

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071621\
 Data File : VD069729.D
 Acq On : 16 Jul 2021 17:05
 Operator : VA/SY
 Sample : M3029-06
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RVR-CF03-01

Quant Time: Jul 17 00:54:28 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)

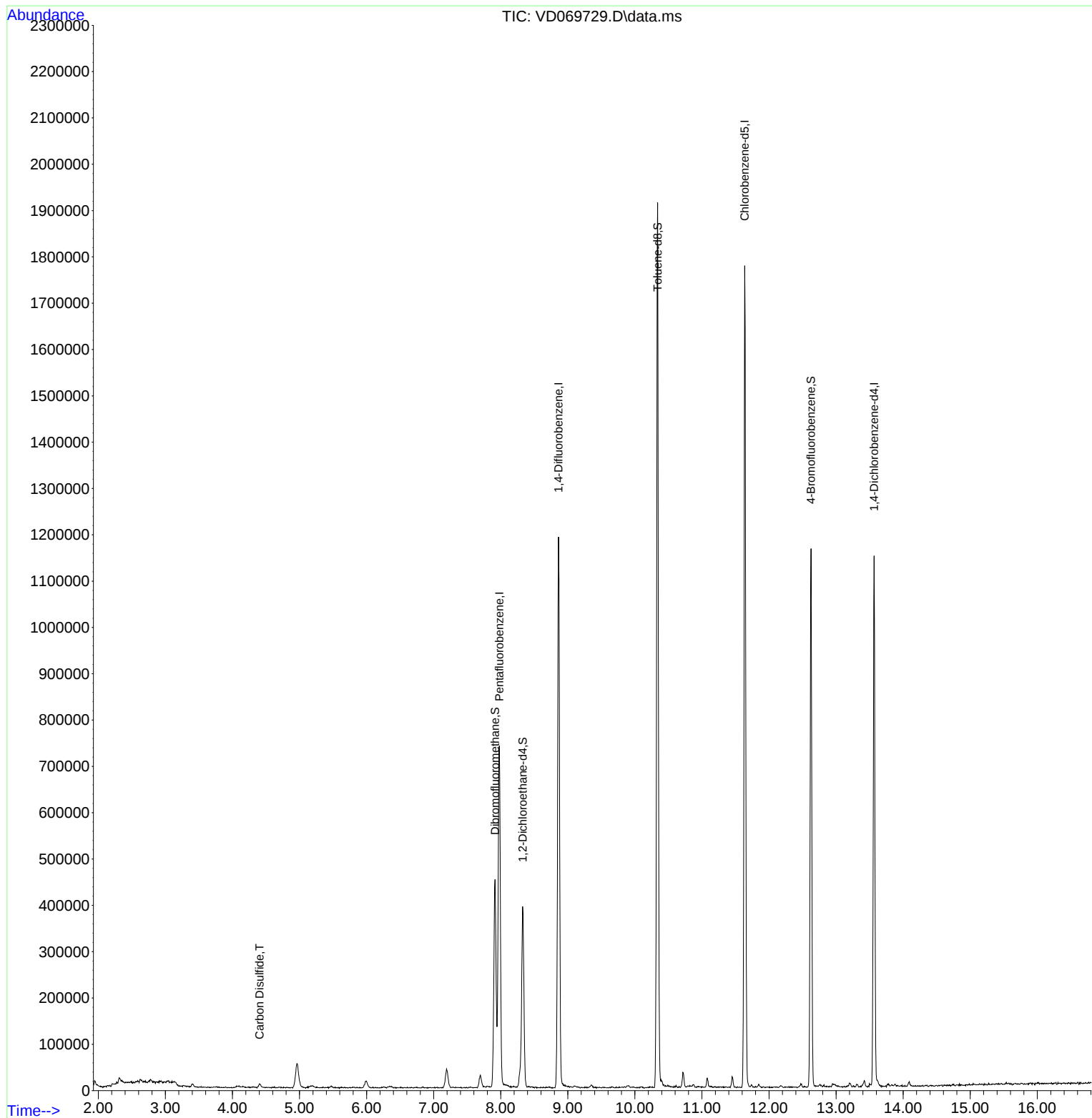
Internal Standards						
1) Pentafluorobenzene	7.979	168	527859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1015154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1013622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	302431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	306577	46.514	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.020%
35) Dibromofluoromethane	7.914	113	328558	48.243	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.480%
50) Toluene-d8	10.338	98	1301142	49.176	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.360%
62) 4-Bromofluorobenzene	12.626	95	391116	44.323	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.640%
Target Compounds						
17) Carbon Disulfide	4.403	76	14788	1.157	ug/l	Qvalue 95

