

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
 Data File : VD069331.D
 Acq On : 03 Jun 2021 18:07
 Operator : VA/SY
 Sample : M2588-04
 Misc : 6.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-074-B

Quant Time: Jun 04 09:37:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

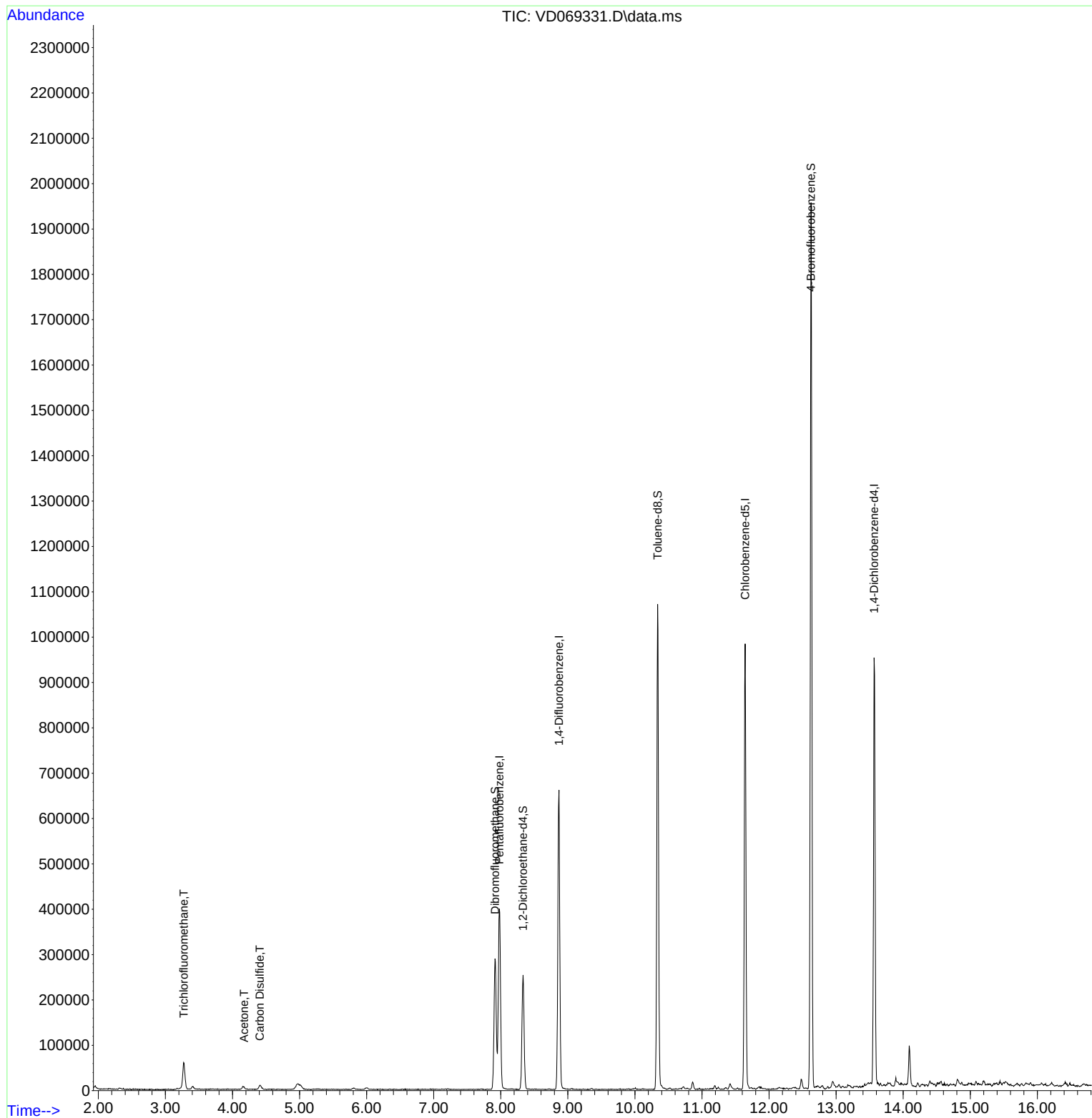
Internal Standards						
1) Pentafluorobenzene	7.979	168	305100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	586729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	597321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	268371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	201693	68.896	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.800%	
35) Dibromofluoromethane	7.914	113	207027	56.188	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.380%	
50) Toluene-d8	10.337	98	742036	55.383	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.760%	
62) 4-Bromofluorobenzene	12.626	95	269524	61.392	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 122.780%	
Target Compounds						
					Qvalue	
7) Trichlorofluoromethane	3.273	101	60584	10.545	ug/l	94
16) Acetone	4.173	43	11150	21.825	ug/l #	85
17) Carbon Disulfide	4.408	76	19181	1.895	ug/l	96

