

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071621\
 Data File : VD069732.D
 Acq On : 16 Jul 2021 18:30
 Operator : VA/SY
 Sample : M3029-04
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RVR-CF01-02

Quant Time: Jul 17 00:55:41 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)

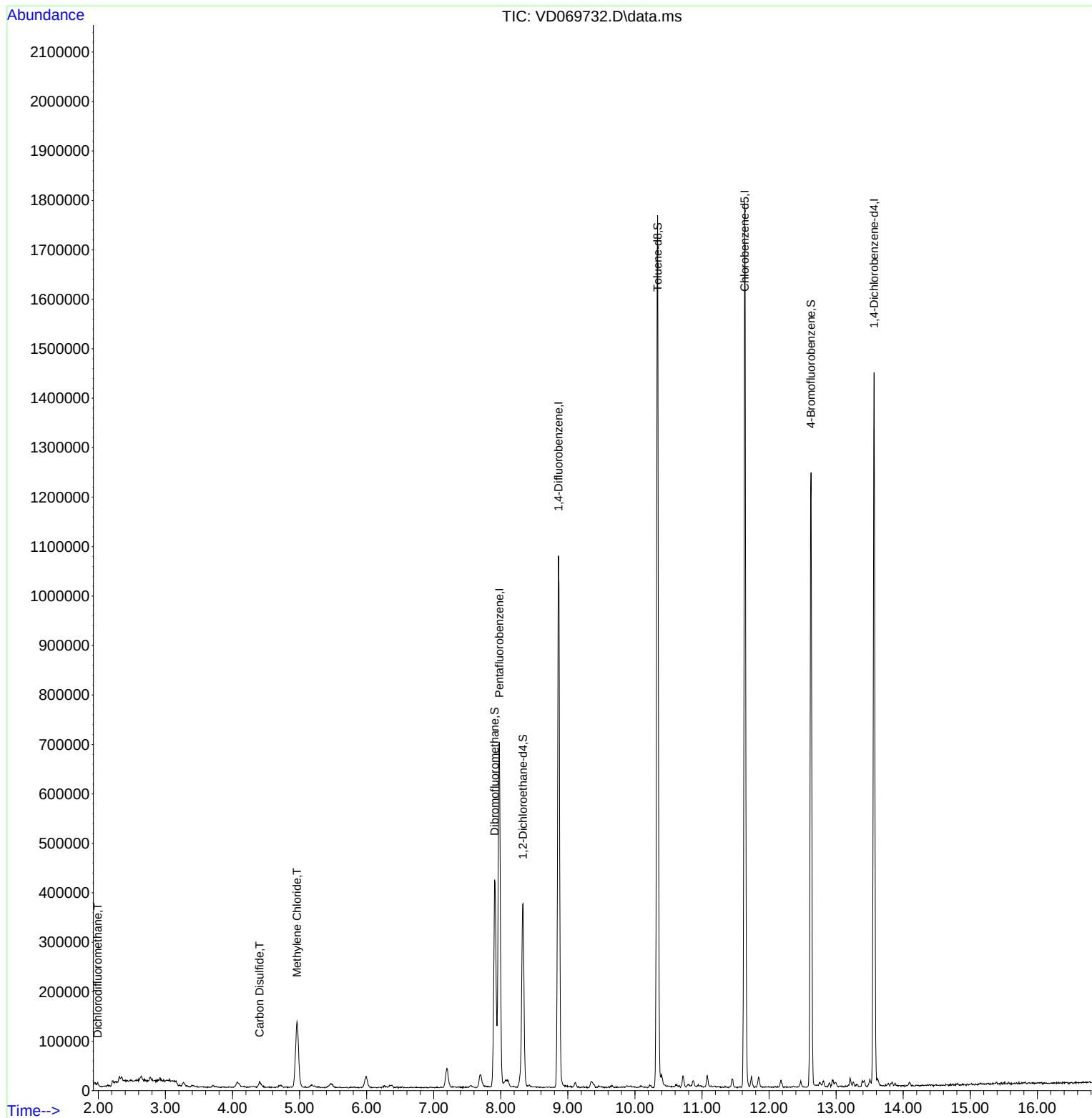
Internal Standards						
1) Pentafluorobenzene	7.979	168	486264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	915211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1009387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	375885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	293602	48.356	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.720%
35) Dibromofluoromethane	7.908	113	311555	50.742	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.480%
50) Toluene-d8	10.338	98	1208123	50.647	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.300%
62) 4-Bromofluorobenzene	12.626	95	431195	54.201	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.400%
Target Compounds						
2) Dichlorodifluoromethane	1.991	85	4697	1.540	ug/l	94
17) Carbon Disulfide	4.403	76	22552	1.630	ug/l	95
20) Methylene Chloride	4.961	84	106457	8.134	ug/l	96

