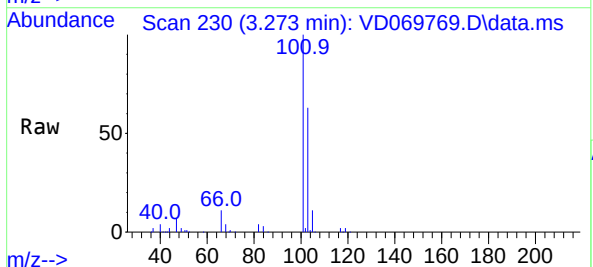
Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-020-ABCD

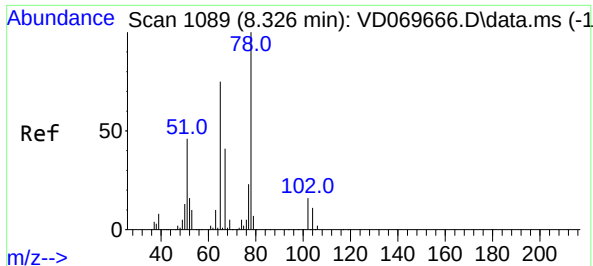
Tgt Ion:168 Resp: 520010
Ion Ratio Lower Upper
168 100
99 61.6 51.8 77.6



#7
Trichlorofluoromethane
Concen: 30.245 ug/l
RT: 3.273 min Scan# 230
Delta R.T. 0.006 min
Lab File: VD069769.D
Acq: 20 Jul 2021 14:53

Tgt Ion:101 Resp: 301703
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.0

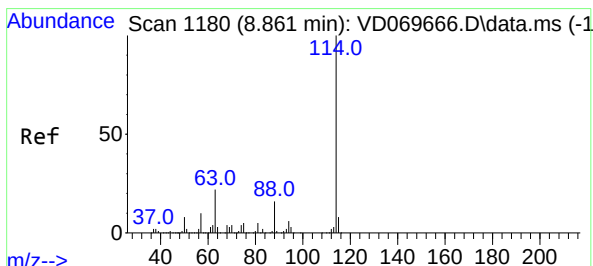
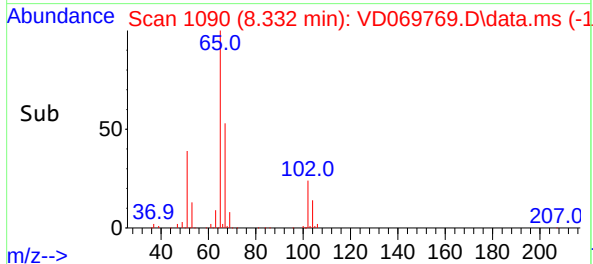
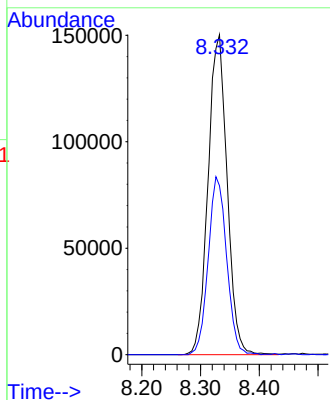
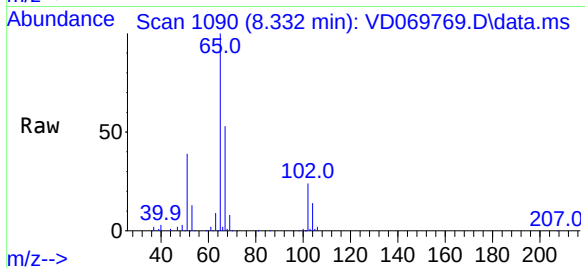




#33
1,2-Dichloroethane-d4
Concen: 52.091 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069769.D
Acq: 20 Jul 2021 14:53