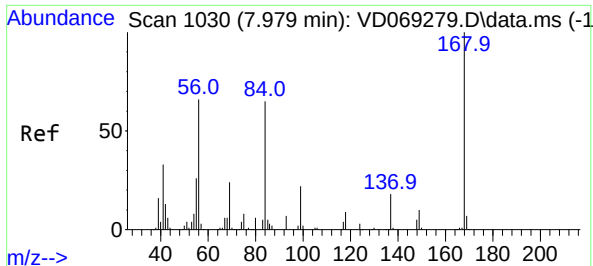
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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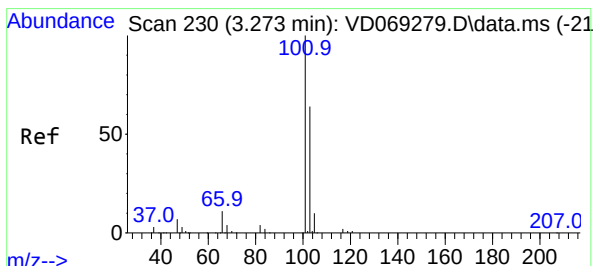
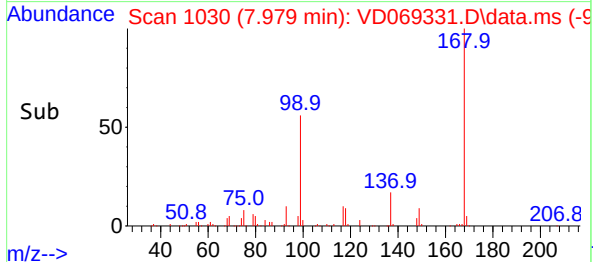
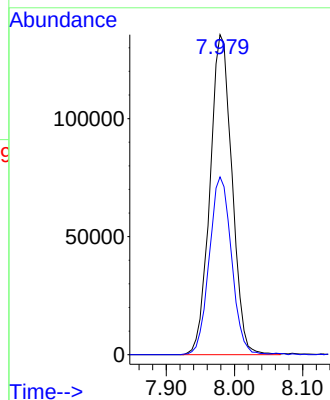
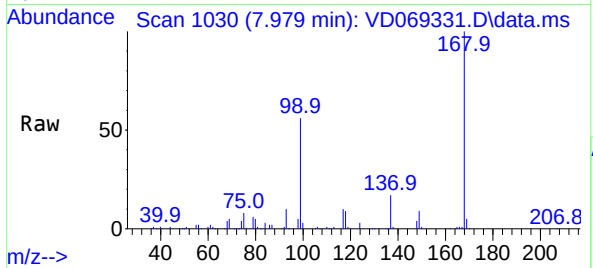




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069331.D
Acq: 03 Jun 2021 18:07

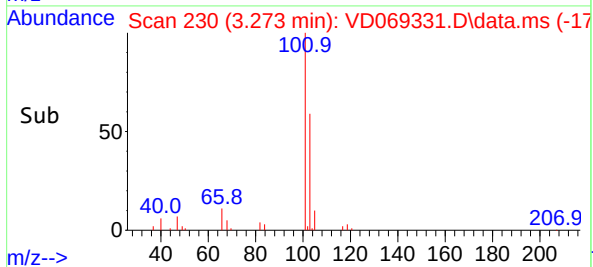
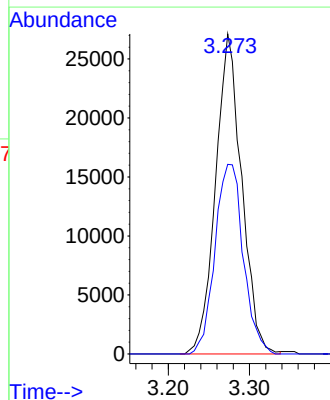
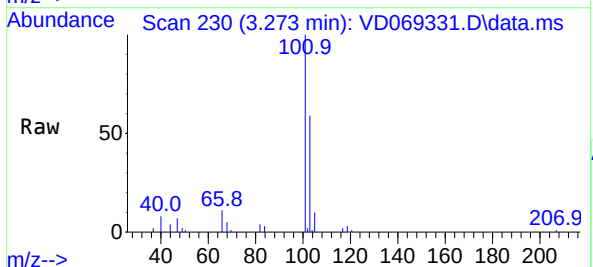
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-074-B

