

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
 Data File : VD069328.D
 Acq On : 03 Jun 2021 16:42
 Operator : VA/SY
 Sample : M2587-02
 Misc : 6.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jun 04 10:07:58 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)

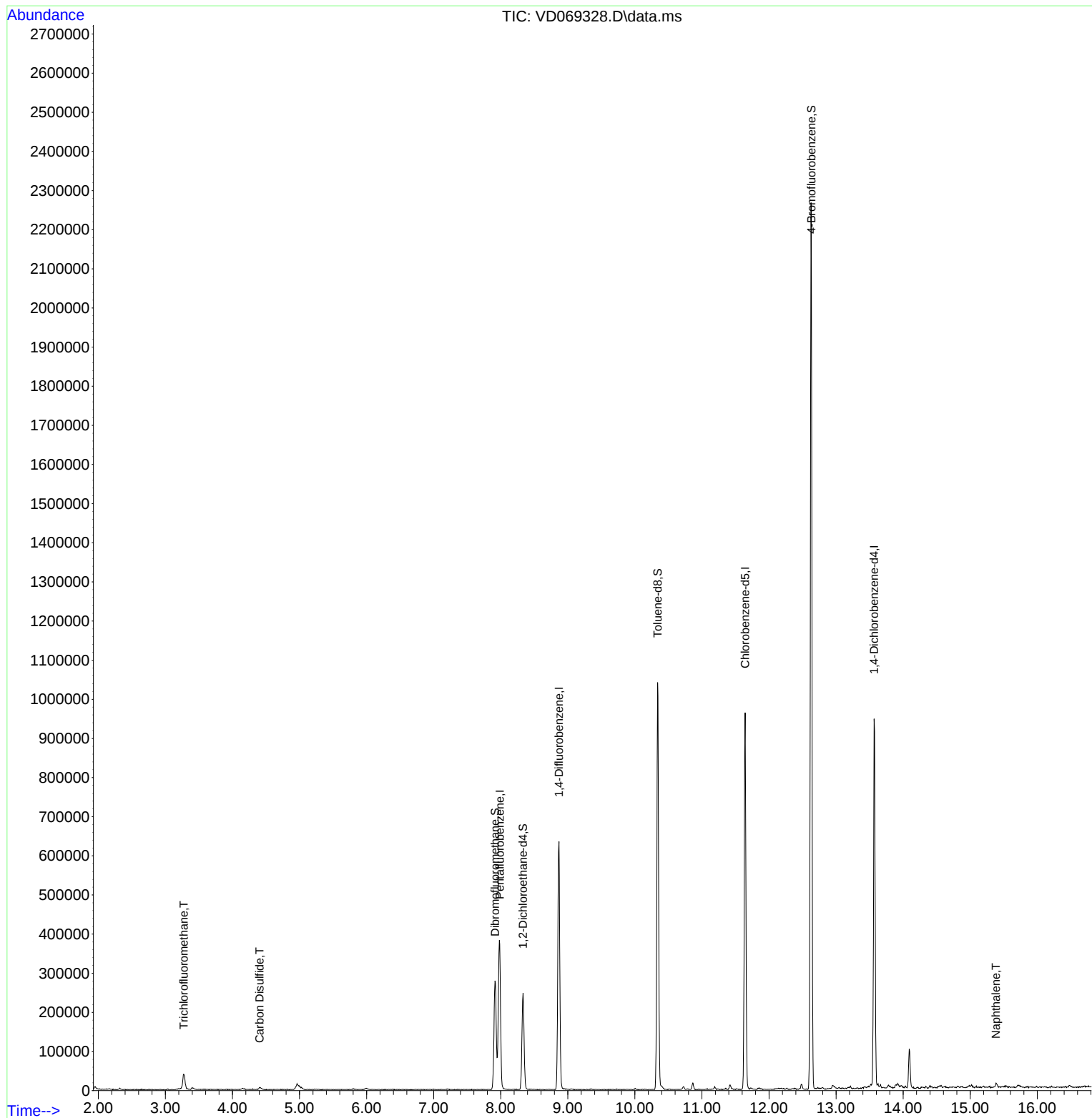
Internal Standards						
1) Pentafluorobenzene	7.985	168	292122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	572487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	578912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	258477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	191253	68.232	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.460%	
35) Dibromofluoromethane	7.914	113	202848	56.424	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.840%	
50) Toluene-d8	10.338	98	730628	55.888	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.780%	
62) 4-Bromofluorobenzene	12.632	95	268063	62.578	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 125.160%	
Target Compounds						Qvalue
7) Trichlorofluoromethane	3.274	101	42779	7.777	ug/l	96
17) Carbon Disulfide	4.403	76	11862	1.224	ug/l #	95
95) Naphthalene	15.385	128	9980	4.359	ug/l	99