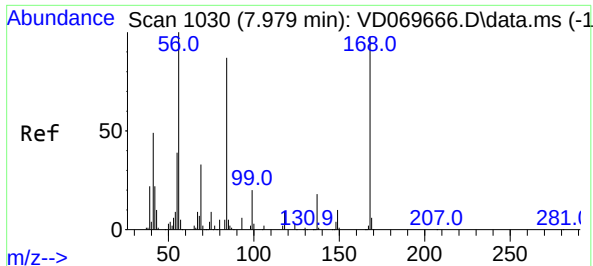
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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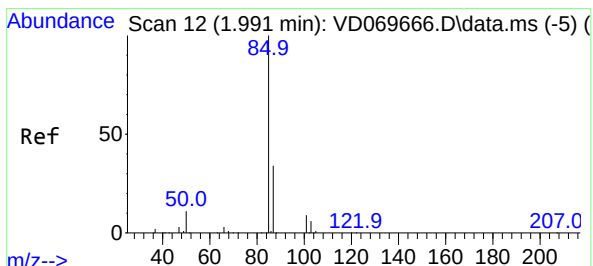
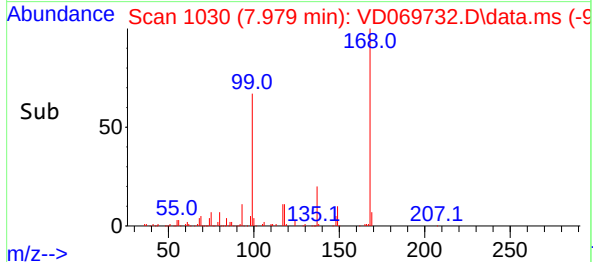
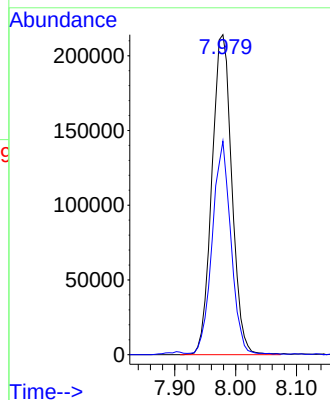
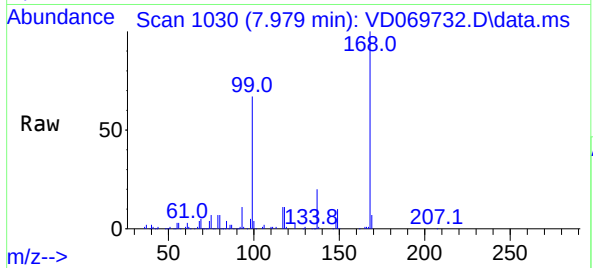




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069732.D
Acq: 16 Jul 2021 18:30

