

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
 Data File : VD069329.D
 Acq On : 03 Jun 2021 17:10
 Operator : VA/SY
 Sample : M2587-04
 Misc : 6.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-073-B

Quant Time: Jun 04 09:36:34 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)

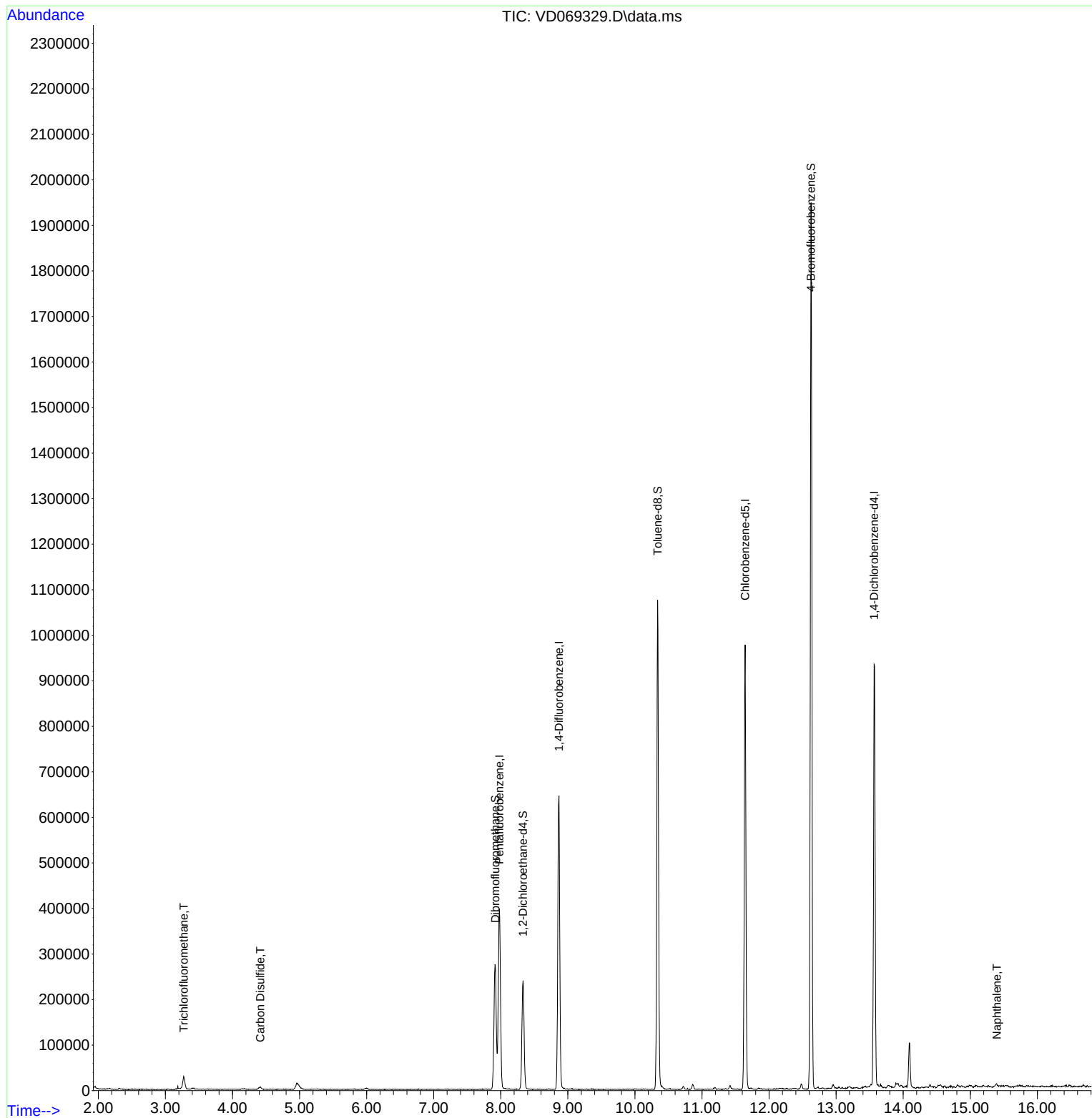
Internal Standards						
1) Pentafluorobenzene	7.979	168	298831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	580989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	586331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	259335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	192931	67.286	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 134.580%			
35) Dibromofluoromethane	7.920	113	205623	56.359	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.720%			
50) Toluene-d8	10.338	98	740271	55.797	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.600%			
62) 4-Bromofluorobenzene	12.626	95	266411	61.282	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 122.560%			
Target Compounds						
7) Trichlorofluoromethane	3.273	101	27632	4.911	ug/l	97
17) Carbon Disulfide	4.414	76	10700	1.080	ug/l #	77
95) Naphthalene	15.396	128	7364	4.079	ug/l #	95