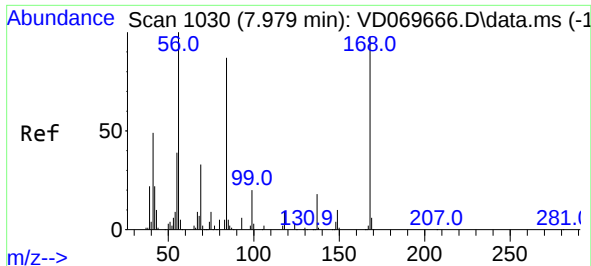
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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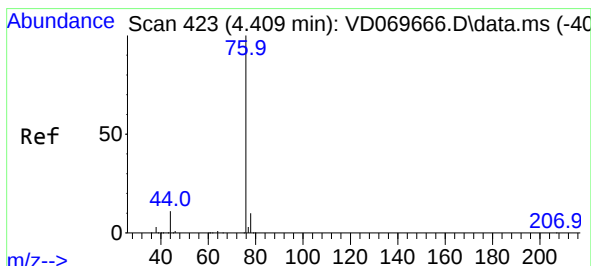
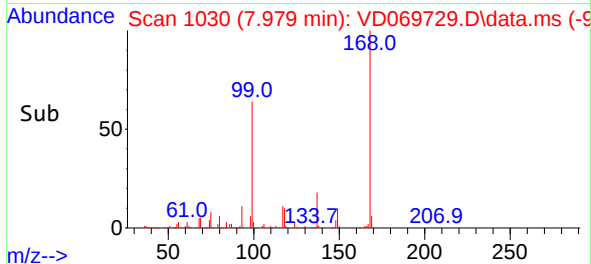
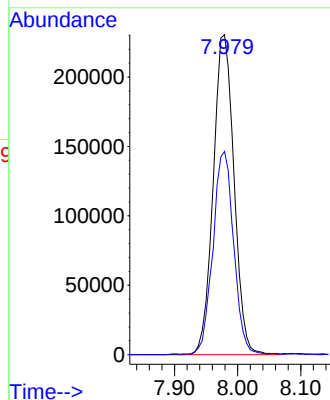
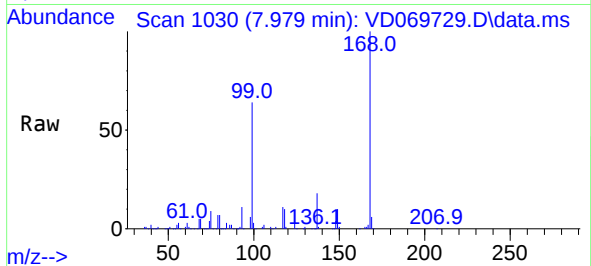




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069729.D
Acq: 16 Jul 2021 17:05

