

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071621\
 Data File : VD069727.D
 Acq On : 16 Jul 2021 16:08
 Operator : VA/SY
 Sample : M3029-04
 Misc : 4.35G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RVR-CF01-02

Quant Time: Jul 17 01:46:49 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)

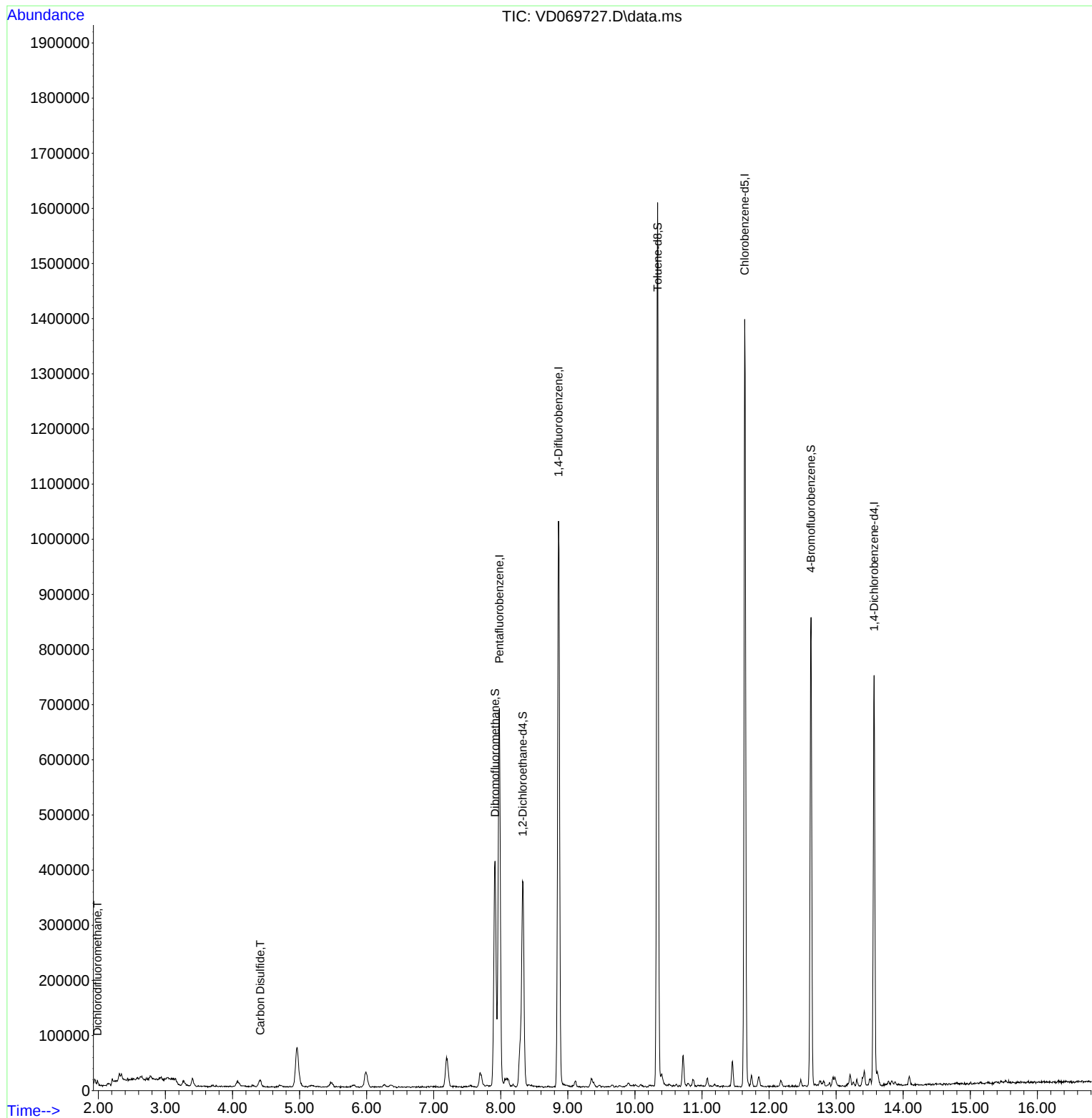
Internal Standards						
1) Pentafluorobenzene	7.979	168	473781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	892262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	791268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	199851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	290554	49.115	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.240%
35) Dibromofluoromethane	7.914	113	297680	49.729	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.460%
50) Toluene-d8	10.338	98	1088713	46.815	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.620%
62) 4-Bromofluorobenzene	12.626	95	273825	35.305	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	5615	1.750	ug/l	95
17) Carbon Disulfide	4.414	76	26770	1.891	ug/l #	92