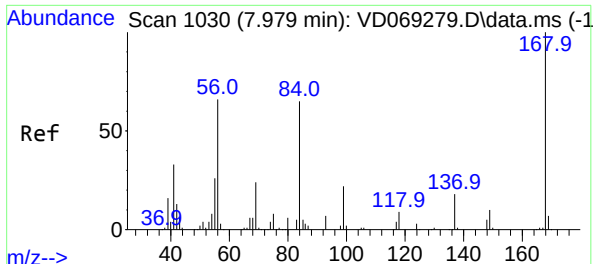
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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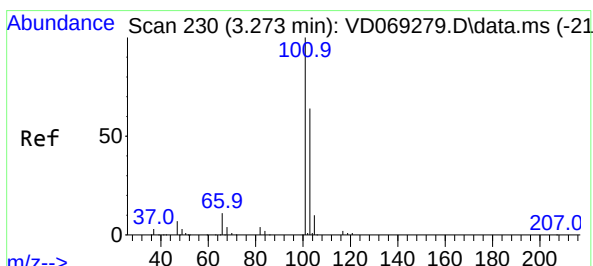
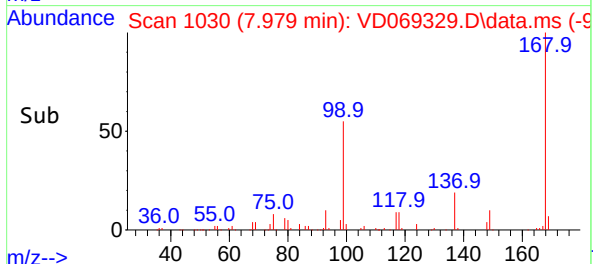
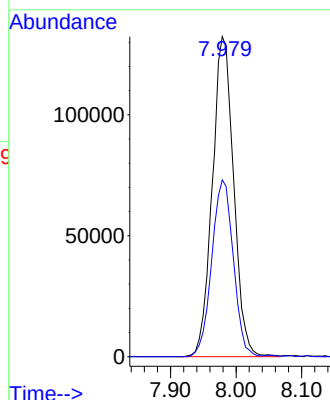
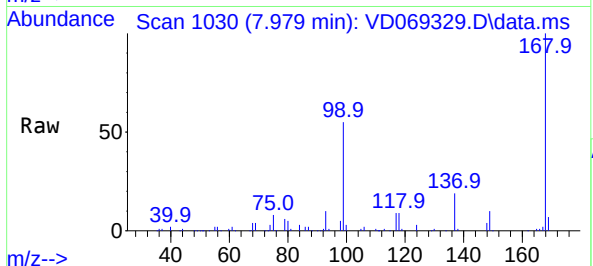




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069329.D
Acq: 03 Jun 2021 17:10