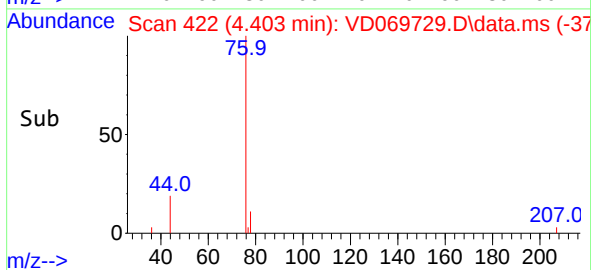
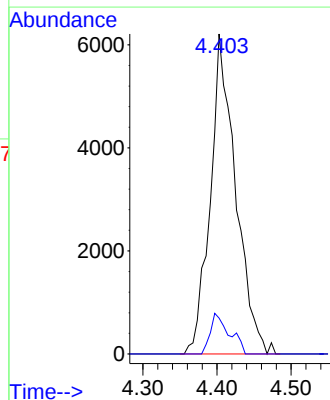
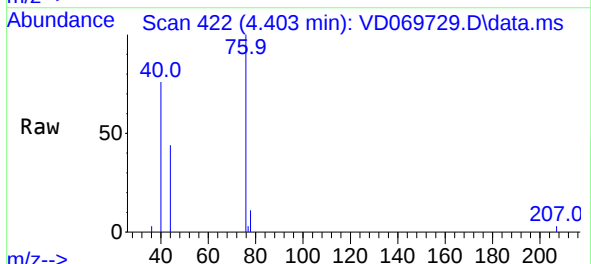
Instrument :
MSVOA_D
ClientSampleId :
RVR-CF03-01

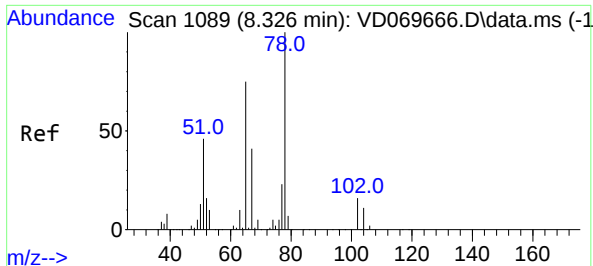
Tgt Ion:168 Resp: 527859
Ion Ratio Lower Upper
168 100
99 63.4 51.8 77.6



#17
Carbon Disulfide
Concen: 1.157 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD069729.D
Acq: 16 Jul 2021 17:05

Tgt Ion: 76 Resp: 14788
Ion Ratio Lower Upper
76 100
78 11.2 7.6 11.4

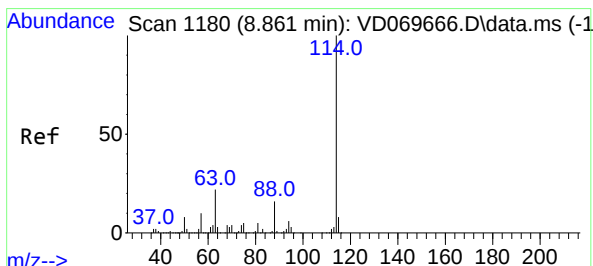
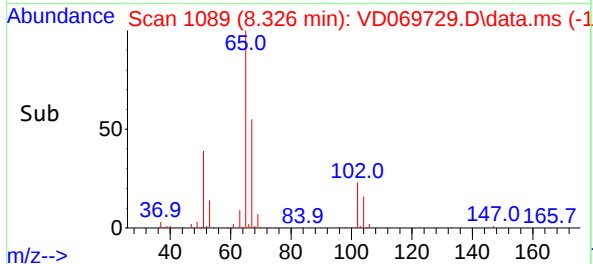
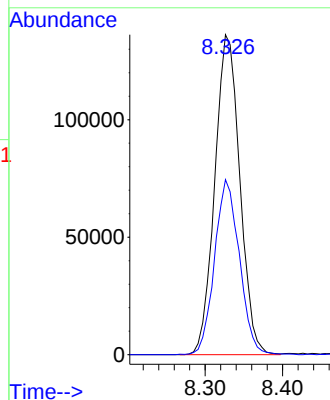
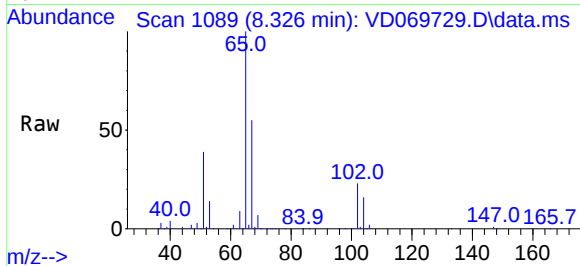




#33
1,2-Dichloroethane-d4
Concen: 46.514 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069729.D
Acq: 16 Jul 2021 17:05