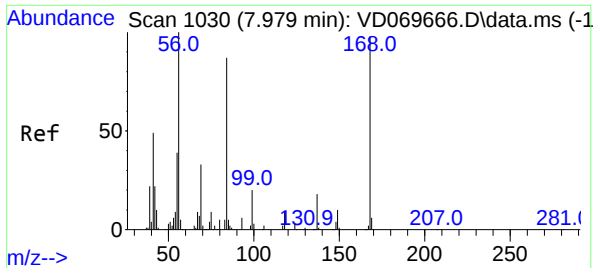
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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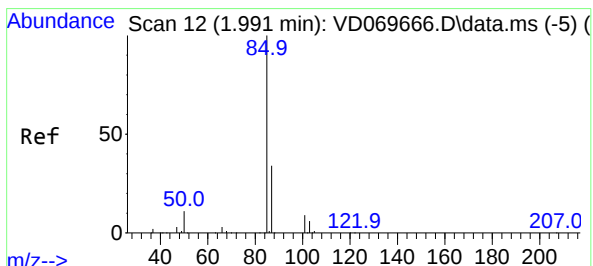
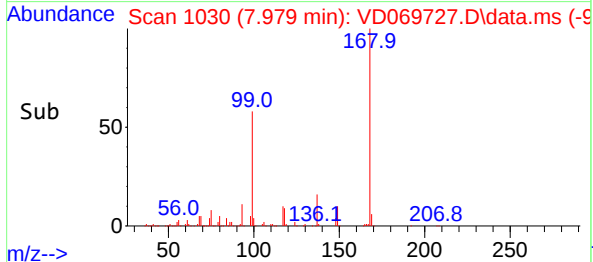
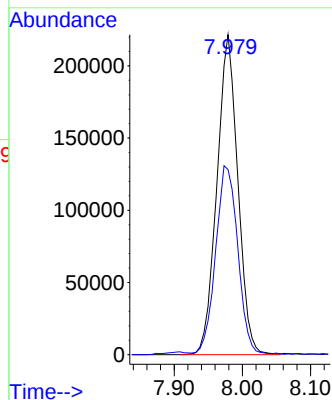
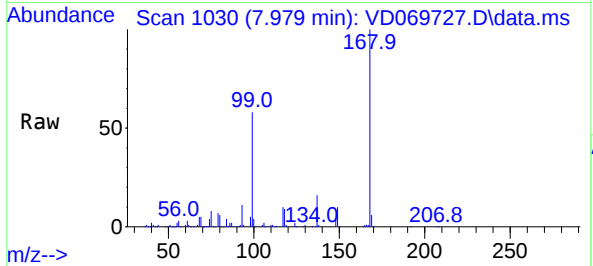




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069727.D
Acq: 16 Jul 2021 16:08