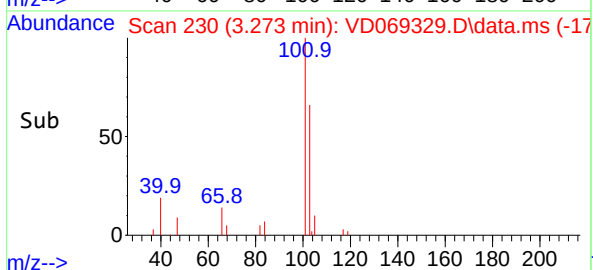
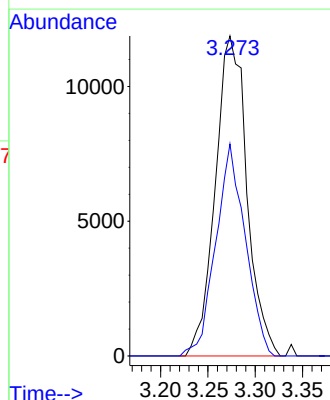
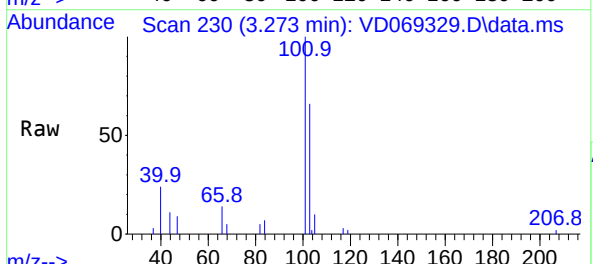
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-073-B

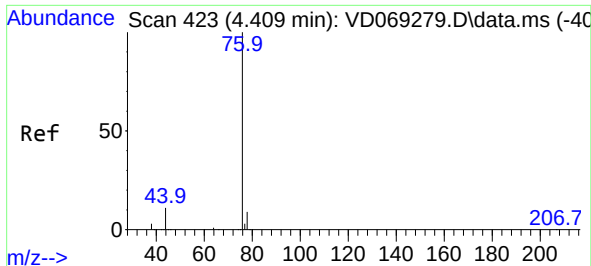
Tgt Ion:168 Resp: 298831
Ion Ratio Lower Upper
168 100
99 55.2 46.2 69.2



#7
Trichlorofluoromethane
Concen: 4.911 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.000 min
Lab File: VD069329.D
Acq: 03 Jun 2021 17:10

Tgt Ion:101 Resp: 27632
Ion Ratio Lower Upper
101 100
103 66.2 51.0 76.4

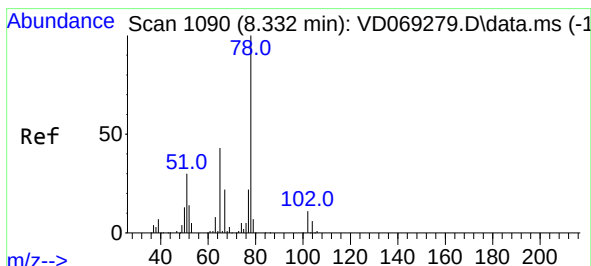
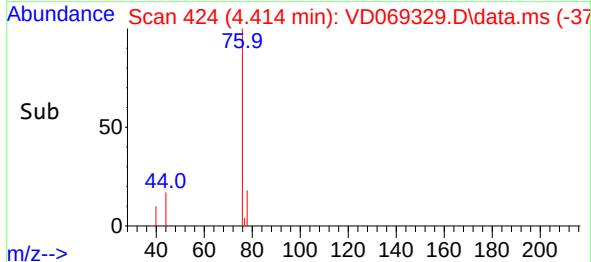
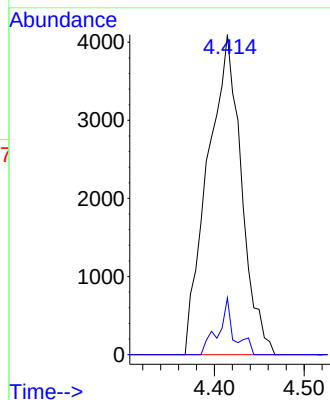
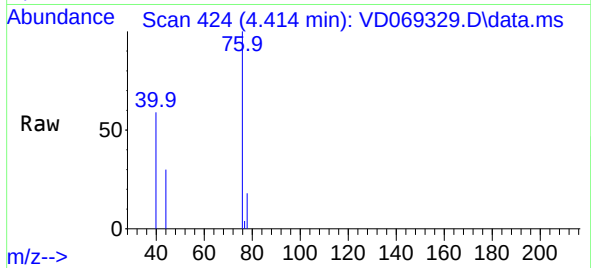




#17
Carbon Disulfide
Concen: 1.080 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD069329.D
Acq: 03 Jun 2021 17:10