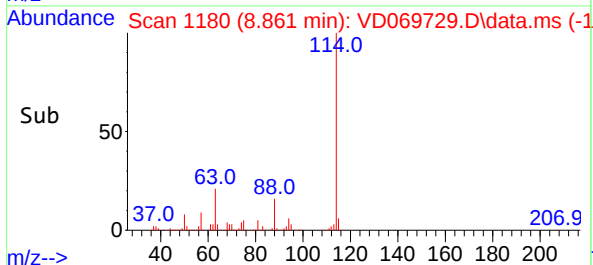
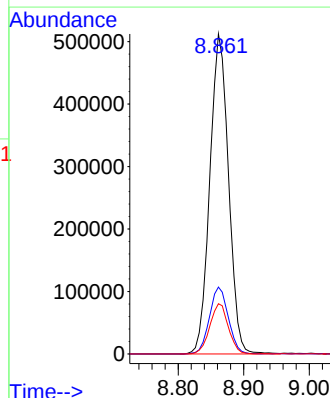
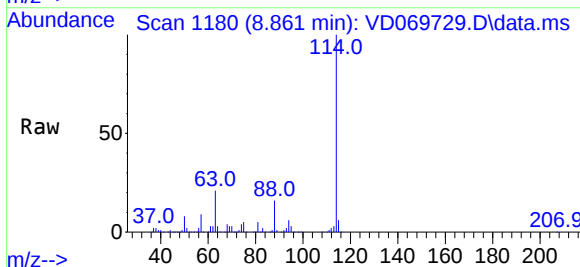
Instrument :
MSVOA_D
ClientSampleId :
RVR-CF03-01

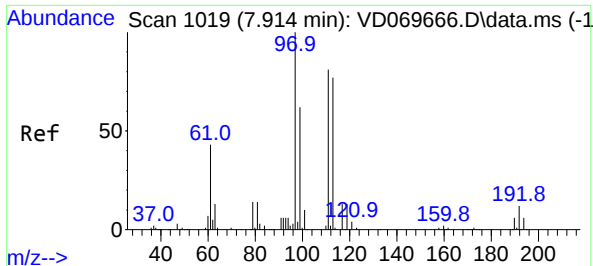
Tgt Ion: 65 Resp: 306577
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069729.D
Acq: 16 Jul 2021 17:05

Tgt Ion:114 Resp: 1015154
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.4
88 15.7 0.0 32.0



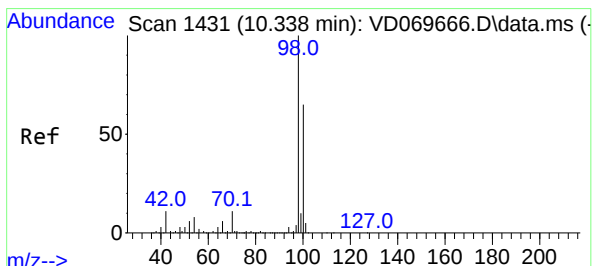
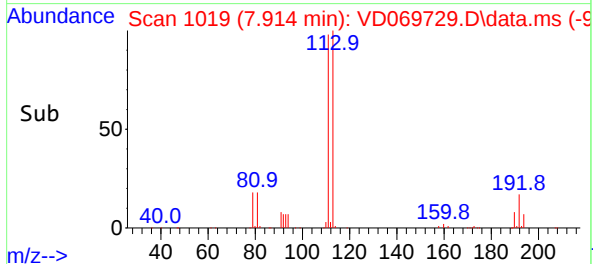
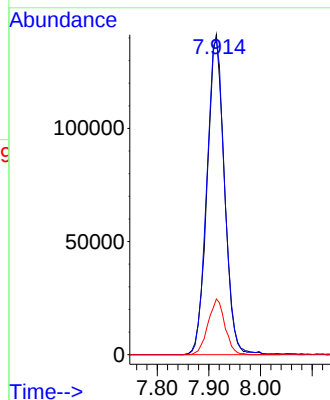
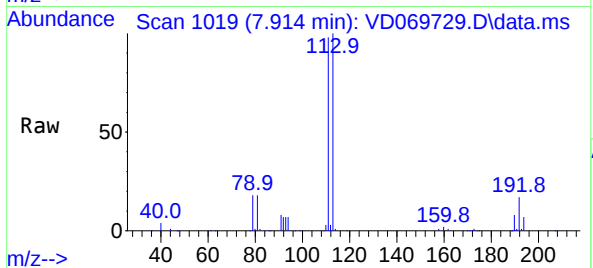


