

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071621\
 Data File : VD069728.D
 Acq On : 16 Jul 2021 16:36
 Operator : VA/SY
 Sample : M3029-05
 Misc : 4.60G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RVR-CF02-01

Quant Time: Jul 17 00:54:11 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)

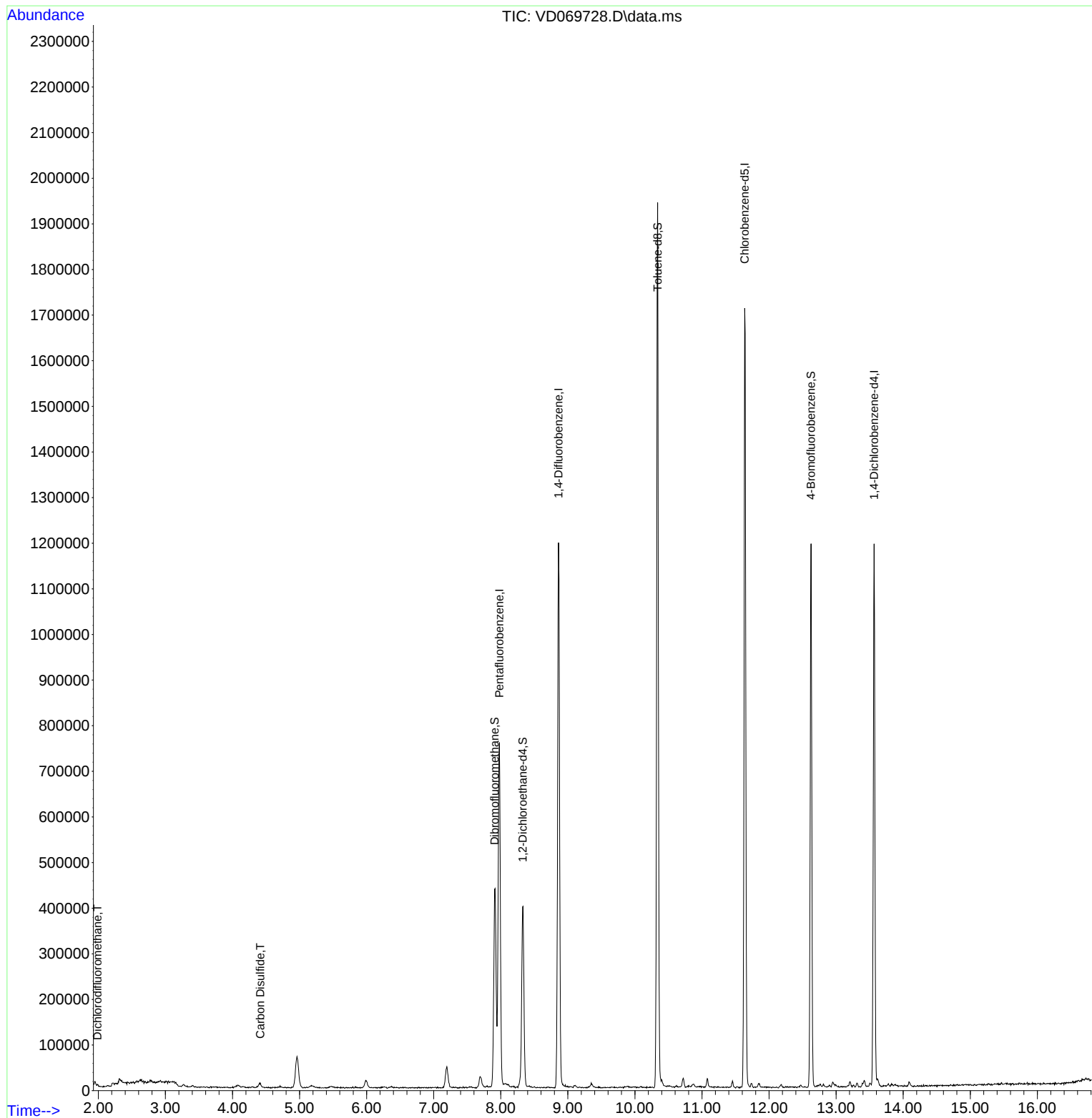
Internal Standards						
1) Pentafluorobenzene	7.979	168	531473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1011511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1005779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	309715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	317214	47.801	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.600%
35) Dibromofluoromethane	7.908	113	331335	48.826	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.660%
50) Toluene-d8	10.338	98	1293608	49.068	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.140%
62) 4-Bromofluorobenzene	12.626	95	398517	45.324	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	2717	1.104	ug/l	86
17) Carbon Disulfide	4.414	76	18722	1.343	ug/l #	94