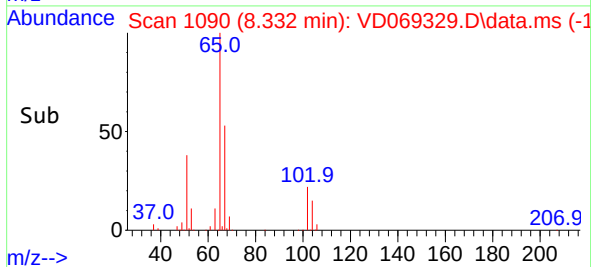
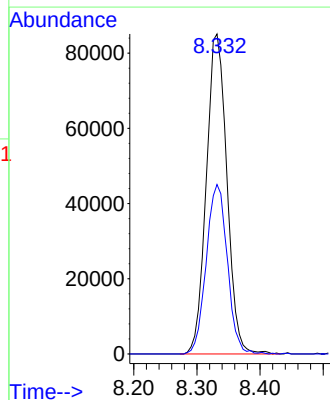
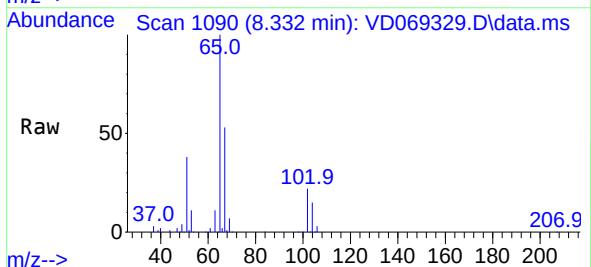
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-073-B

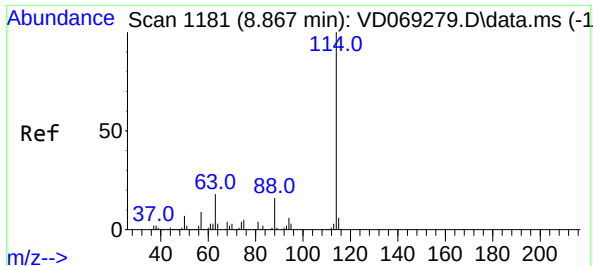
Tgt Ion: 76 Resp: 10700
Ion Ratio Lower Upper
76 100
78 17.7 7.4 11.0#



#33
1,2-Dichloroethane-d4
Concen: 67.286 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069329.D
Acq: 03 Jun 2021 17:10

Tgt Ion: 65 Resp: 192931
Ion Ratio Lower Upper
65 100
67 54.1 0.0 105.8



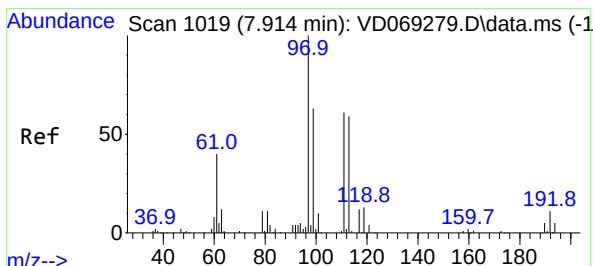
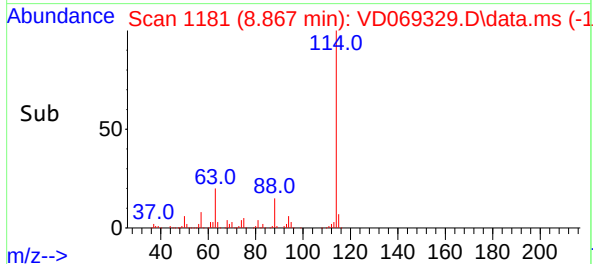
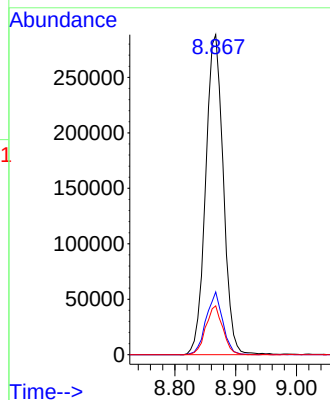
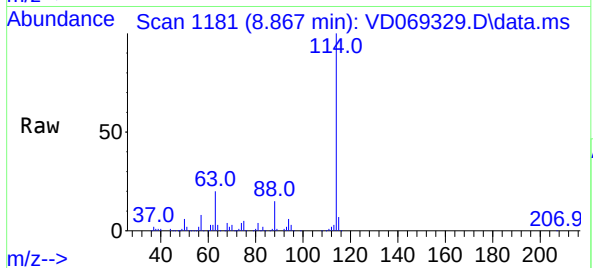