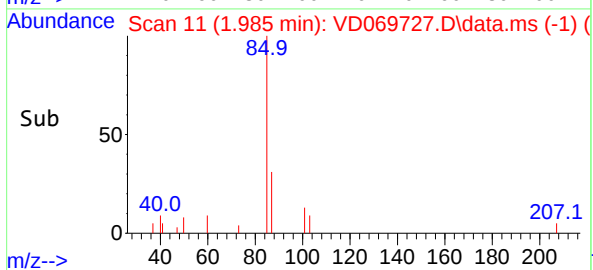
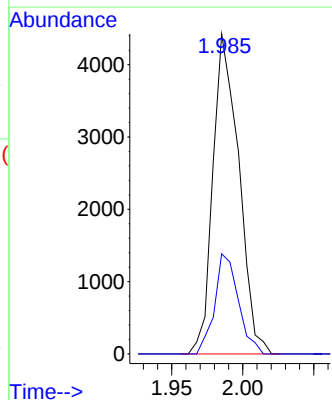
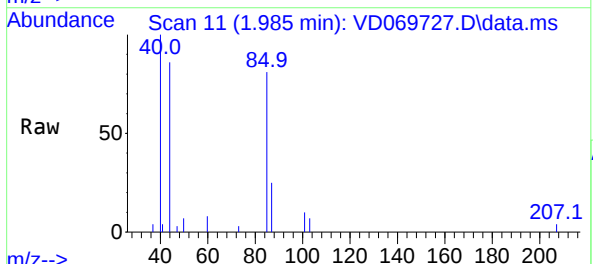
Instrument :
MSVOA_D
ClientSampleId :
RVR-CF01-02

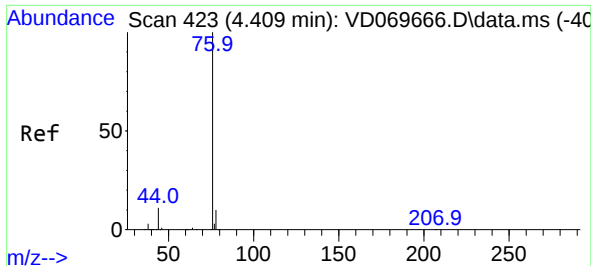
Tgt Ion:168 Resp: 473781
Ion Ratio Lower Upper
168 100
99 57.5 51.8 77.6



#2
Dichlorodifluoromethane
Concen: 1.750 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD069727.D
Acq: 16 Jul 2021 16:08

Tgt Ion: 85 Resp: 5615
Ion Ratio Lower Upper
85 100
87 31.3 17.0 51.0

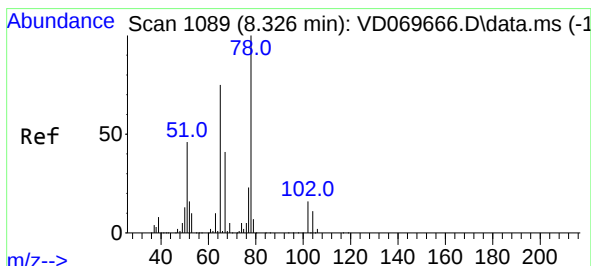
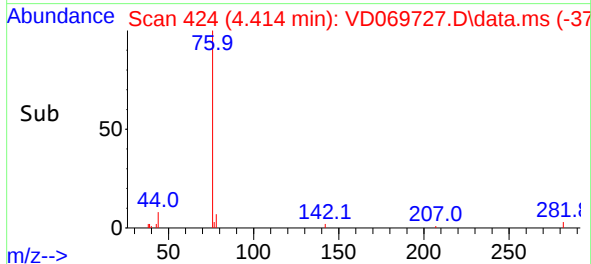
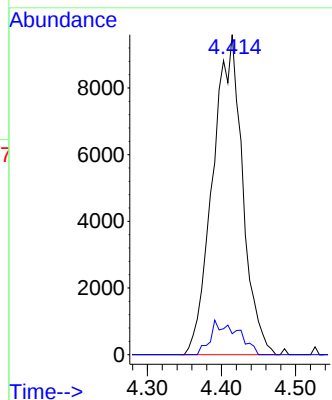
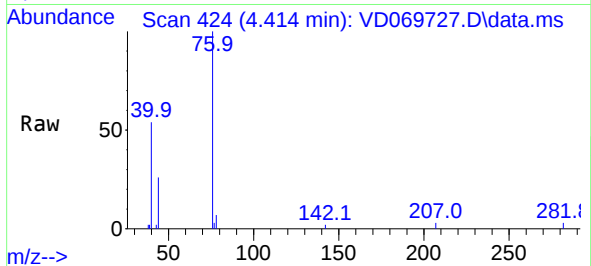