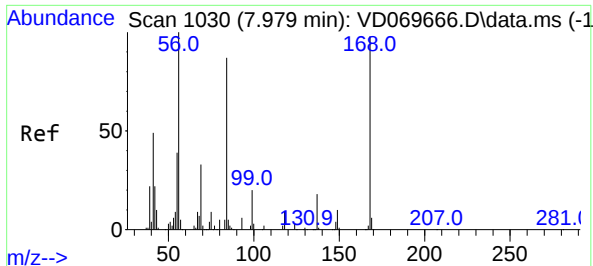
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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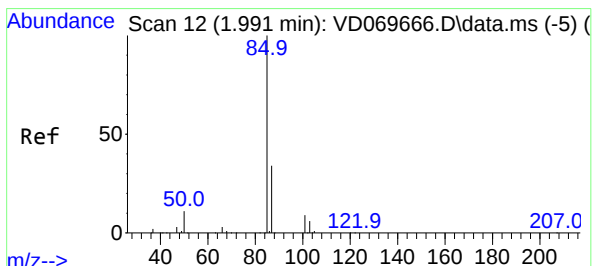
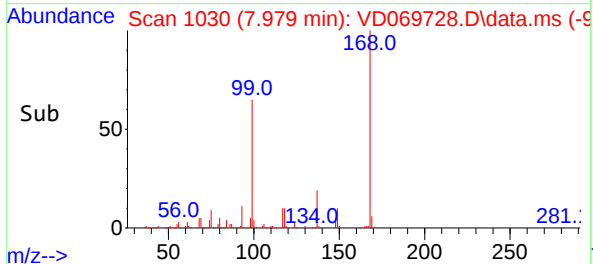
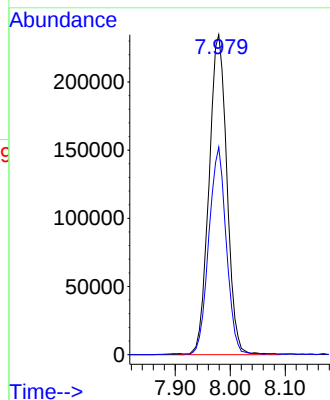
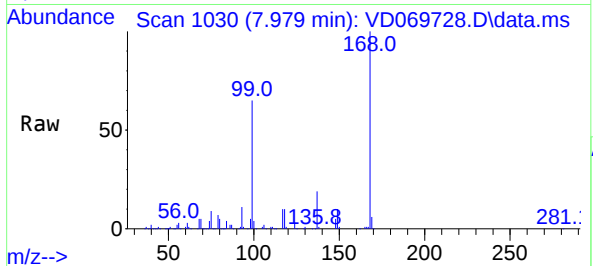




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069728.D
Acq: 16 Jul 2021 16:36

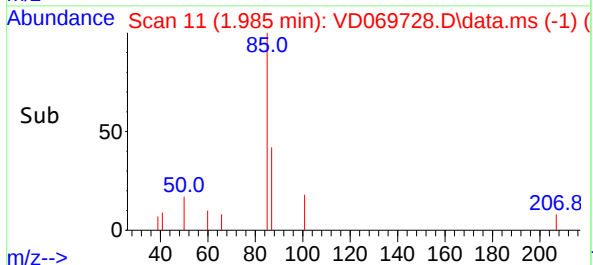
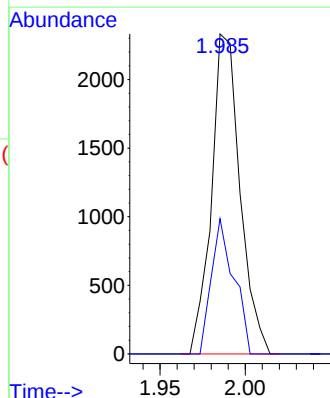
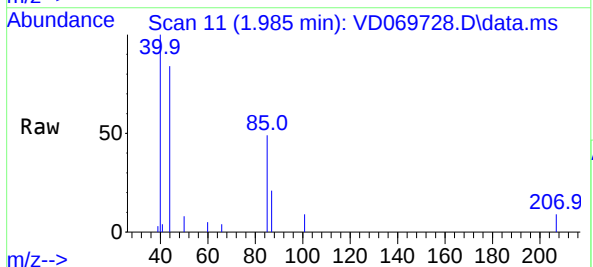
Instrument :
MSVOA_D
ClientSampleId :
RVR-CF02-01