#35

Dibromofluoromethane
 Concen: 48.243 ug/l
 RT: 7.914 min Scan# 1019
 Delta R.T. 0.000 min
 Lab File: VD069729.D
 Acq: 16 Jul 2021 17:05

Instrument :
 MSVOA_D
 ClientSampleId :
 RVR-CF03-01

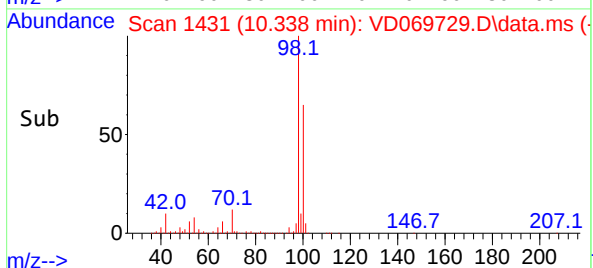
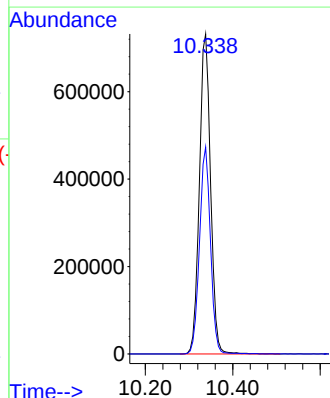
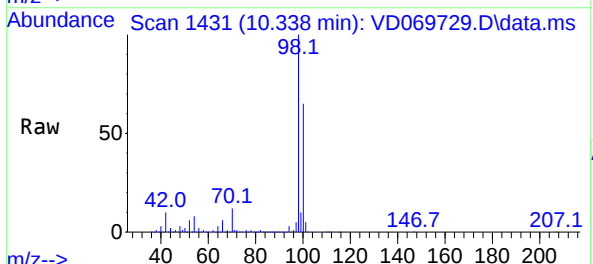
Tgt Ion:113 Resp: 328558
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.6 123.8
 192 17.0 12.7 19.1

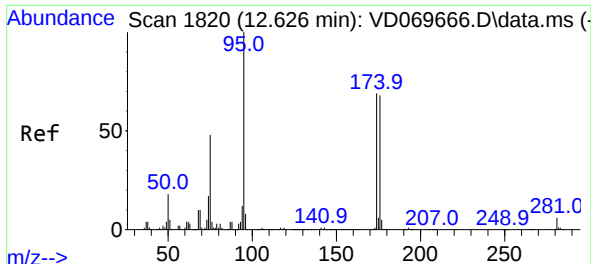


#50

Toluene-d8
 Concen: 49.176 ug/l
 RT: 10.338 min Scan# 1431
 Delta R.T. -0.000 min
 Lab File: VD069729.D
 Acq: 16 Jul 2021 17:05