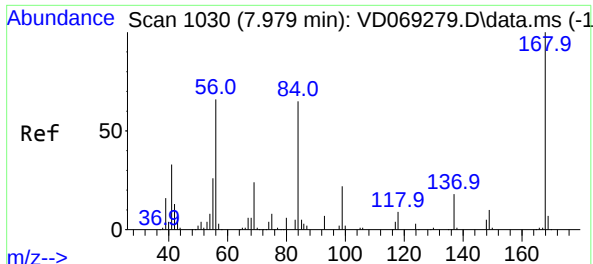
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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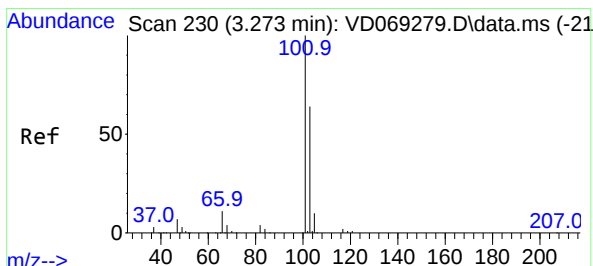
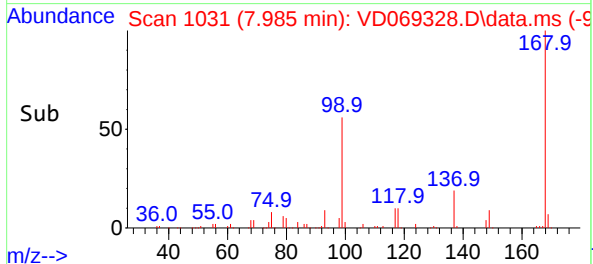
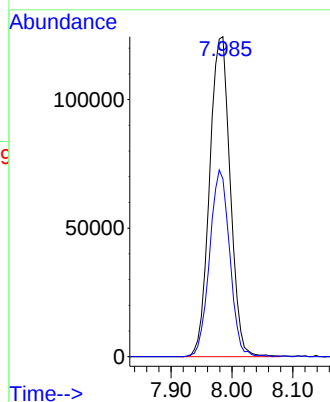
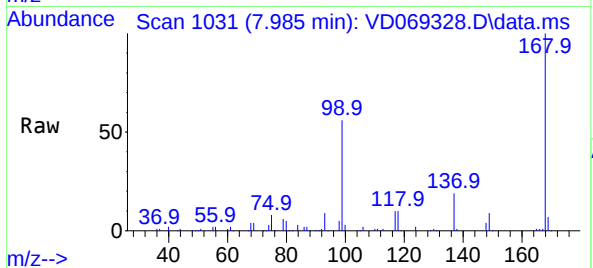




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD069328.D
Acq: 03 Jun 2021 16:42

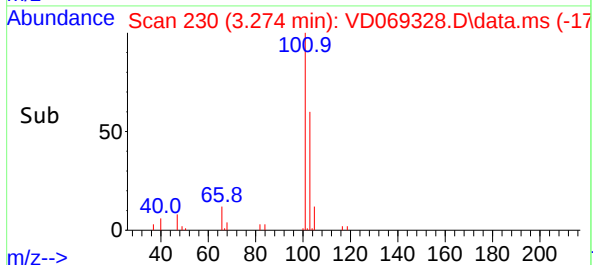
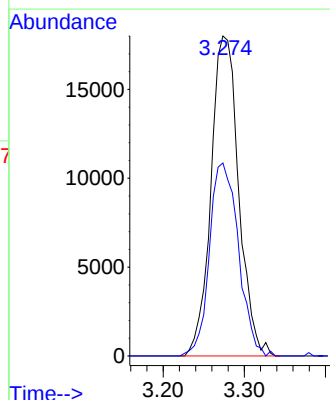
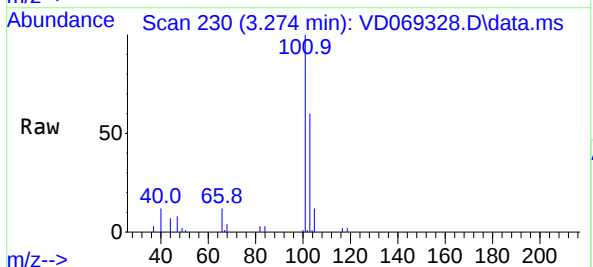
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-073-A