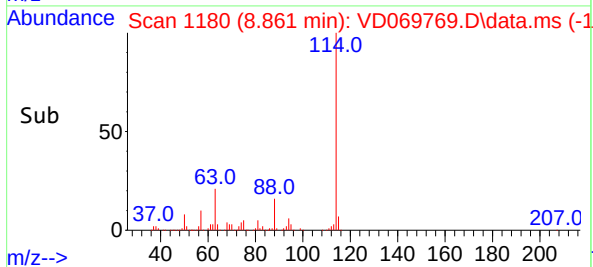
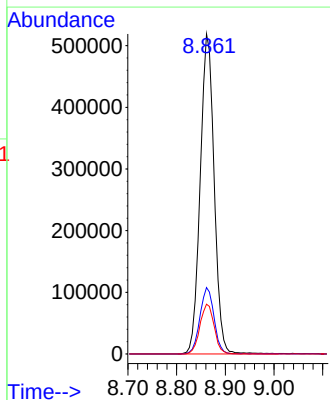
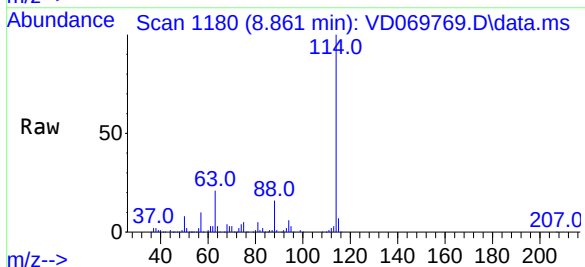
Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-020-ABCD

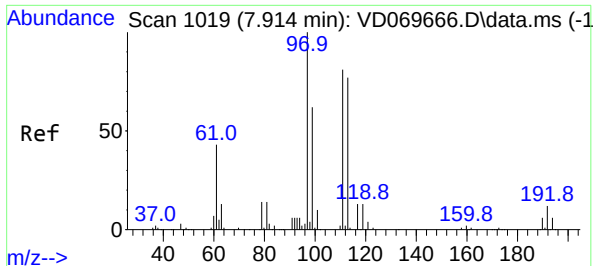
Tgt Ion: 65 Resp: 338225
Ion Ratio Lower Upper
65 100
67 53.8 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069769.D
Acq: 20 Jul 2021 14:53

Tgt Ion: 114 Resp: 1033564
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.4
88 15.6 0.0 32.0

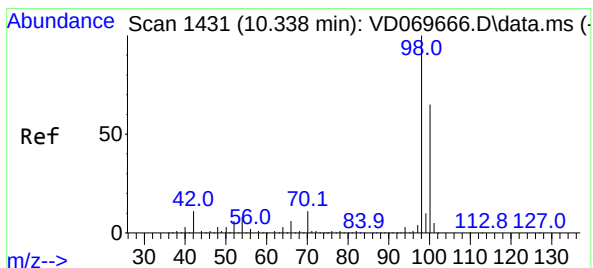
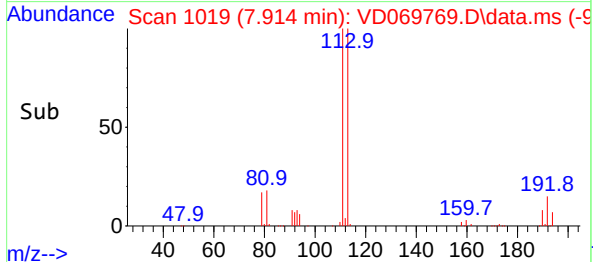
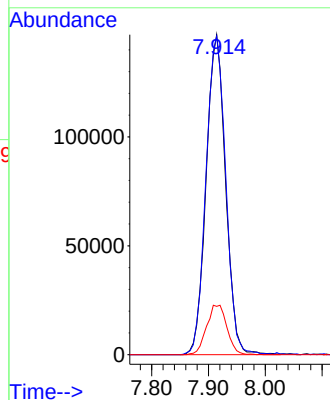
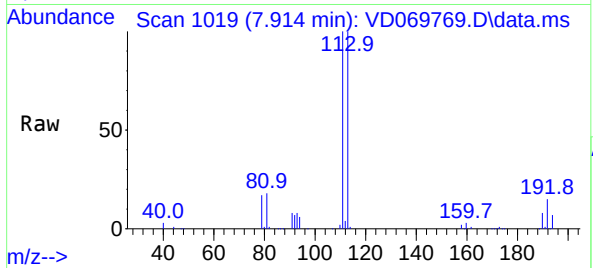