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069329.D
Acq: 03 Jun 2021 17:10

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-073-B

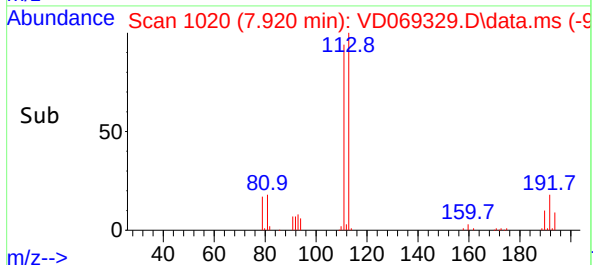
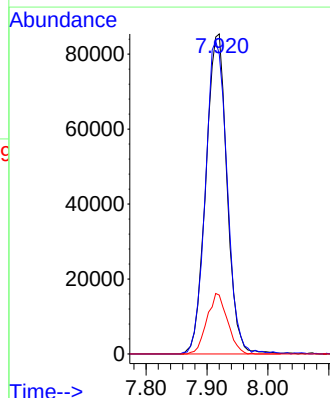
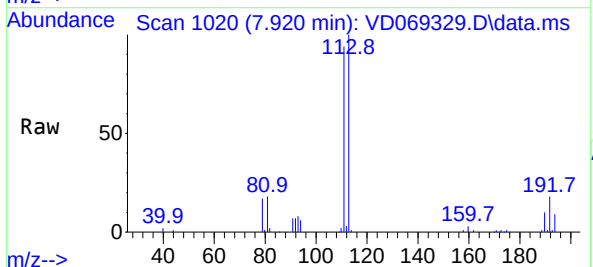
Tgt Ion:	114	Resp:	580989
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	35.6
88	15.3	0.0	31.2

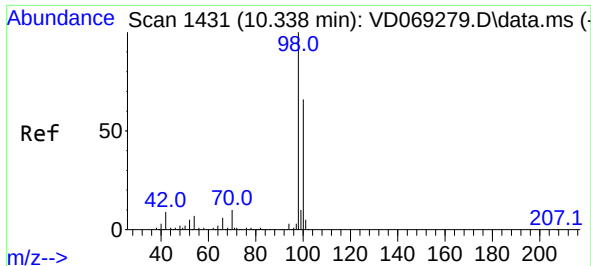


#35

Dibromofluoromethane
Concen: 56.359 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD069329.D
Acq: 03 Jun 2021 17:10

Tgt Ion:	113	Resp:	205623
Ion	Ratio	Lower	Upper
113	100		
111	100.0	83.0	124.6
192	18.4	15.1	22.7

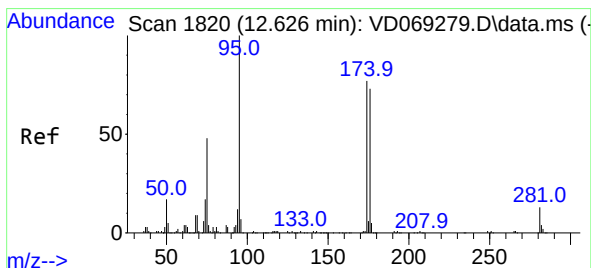
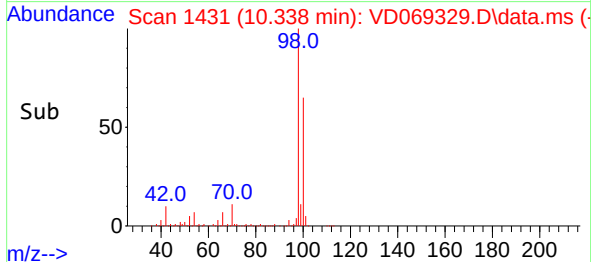
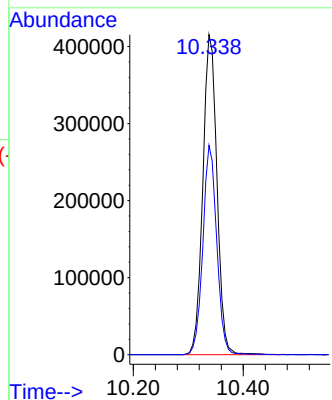
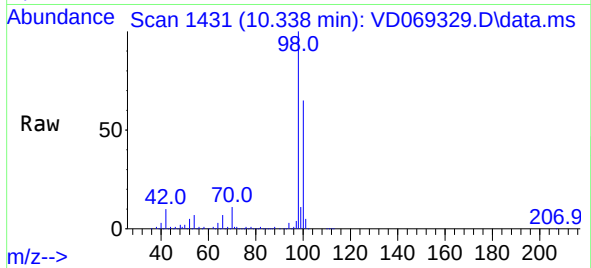