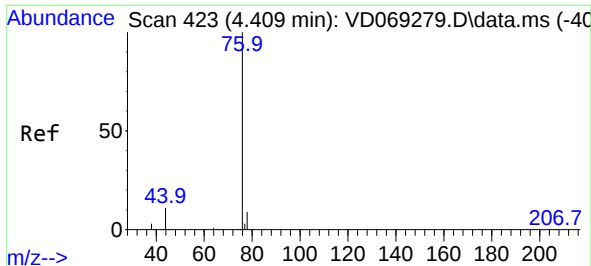
Tgt Ion:168 Resp: 292122
Ion Ratio Lower Upper
168 100
99 55.6 46.2 69.2



#7
Trichlorofluoromethane
Concen: 7.777 ug/l
RT: 3.274 min Scan# 230
Delta R.T. 0.000 min
Lab File: VD069328.D
Acq: 03 Jun 2021 16:42

Tgt Ion:101 Resp: 42779
Ion Ratio Lower Upper
101 100
103 60.3 51.0 76.4

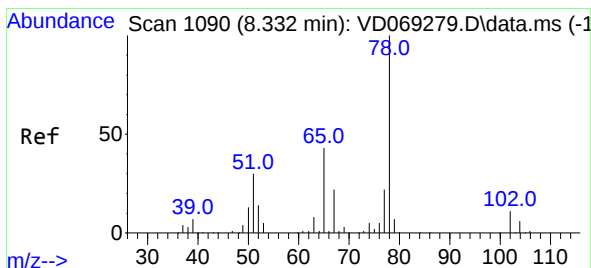
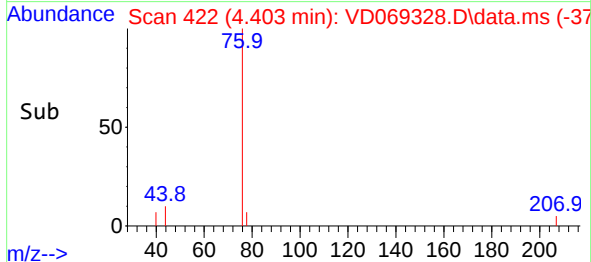
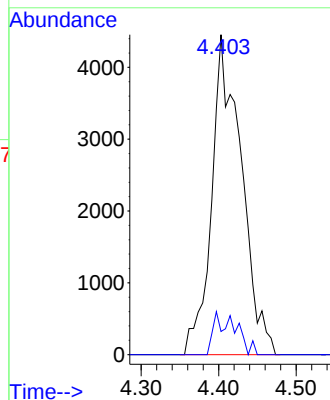
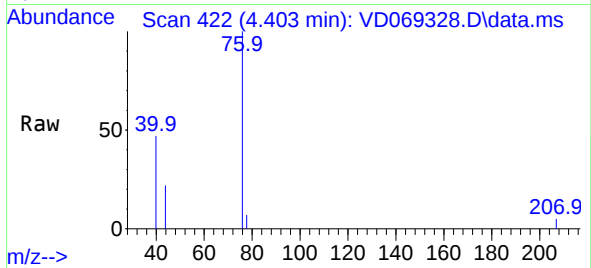




#17
Carbon Disulfide
Concen: 1.224 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD069328.D
Acq: 03 Jun 2021 16:42