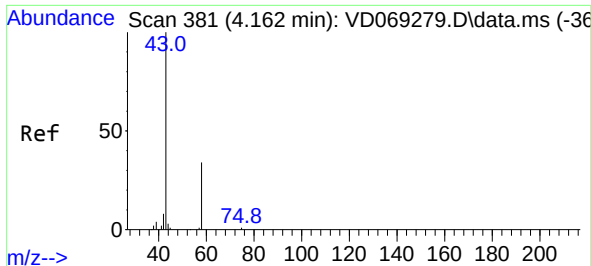
Tgt Ion:168 Resp: 305100
Ion Ratio Lower Upper
168 100
99 55.5 46.2 69.2



#7
Trichlorofluoromethane
Concen: 10.545 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.000 min
Lab File: VD069331.D
Acq: 03 Jun 2021 18:07

Tgt Ion:101 Resp: 60584
Ion Ratio Lower Upper
101 100
103 59.2 51.0 76.4

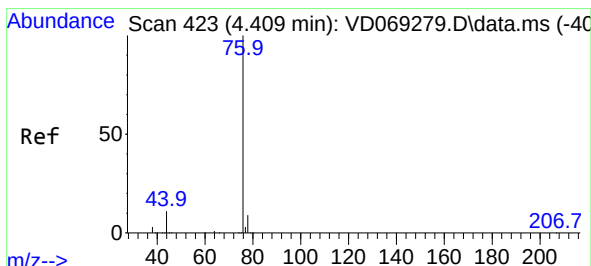
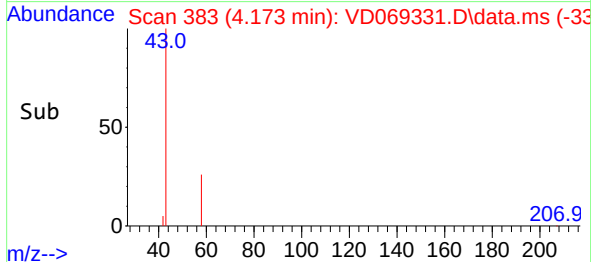
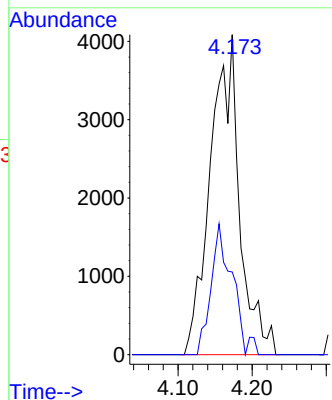
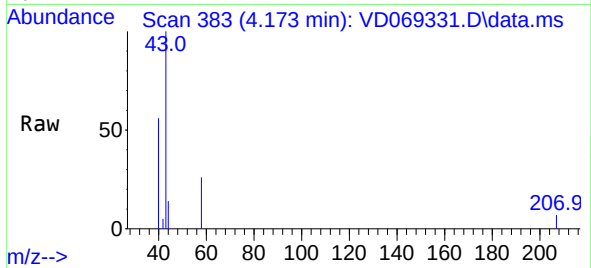




#16
Acetone
Concen: 21.825 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.011 min
Lab File: VD069331.D
Acq: 03 Jun 2021 18:07