#35
Dibromofluoromethane
Concen: 50.210 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069769.D
Acq: 20 Jul 2021 14:53

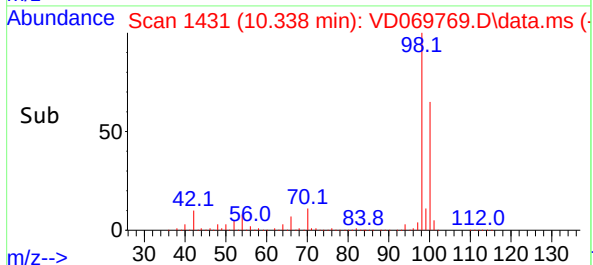
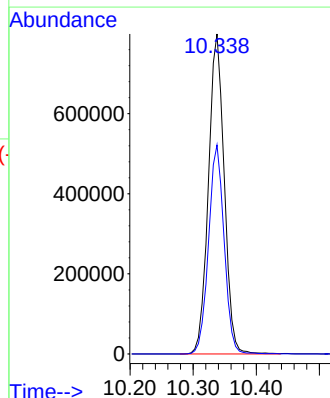
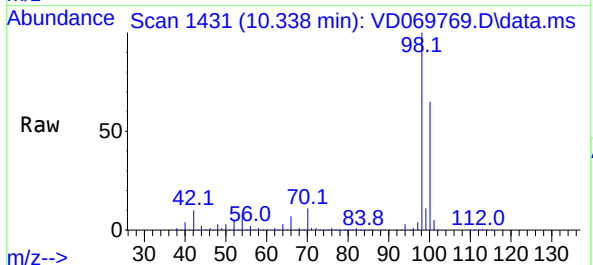
Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-020-ABCD

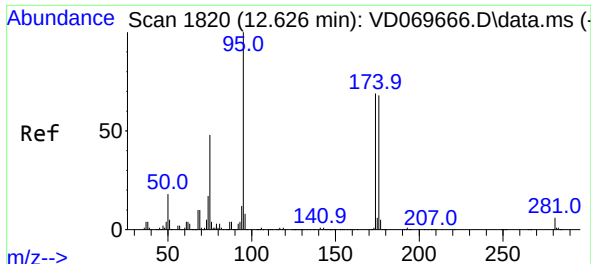
Tgt Ion:113 Resp: 348157
Ion Ratio Lower Upper
113 100
111 101.3 82.6 123.8
192 16.2 12.7 19.1



#50
Toluene-d8
Concen: 51.594 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069769.D
Acq: 20 Jul 2021 14:53

Tgt Ion: 98 Resp: 1389864
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2



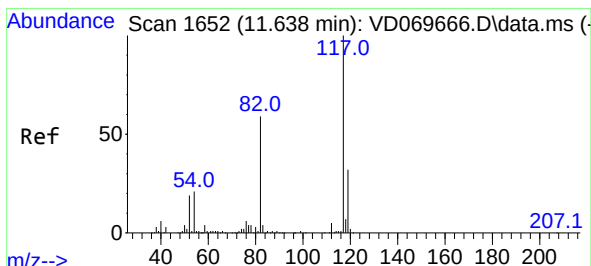
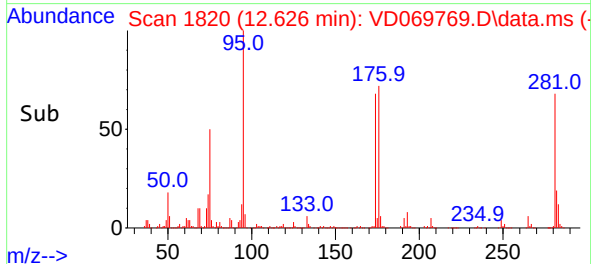
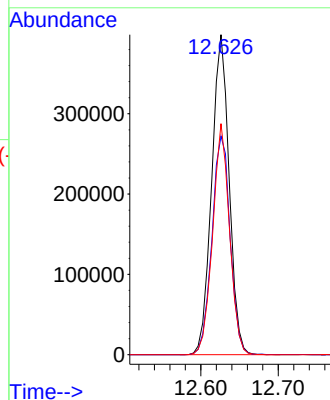
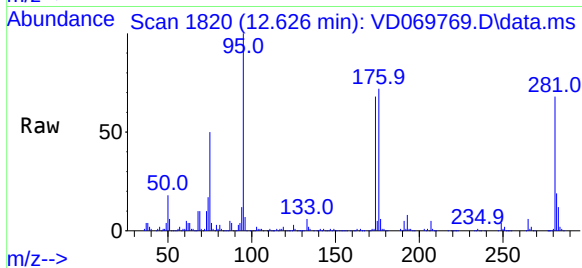