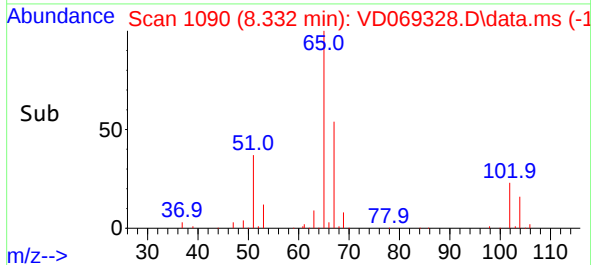
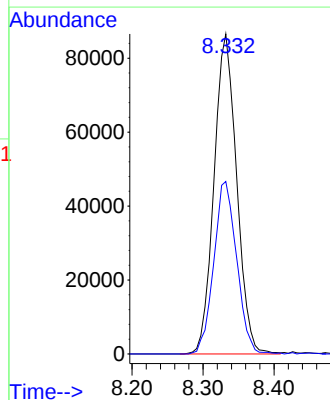
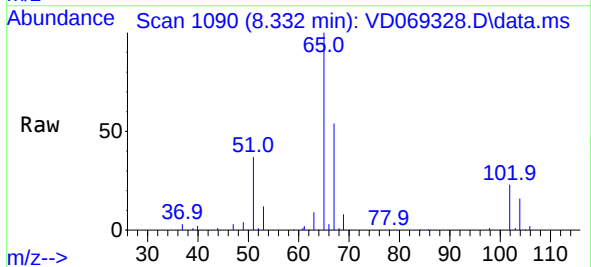
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-073-A

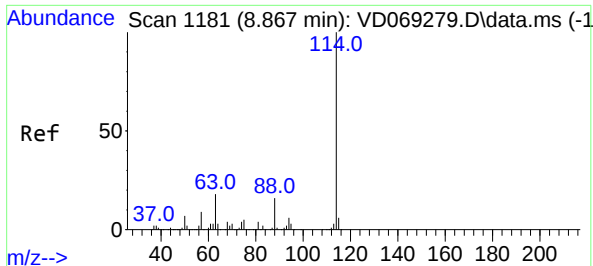
Tgt Ion: 76 Resp: 11862
Ion Ratio Lower Upper
76 100
78 7.2 7.4 11.0#



#33
1,2-Dichloroethane-d4
Concen: 68.232 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069328.D
Acq: 03 Jun 2021 16:42

Tgt Ion: 65 Resp: 191253
Ion Ratio Lower Upper
65 100
67 54.5 0.0 105.8

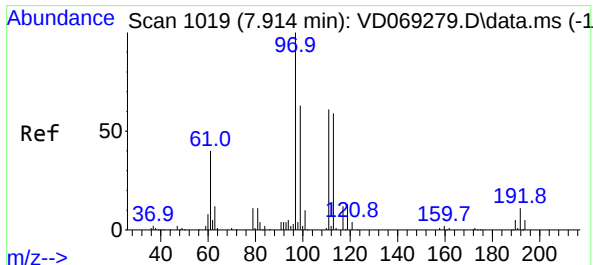
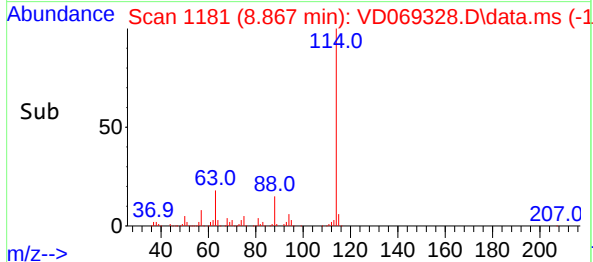
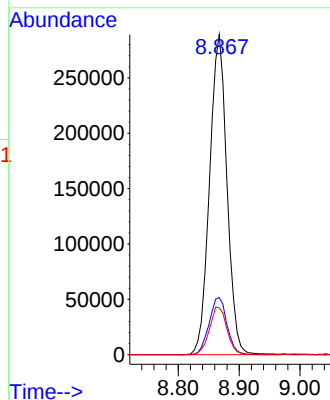
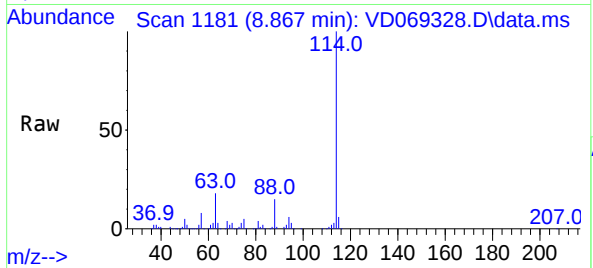