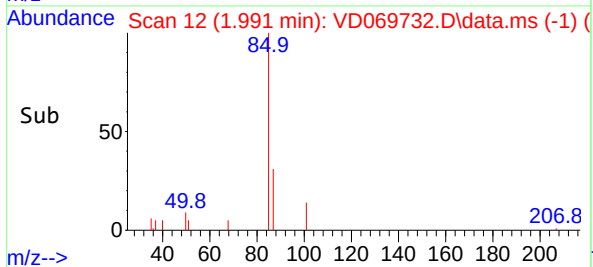
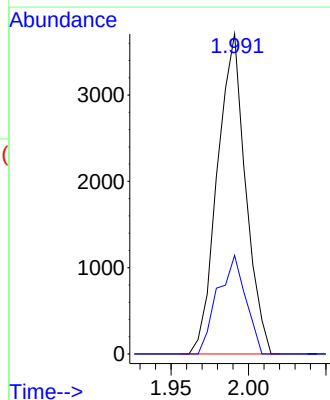
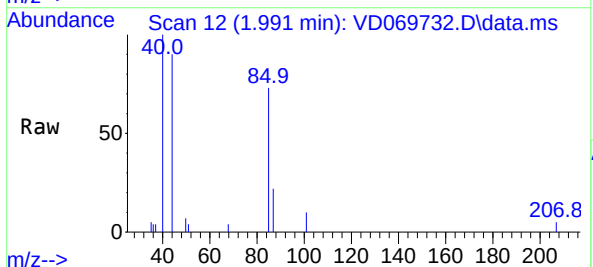
Instrument :
MSVOA_D
ClientSampleId :
RVR-CF01-02

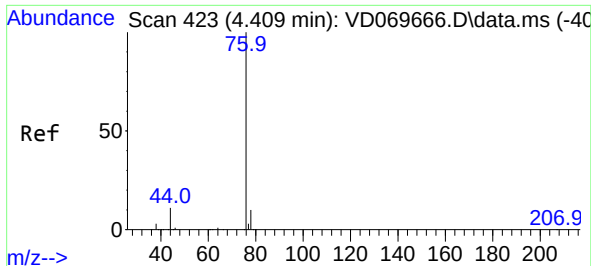
Tgt Ion:168 Resp: 486264
Ion Ratio Lower Upper
168 100
99 66.5 51.8 77.6



#2
Dichlorodifluoromethane
Concen: 1.540 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD069732.D
Acq: 16 Jul 2021 18:30

Tgt Ion: 85 Resp: 4697
Ion Ratio Lower Upper
85 100
87 30.8 17.0 51.0

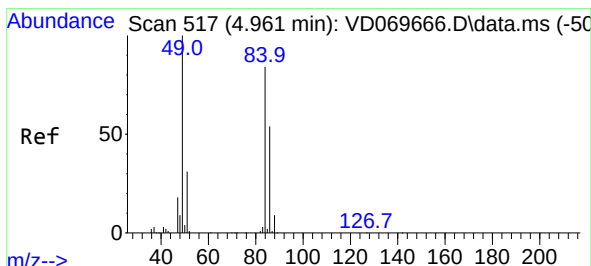
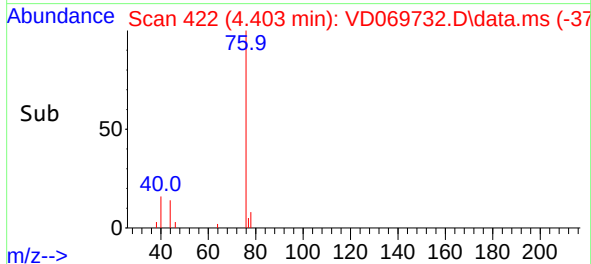
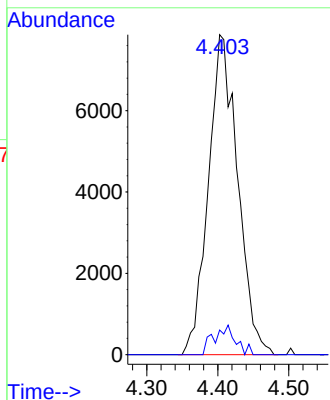
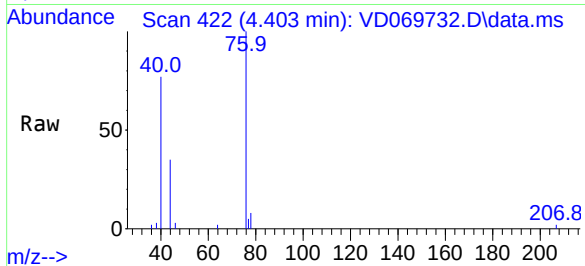




#17
Carbon Disulfide
Concen: 1.630 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD069732.D
Acq: 16 Jul 2021 18:30