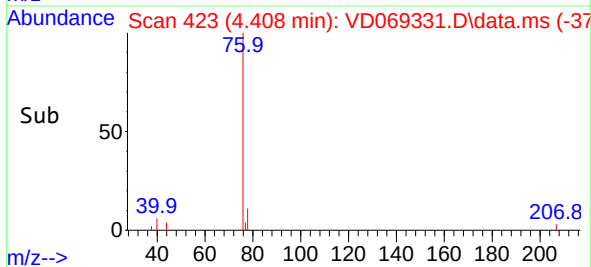
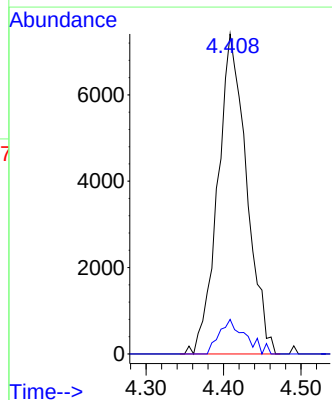
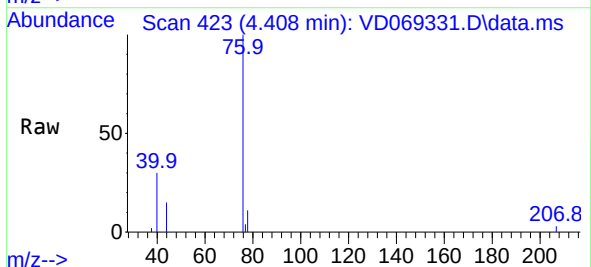
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-074-B

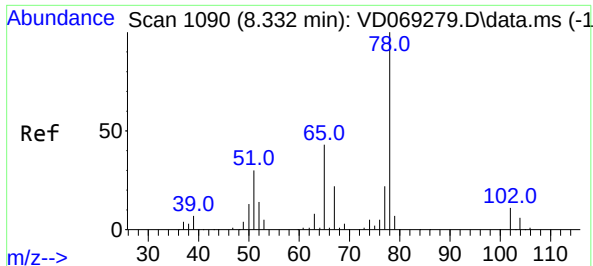
Tgt Ion: 43 Resp: 11150
Ion Ratio Lower Upper
43 100
58 25.9 27.5 41.3#



#17
Carbon Disulfide
Concen: 1.895 ug/l
RT: 4.408 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069331.D
Acq: 03 Jun 2021 18:07

Tgt Ion: 76 Resp: 19181
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.0

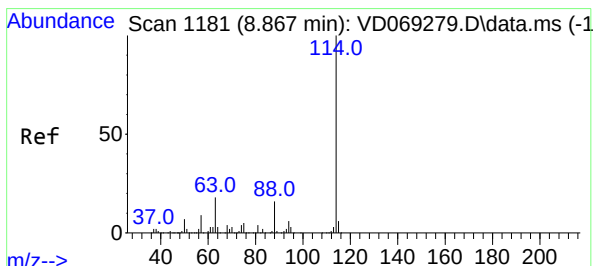
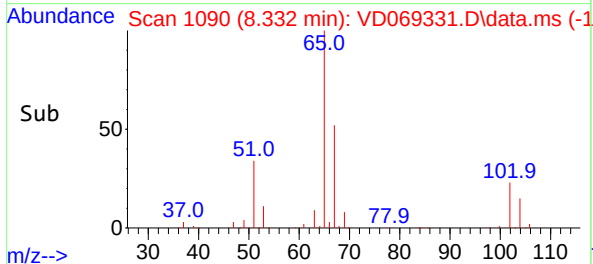
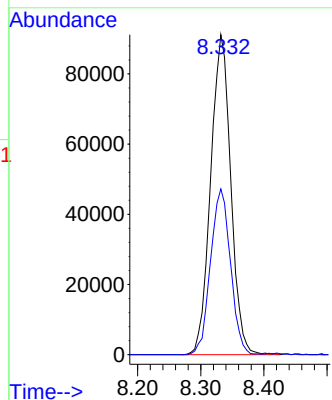
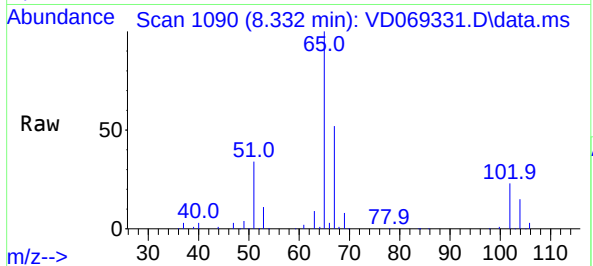