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069328.D
Acq: 03 Jun 2021 16:42

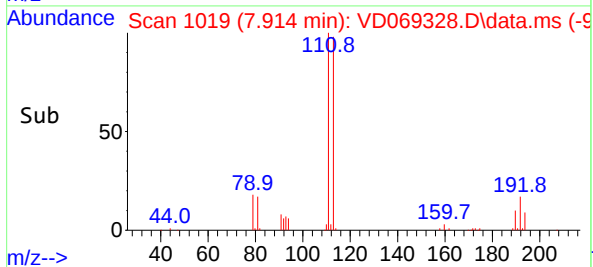
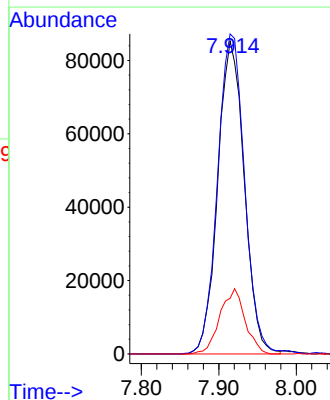
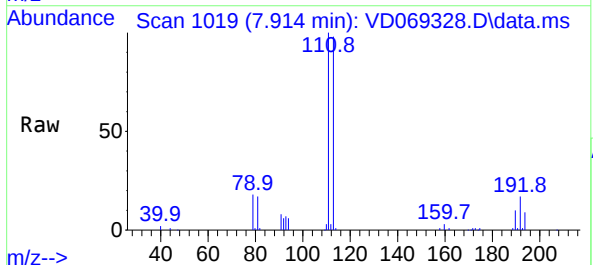
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-073-A

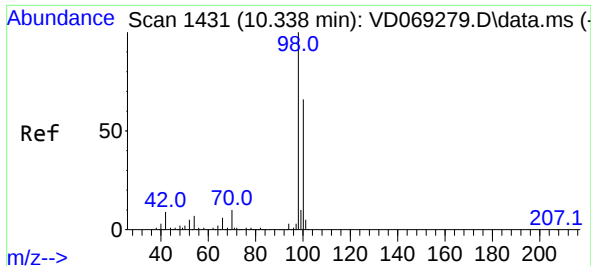
Tgt Ion:	114	Resp:	572487
Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	35.6
88	14.6	0.0	31.2



#35
Dibromofluoromethane
Concen: 56.424 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069328.D
Acq: 03 Jun 2021 16:42

Tgt Ion:	113	Resp:	202848
Ion	Ratio	Lower	Upper
113	100		
111	104.5	83.0	124.6
192	19.8	15.1	22.7

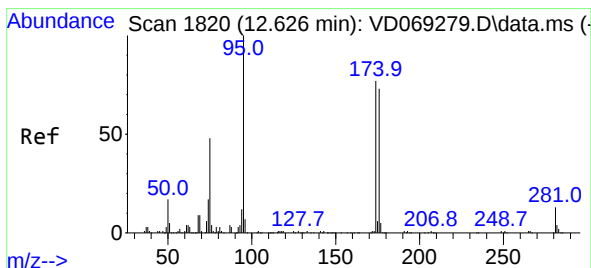
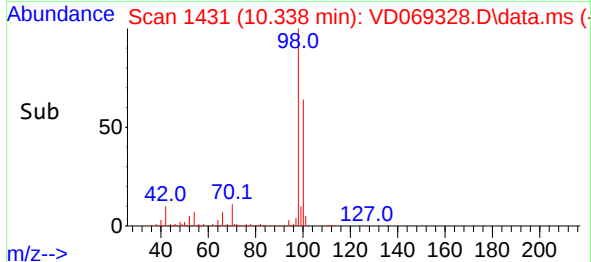
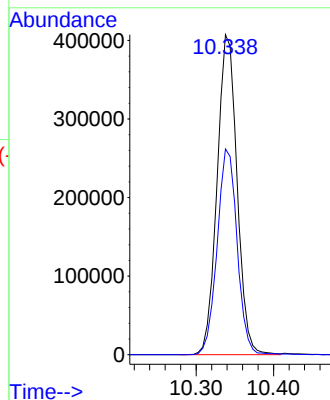
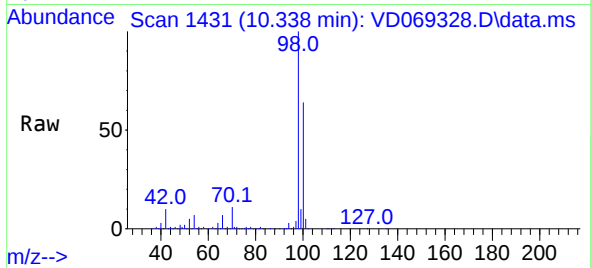