#62
4-Bromofluorobenzene
Concen: 69.332 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069769.D
Acq: 20 Jul 2021 14:53

Instrument :
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ClientSampleId :
FK-EF-01-020-ABCD

Tgt Ion: 95 Resp: 622901

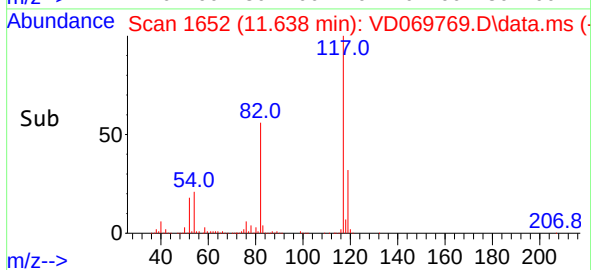
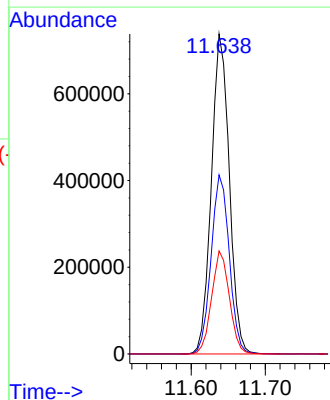
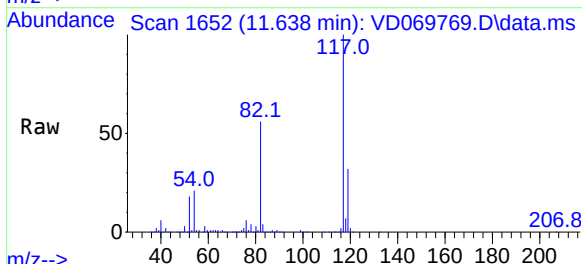
Ion	Ratio	Lower	Upper
95	100		
174	71.4	0.0	140.0
176	69.6	0.0	136.2

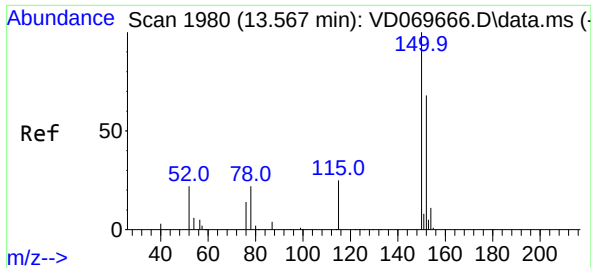


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069769.D
Acq: 20 Jul 2021 14:53

Tgt Ion: 117 Resp: 1239869

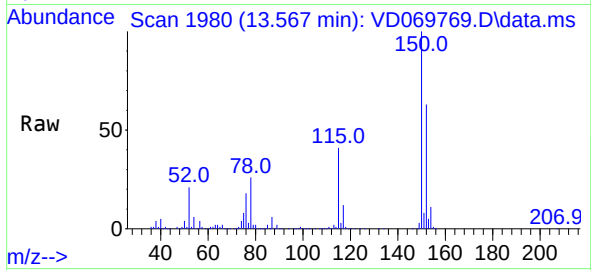
Ion	Ratio	Lower	Upper
117	100		
82	56.0	47.4	71.2
119	32.2	25.5	38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD069769.D
 Acq: 20 Jul 2021 14:53

Instrument :
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Tgt Ion:	152	Resp:	571894
Ion	Ratio	Lower	Upper
152	100		
115	63.3	31.7	95.1
150	159.1	0.0	350.4