#33
1,2-Dichloroethane-d4
Concen: 68.896 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069331.D
Acq: 03 Jun 2021 18:07

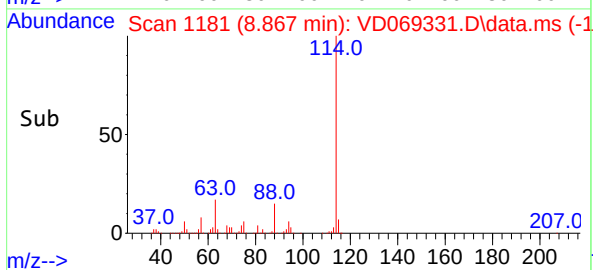
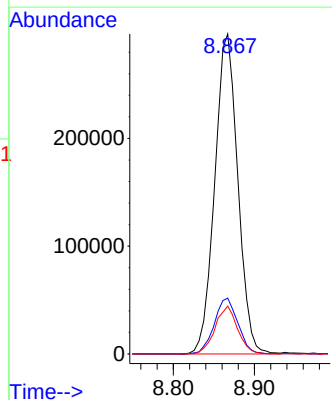
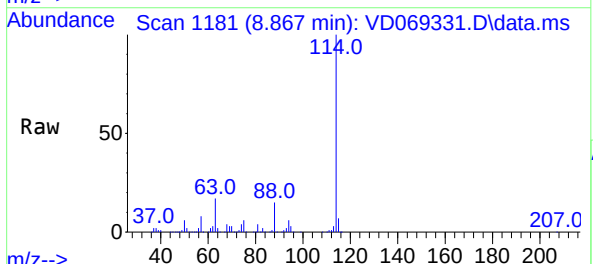
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-074-B

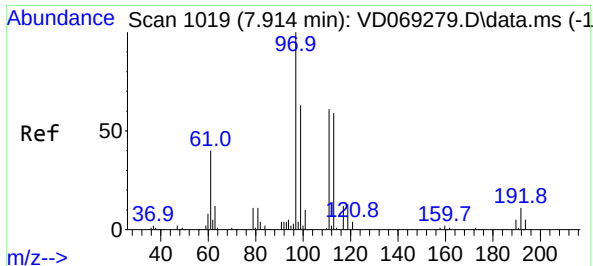
Tgt Ion: 65 Resp: 201693
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD069331.D
Acq: 03 Jun 2021 18:07

Tgt Ion:114 Resp: 586729
Ion Ratio Lower Upper
114 100
63 17.5 0.0 35.6
88 14.9 0.0 31.2



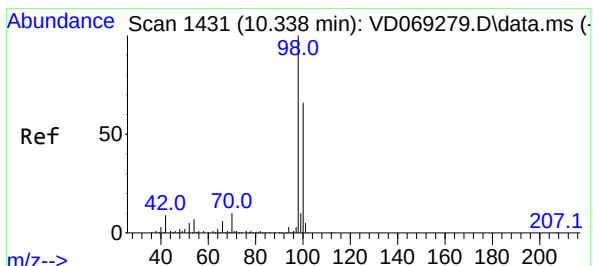
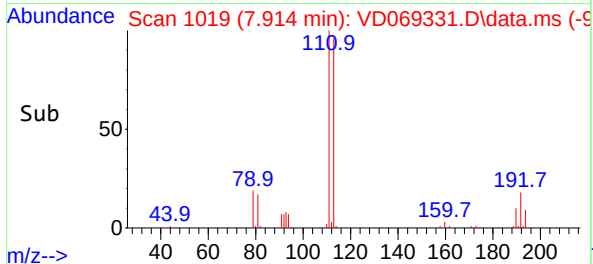
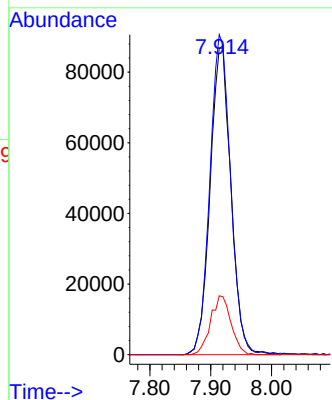
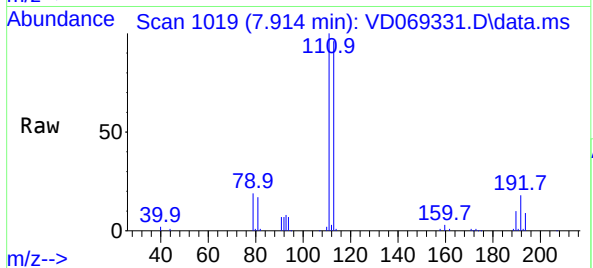