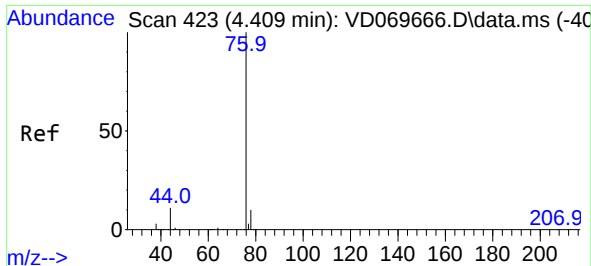
Tgt Ion:168 Resp: 531473
Ion Ratio Lower Upper
168 100
99 64.7 51.8 77.6



#2
Dichlorodifluoromethane
Concen: 1.104 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD069728.D
Acq: 16 Jul 2021 16:36

Tgt Ion: 85 Resp: 2717
Ion Ratio Lower Upper
85 100
87 42.2 17.0 51.0

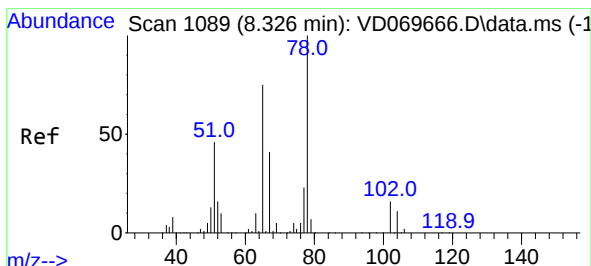
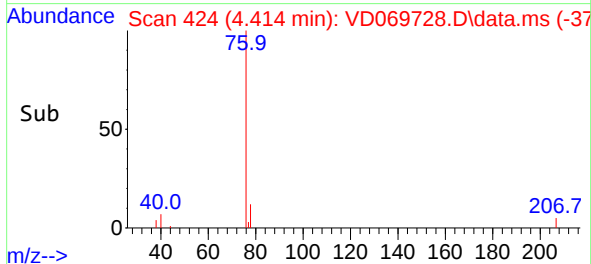
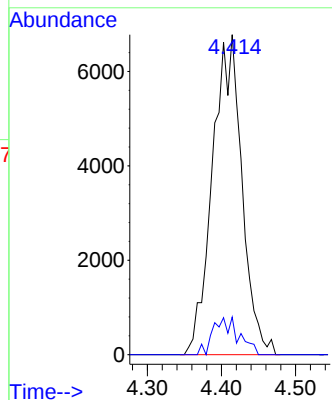
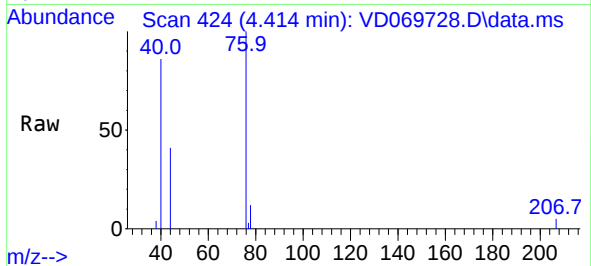




#17
Carbon Disulfide
Concen: 1.343 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.005 min
Lab File: VD069728.D
Acq: 16 Jul 2021 16:36

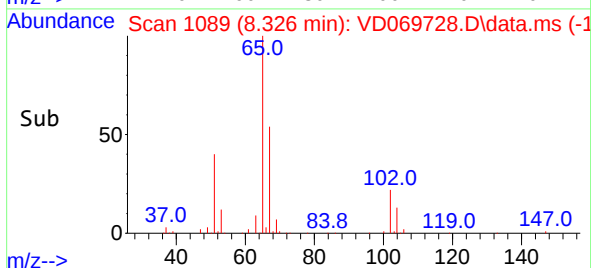
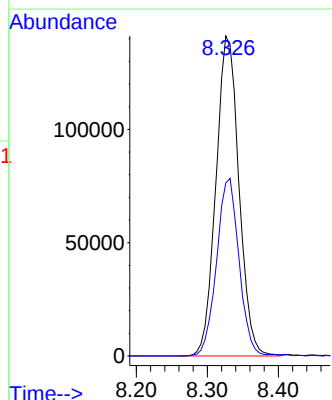
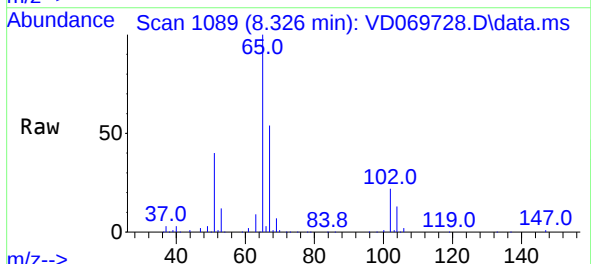
Instrument :
MSVOA_D
ClientSampleId :
RVR-CF02-01