#50
Toluene-d8
Concen: 55.888 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069328.D
Acq: 03 Jun 2021 16:42

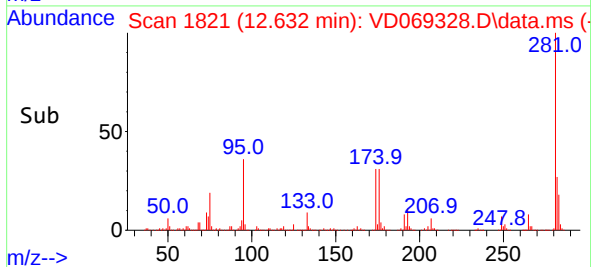
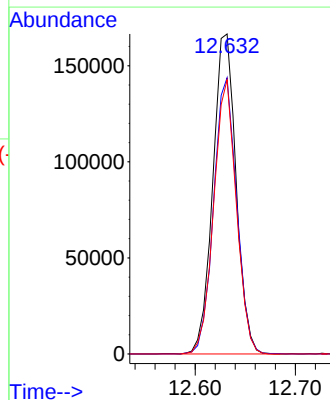
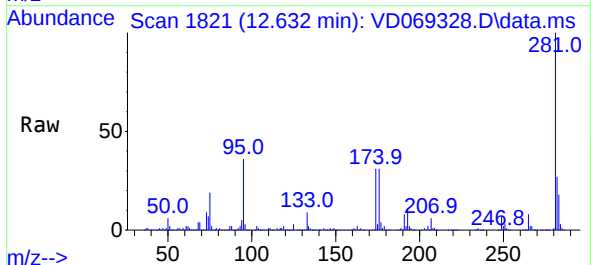
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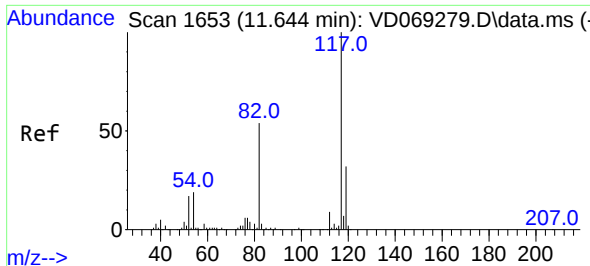
Tgt Ion: 98 Resp: 730628
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 62.578 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069328.D
Acq: 03 Jun 2021 16:42

Tgt Ion: 95 Resp: 268063
Ion Ratio Lower Upper
95 100
174 85.6 0.0 162.8
176 83.2 0.0 154.4