#35

Dibromofluoromethane
Concen: 56.188 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069331.D
Acq: 03 Jun 2021 18:07

Instrument :
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ClientSampleId :
FK-GF-02-074-B

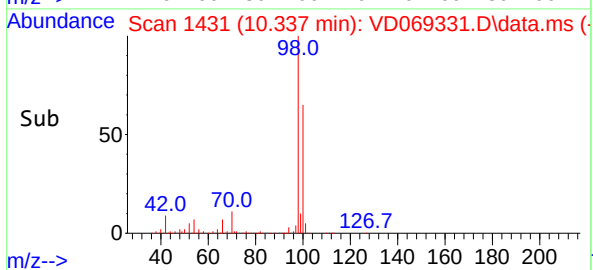
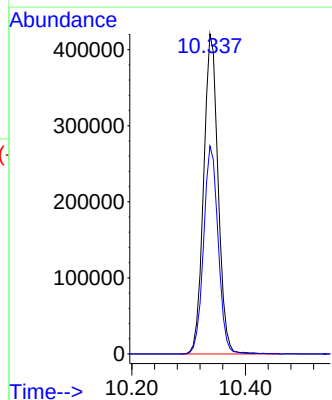
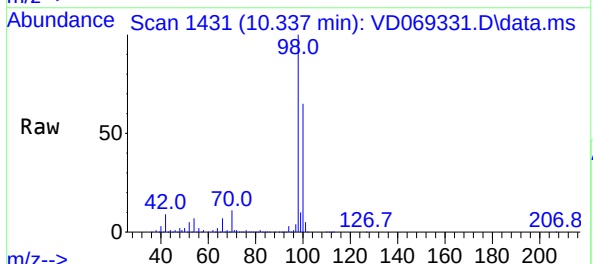
Tgt Ion:113 Resp: 207027
Ion Ratio Lower Upper
113 100
111 103.1 83.0 124.6
192 18.8 15.1 22.7

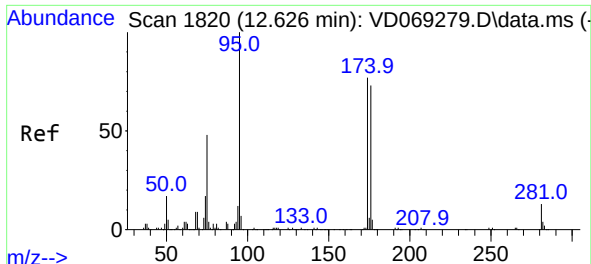


#50

Toluene-d8
Concen: 55.383 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069331.D
Acq: 03 Jun 2021 18:07