#17
Carbon Disulfide
Concen: 1.891 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.005 min
Lab File: VD069727.D
Acq: 16 Jul 2021 16:08

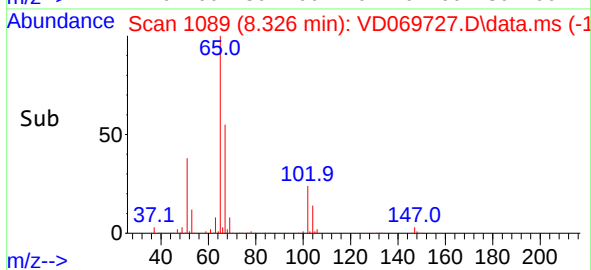
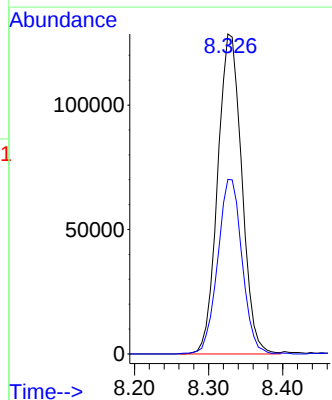
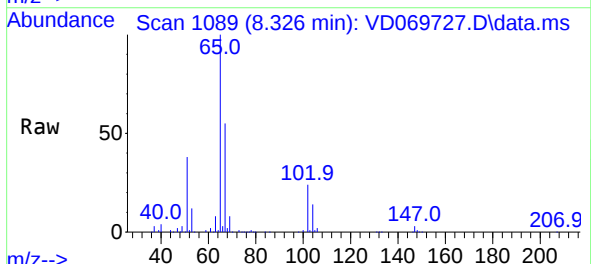
Instrument :
MSVOA_D
ClientSampleId :
RVR-CF01-02

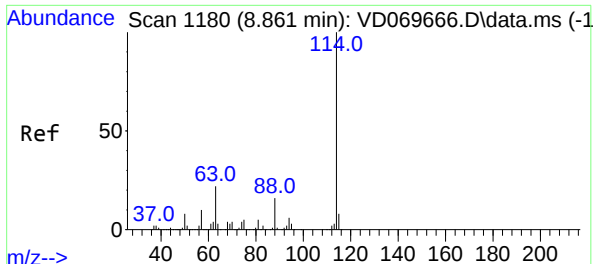
Tgt Ion: 76 Resp: 26770
Ion Ratio Lower Upper
76 100
78 6.6 7.6 11.4#



#33
1,2-Dichloroethane-d4
Concen: 49.115 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069727.D
Acq: 16 Jul 2021 16:08