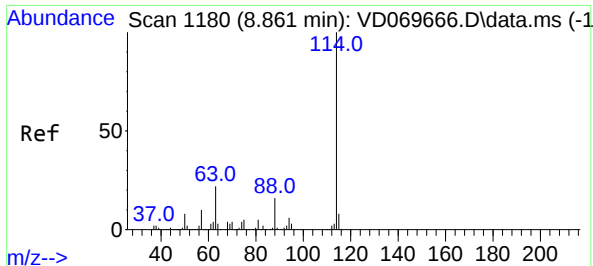
Tgt Ion: 76 Resp: 18722
Ion Ratio Lower Upper
76 100
78 11.8 7.6 11.4#



#33
1,2-Dichloroethane-d4
Concen: 47.801 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069728.D
Acq: 16 Jul 2021 16:36

Tgt Ion: 65 Resp: 317214
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.2



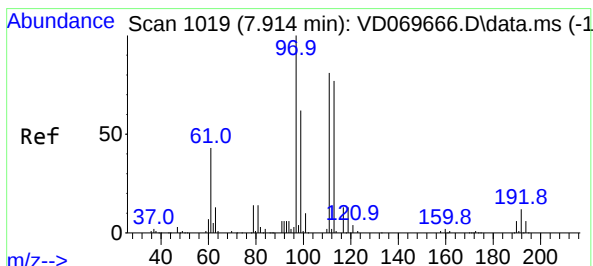
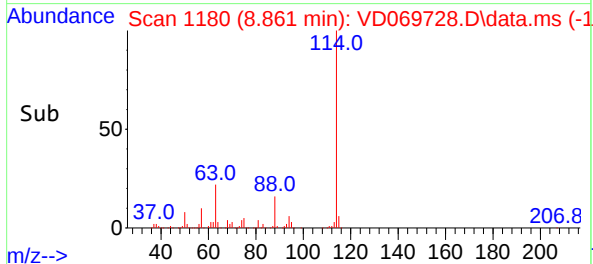
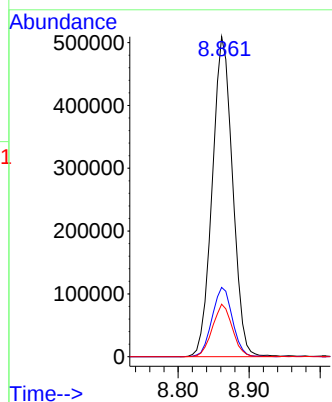
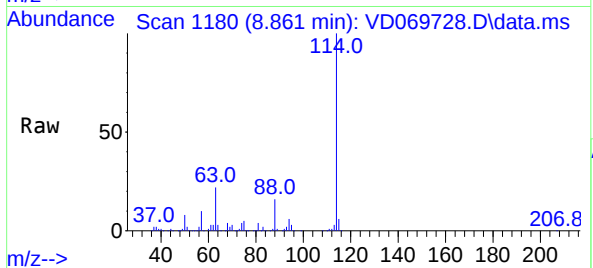


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069728.D
Acq: 16 Jul 2021 16:36