Tgt Ion: 98 Resp: 742036
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1

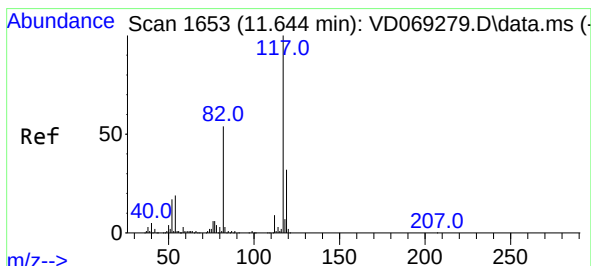
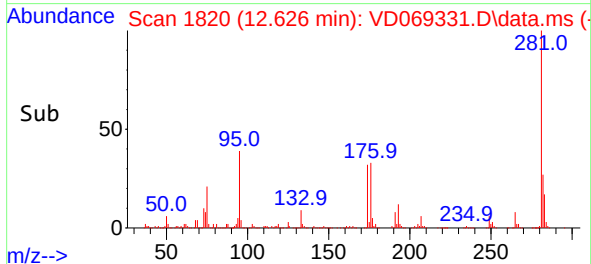
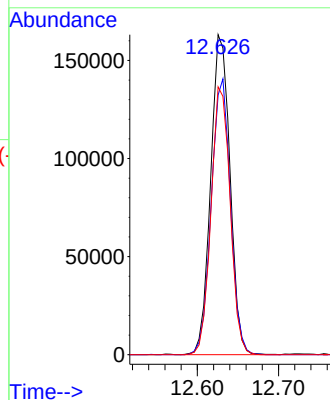
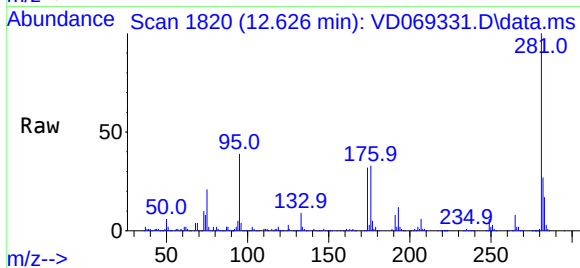




#62
4-Bromofluorobenzene
Concen: 61.392 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069331.D
Acq: 03 Jun 2021 18:07

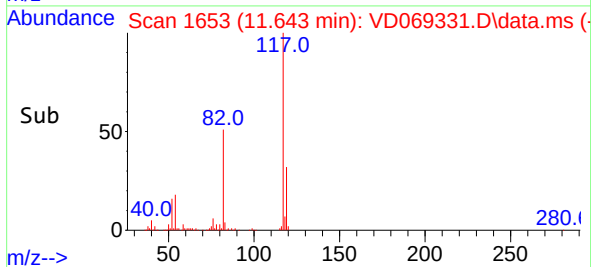
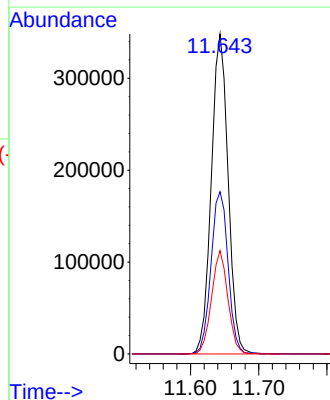
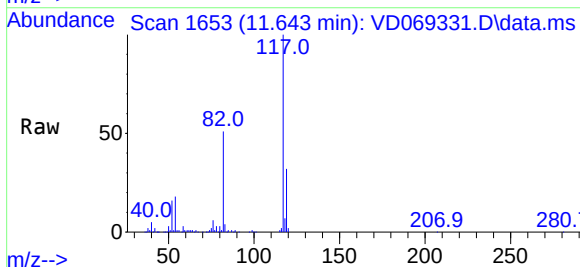
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-074-B

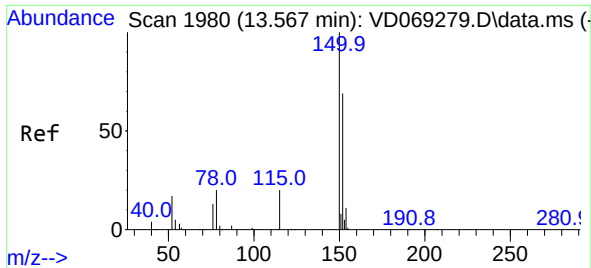
Tgt Ion: 95 Resp: 269524
Ion Ratio Lower Upper
95 100
174 85.7 0.0 162.8
176 82.7 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069331.D
Acq: 03 Jun 2021 18:07

Tgt Ion: 117 Resp: 597321
Ion Ratio Lower Upper
117 100
82 50.7 43.3 64.9
119 32.3 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: VD069331.D
 Acq: 03 Jun 2021 18:07

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-074-B

Tgt Ion:152 Resp: 268371

Ion	Ratio	Lower	Upper
152	100		
115	57.2	29.4	88.3
150	155.9	0.0	355.0