Tgt Ion: 65 Resp: 290554
Ion Ratio Lower Upper
65 100
67 55.3 0.0 107.2



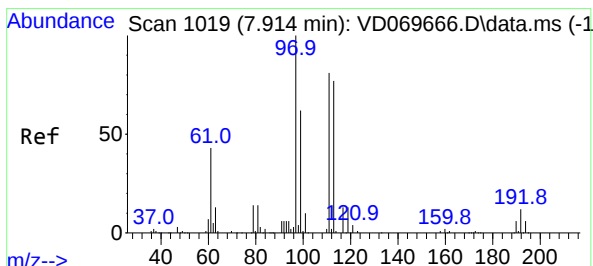
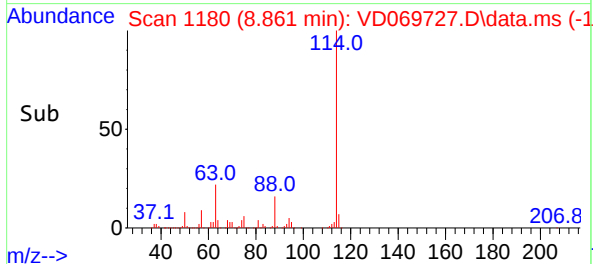
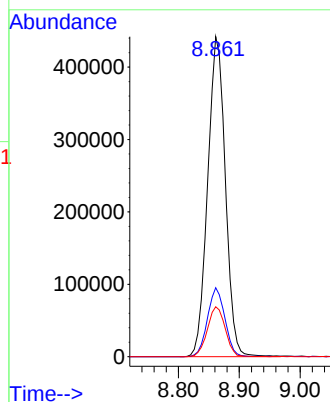
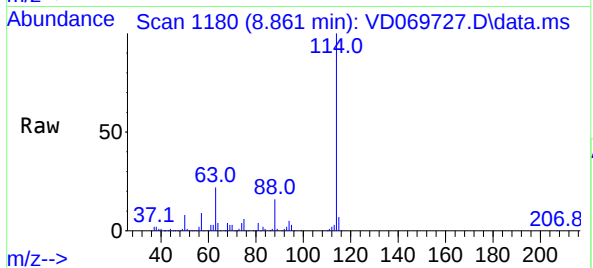


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069727.D
Acq: 16 Jul 2021 16:08

Instrument :
MSVOA_D
ClientSampleId :
RVR-CF01-02

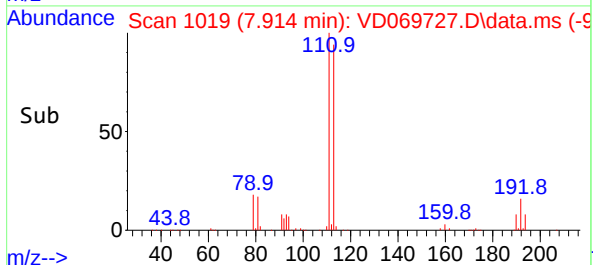
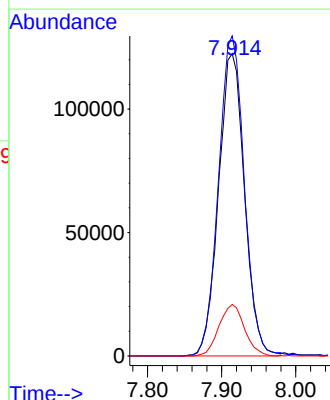
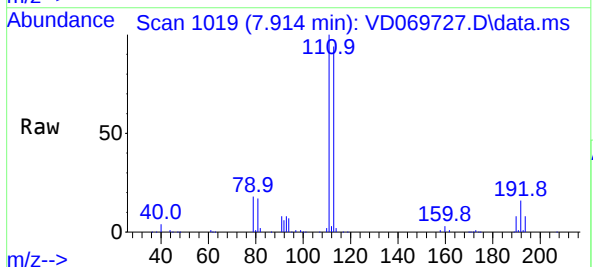
Tgt Ion:114 Resp: 892262
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.4
88 15.6 0.0 32.0

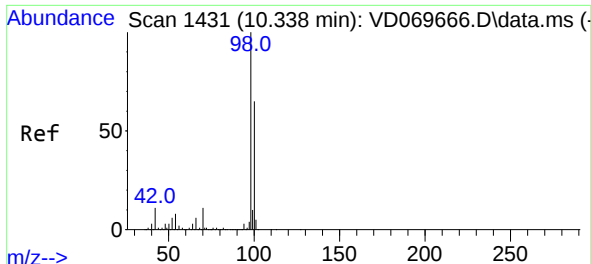


#35

Dibromofluoromethane
Concen: 49.729 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069727.D
Acq: 16 Jul 2021 16:08