#50
Toluene-d8
Concen: 55.797 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069329.D
Acq: 03 Jun 2021 17:10

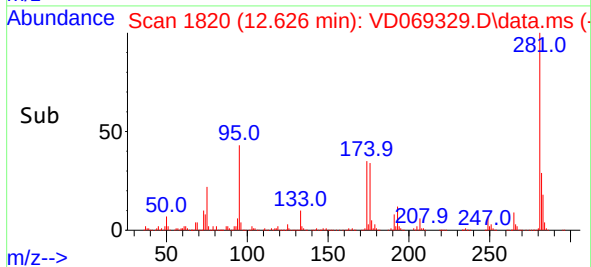
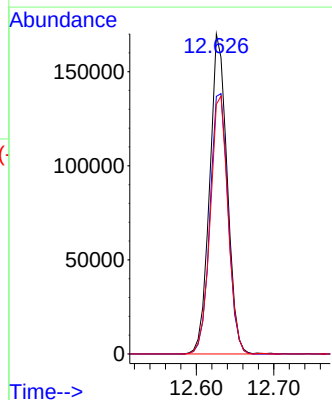
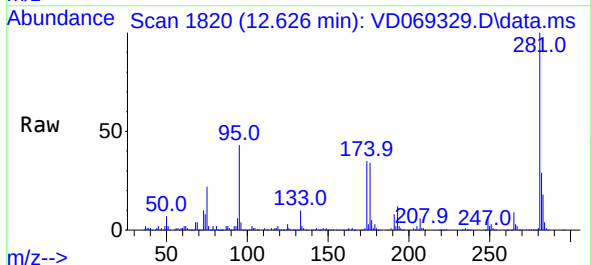
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-073-B

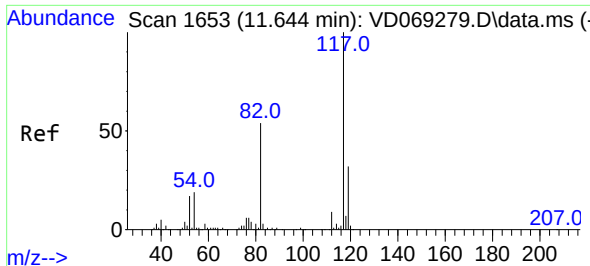
Tgt Ion: 98 Resp: 740271
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 61.282 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069329.D
Acq: 03 Jun 2021 17:10

Tgt Ion: 95 Resp: 266411
Ion Ratio Lower Upper
95 100
174 83.8 0.0 162.8
176 81.5 0.0 154.4