Tgt Ion: 98 Resp: 1301142
 Ion Ratio Lower Upper
 98 100
 100 63.5 52.2 78.2

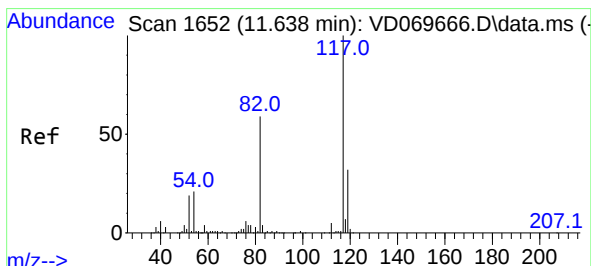
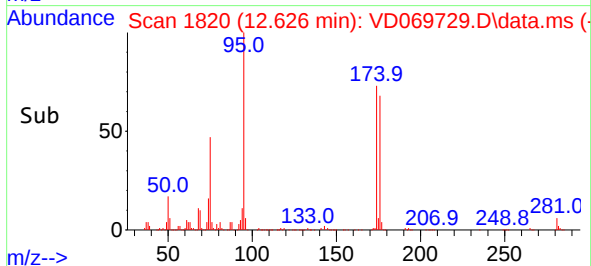
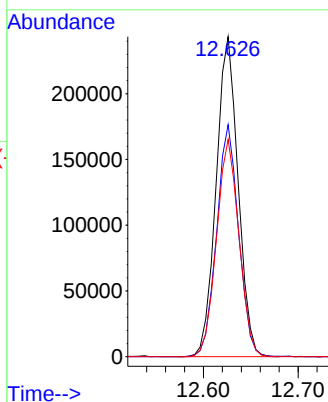
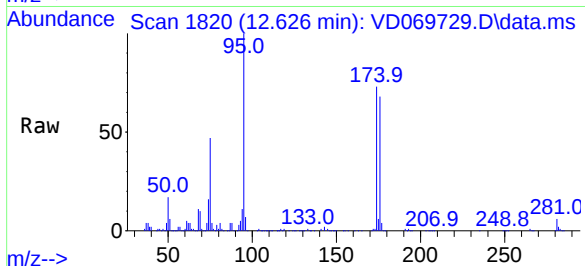




#62
4-Bromofluorobenzene
Concen: 44.323 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069729.D
Acq: 16 Jul 2021 17:05

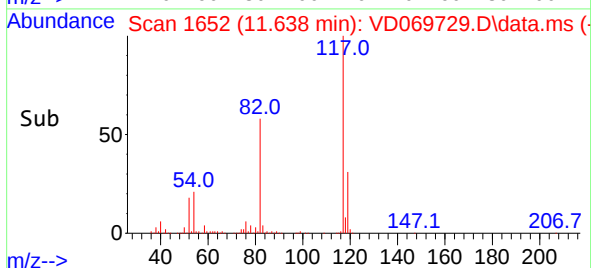
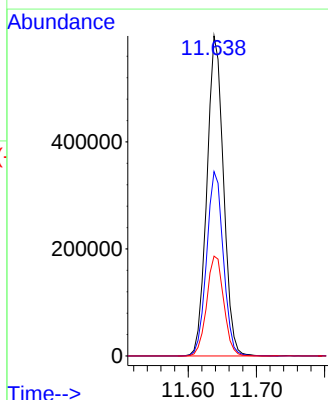
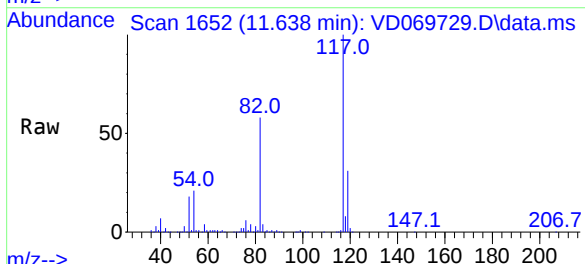
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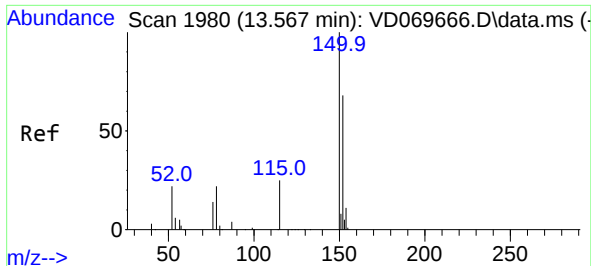
Tgt Ion: 95 Resp: 391116
Ion Ratio Lower Upper
95 100
174 72.6 0.0 140.0
176 69.3 0.0 136.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069729.D
Acq: 16 Jul 2021 17:05

Tgt Ion: 117 Resp: 1013622
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 31.2 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: VD069729.D
 Acq: 16 Jul 2021 17:05

Instrument :
 MSVOA_D
 ClientSampleId :
 RVR-CF03-01

Tgt Ion:152 Resp: 302431

Ion	Ratio	Lower	Upper
152	100		
115	61.6	31.7	95.1
150	158.1	0.0	350.4