Tgt Ion:113 Resp: 297680
Ion Ratio Lower Upper
113 100
111 105.1 82.6 123.8
192 16.8 12.7 19.1

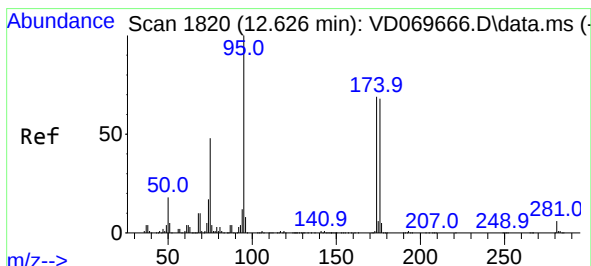
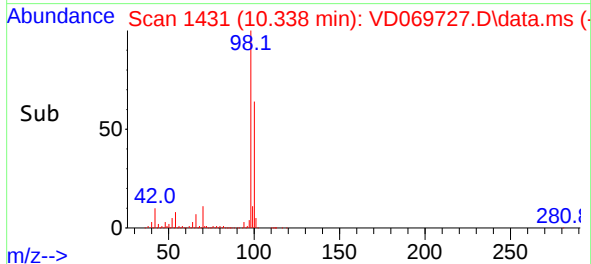
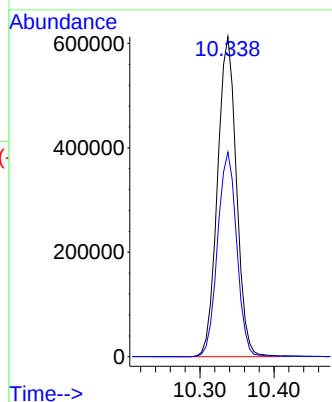
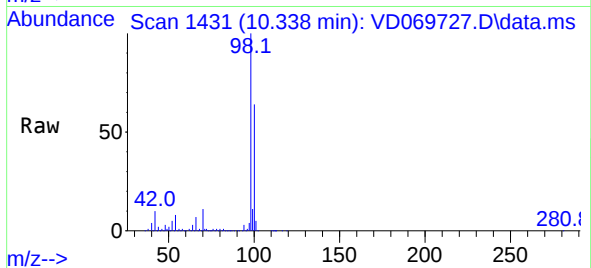




#50
Toluene-d8
Concen: 46.815 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069727.D
Acq: 16 Jul 2021 16:08

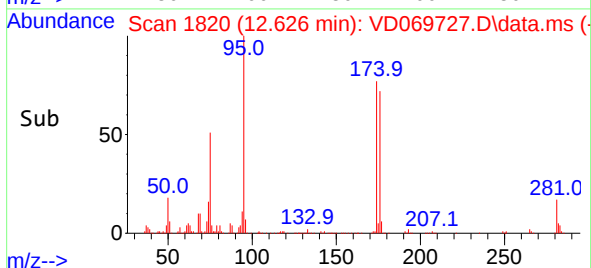
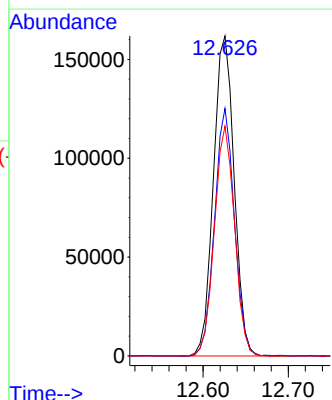
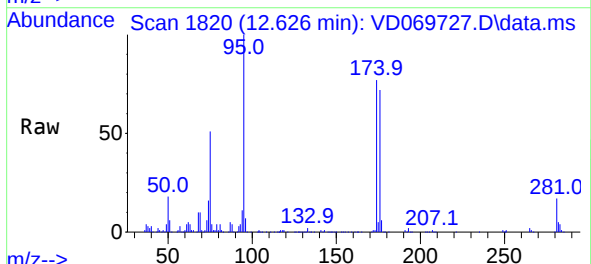
Instrument :
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ClientSampleId :
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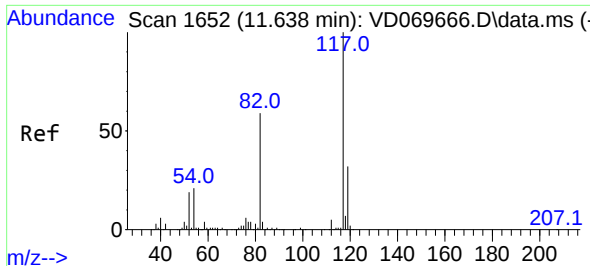
Tgt Ion: 98 Resp: 1088713
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 35.305 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069727.D
Acq: 16 Jul 2021 16:08