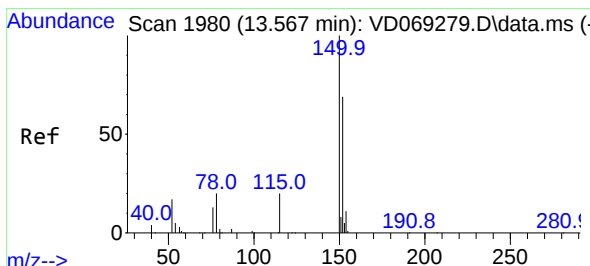
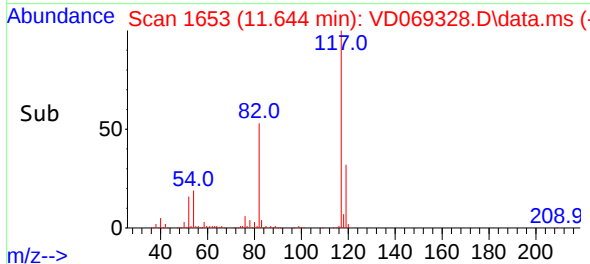
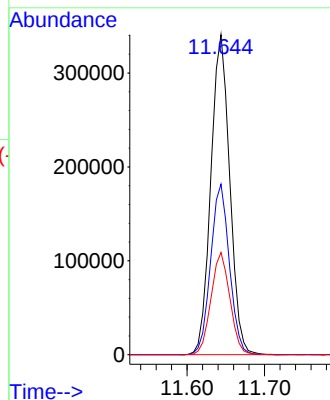
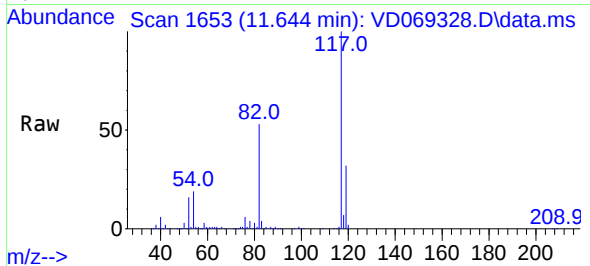




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069328.D
Acq: 03 Jun 2021 16:42

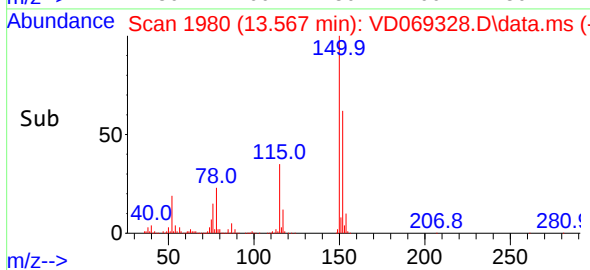
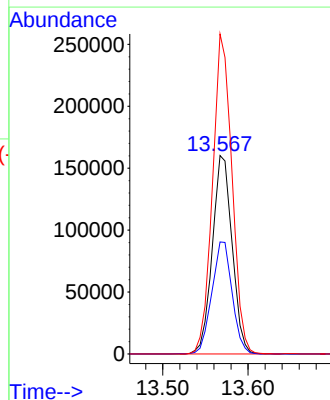
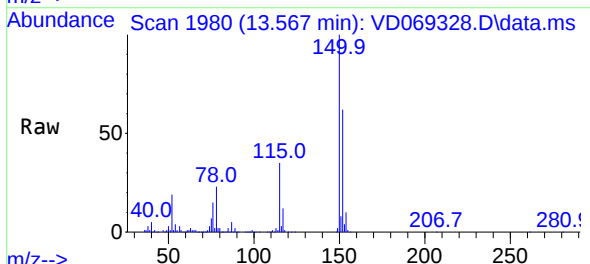
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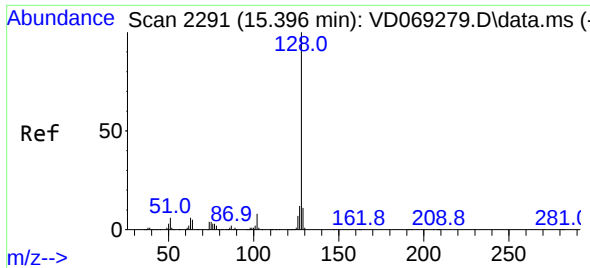
Tgt Ion:	117	Resp:	578912
Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.3	64.9
119	32.0	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069328.D
Acq: 03 Jun 2021 16:42

Tgt Ion:	152	Resp:	258477
Ion	Ratio	Lower	Upper
152	100		
115	58.0	29.4	88.3
150	158.4	0.0	355.0





#95
Naphthalene
Concen: 4.359 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.011 min
Lab File: VD069328.D
Acq: 03 Jun 2021 16:42

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

Tgt Ion:	128	Resp:	9980
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.4	15.6
129	10.9	8.8	13.2