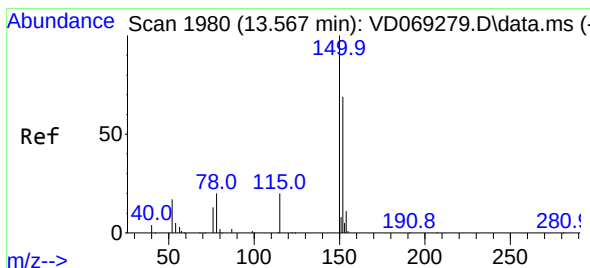
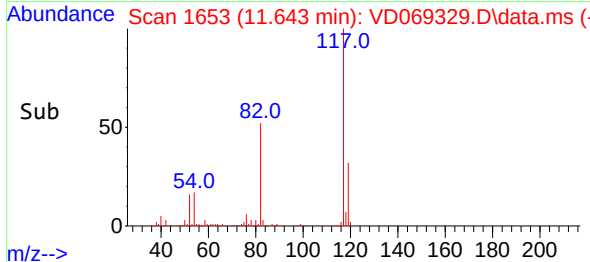
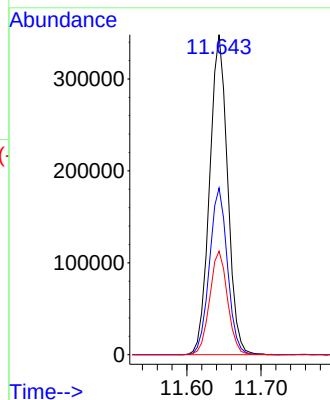
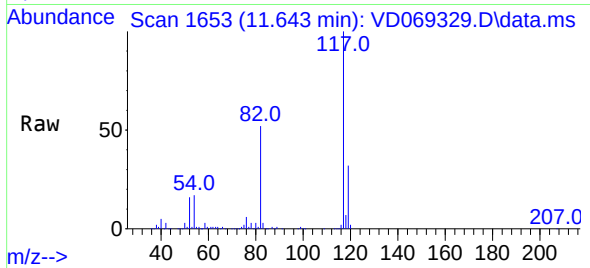




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069329.D
Acq: 03 Jun 2021 17:10

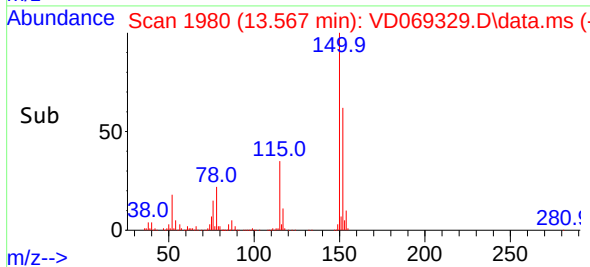
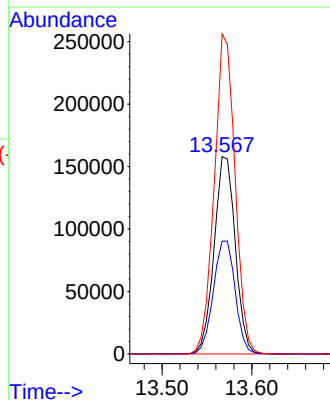
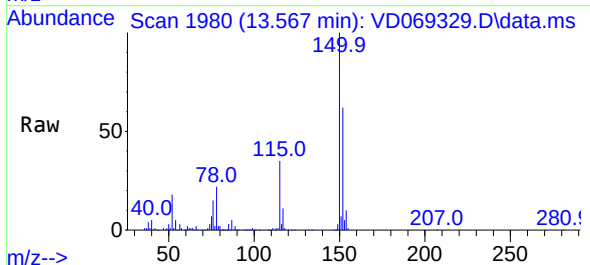
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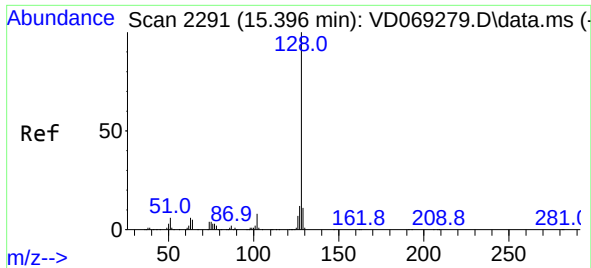
Tgt Ion:	117	Resp:	586331
Ion	Ratio	Lower	Upper
117	100		
82	52.1	43.3	64.9
119	32.3	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069329.D
Acq: 03 Jun 2021 17:10

Tgt Ion:	152	Resp:	259335
Ion	Ratio	Lower	Upper
152	100		
115	59.3	29.4	88.3
150	159.2	0.0	355.0





#95
Naphthalene
Concen: 4.079 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD069329.D
Acq: 03 Jun 2021 17:10

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-073-B

Tgt Ion:128 Resp: 7364
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 6.7 8.8 13.2#