Tgt Ion: 95 Resp: 273825
Ion Ratio Lower Upper
95 100
174 74.6 0.0 140.0
176 70.0 0.0 136.2

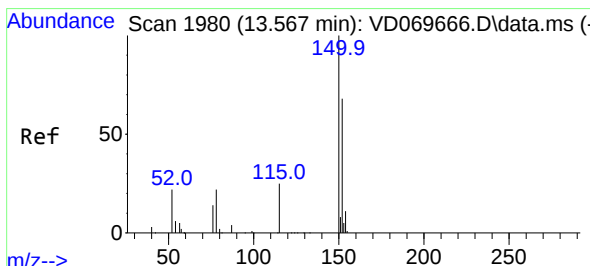
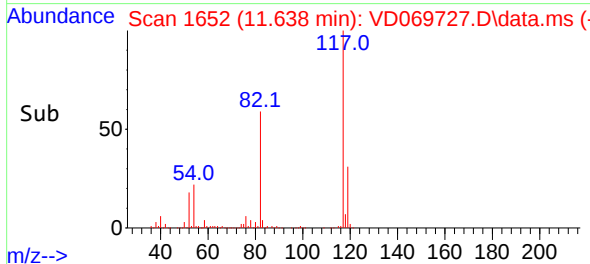
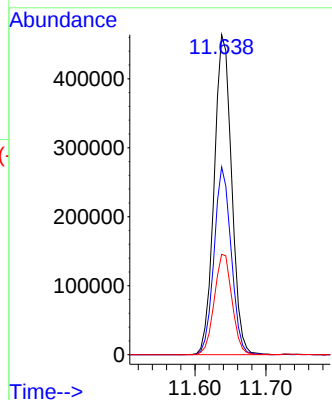
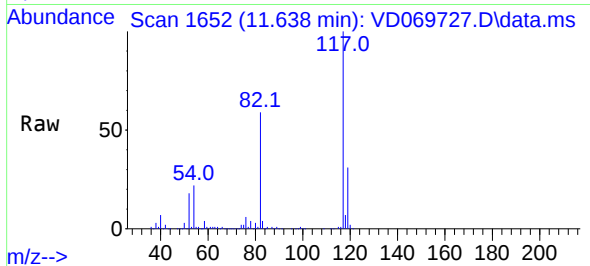




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069727.D
Acq: 16 Jul 2021 16:08

Instrument :
MSVOA_D
ClientSampleId :
RVR-CF01-02

Tgt Ion:117 Resp: 791268
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 31.4 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: VD069727.D
Acq: 16 Jul 2021 16:08

Tgt Ion:152 Resp: 199851
Ion Ratio Lower Upper
152 100
115 59.9 31.7 95.1
150 154.0 0.0 350.4