Instrument :
MSVOA_D
ClientSampleId :
RVR-CF02-01

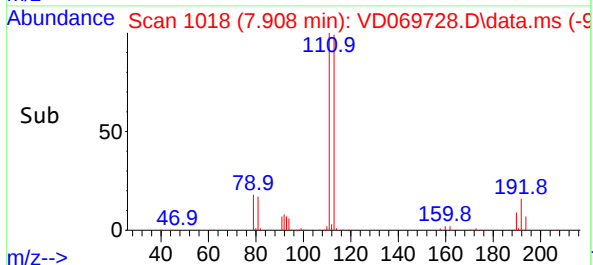
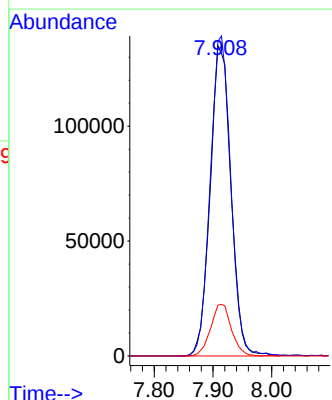
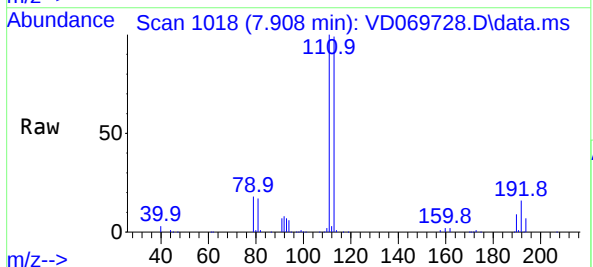
Tgt Ion:114 Resp: 1011511
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.4
88 16.4 0.0 32.0

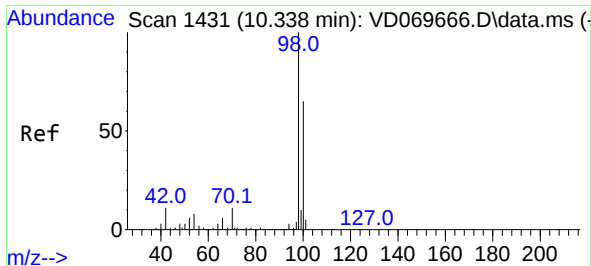


#35

Dibromofluoromethane
Concen: 48.826 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069728.D
Acq: 16 Jul 2021 16:36

Tgt Ion:113 Resp: 331335
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 16.7 12.7 19.1

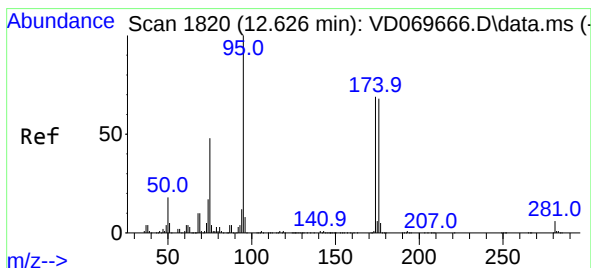
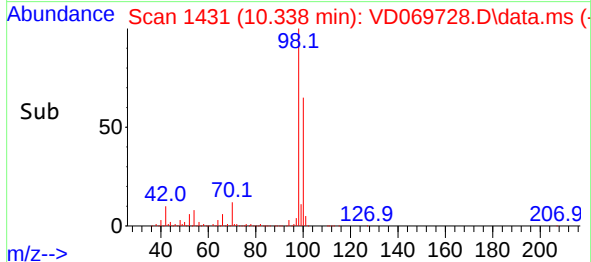
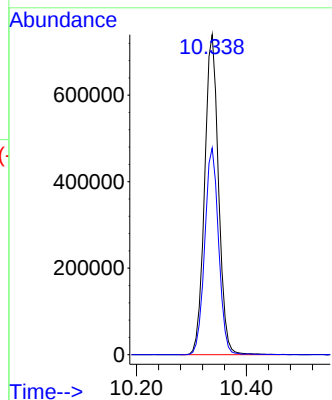
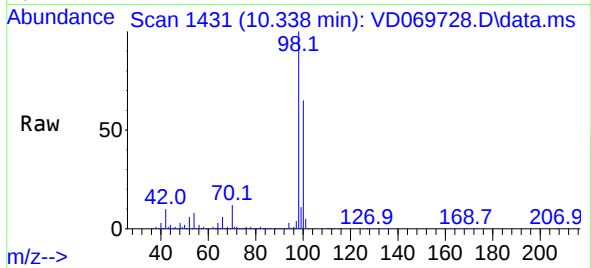




#50
Toluene-d8
Concen: 49.068 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069728.D
Acq: 16 Jul 2021 16:36

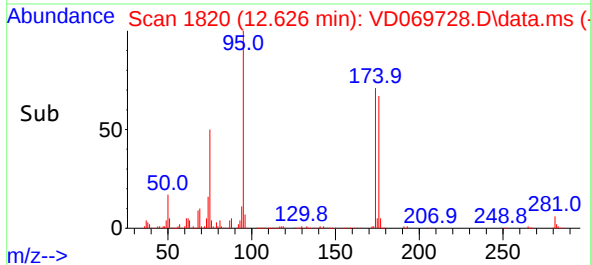
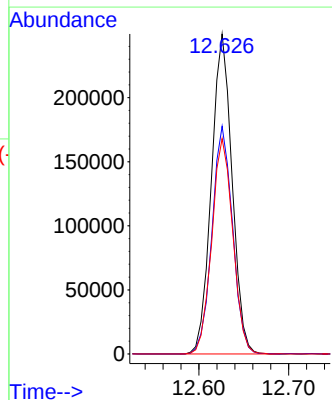
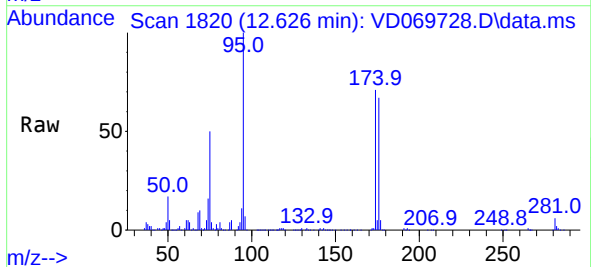
Instrument :
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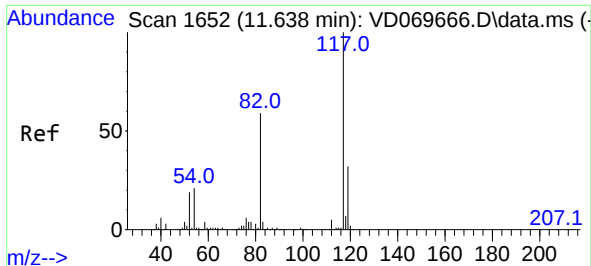
Tgt Ion: 98 Resp: 1293608
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 45.324 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069728.D
Acq: 16 Jul 2021 16:36

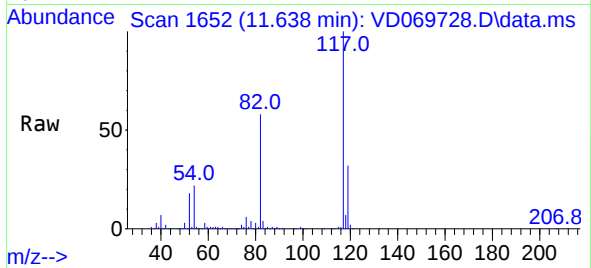
Tgt Ion: 95 Resp: 398517
Ion Ratio Lower Upper
95 100
174 70.9 0.0 140.0
176 68.5 0.0 136.2





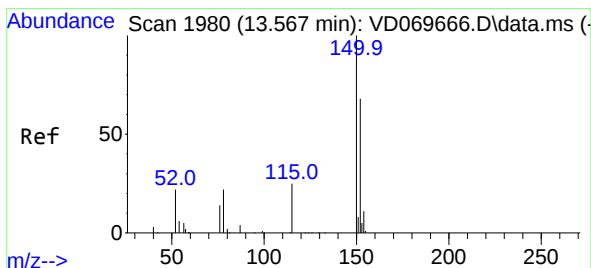
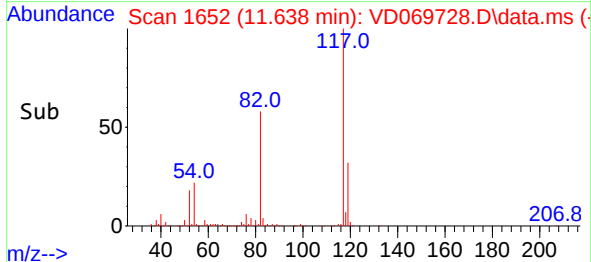
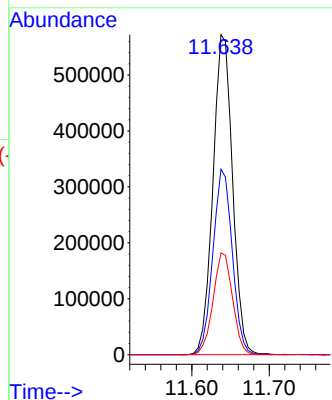
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069728.D
Acq: 16 Jul 2021 16:36

Instrument :
MSVOA_D
ClientSampleId :
RVR-CF02-01



Tgt Ion:117 Resp: 1005779

Ion	Ratio	Lower	Upper
117	100		
82	58.0	47.4	71.2
119	31.8	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: VD069728.D
Acq: 16 Jul 2021 16:36

Tgt Ion:152 Resp: 309715

Ion	Ratio	Lower	Upper
152	100		
115	61.8	31.7	95.1
150	158.7	0.0	350.4