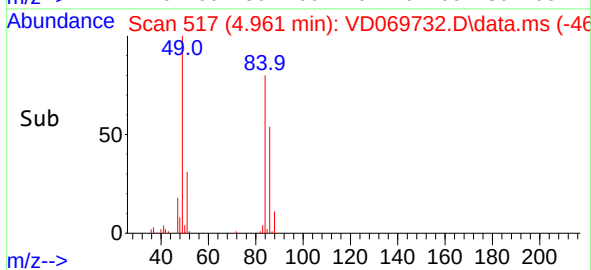
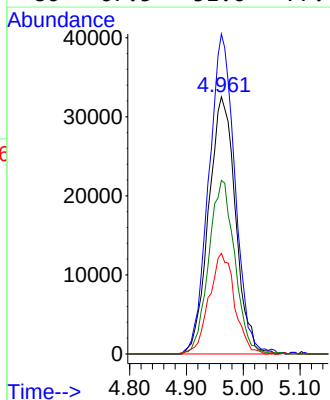
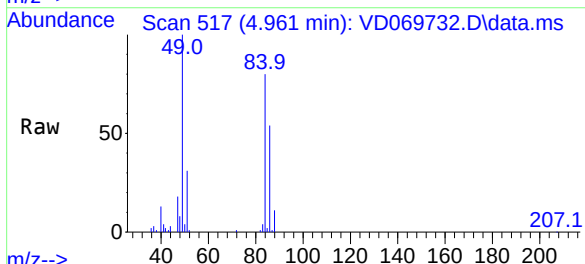
Instrument :
MSVOA_D
ClientSampleId :
RVR-CF01-02

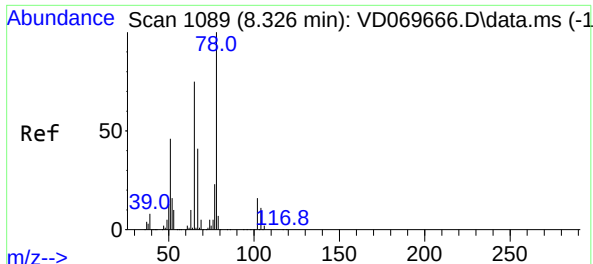
Tgt Ion: 76 Resp: 22552
Ion Ratio Lower Upper
76 100
78 7.7 7.6 11.4



#20
Methylene Chloride
Concen: 8.134 ug/l
RT: 4.961 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD069732.D
Acq: 16 Jul 2021 18:30

Tgt Ion: 84 Resp: 106457
Ion Ratio Lower Upper
84 100
49 124.4 95.5 143.3
51 39.1 29.7 44.5
86 67.5 51.6 77.4

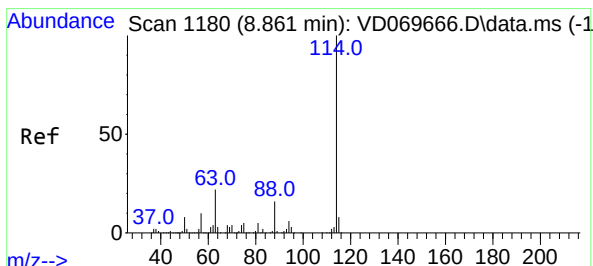
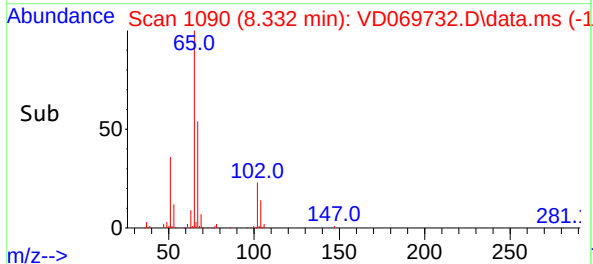
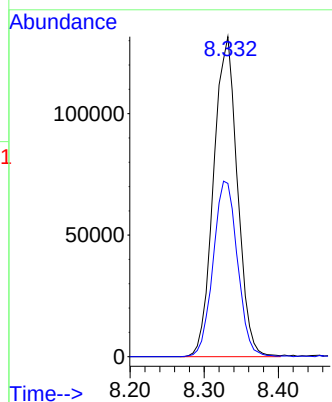
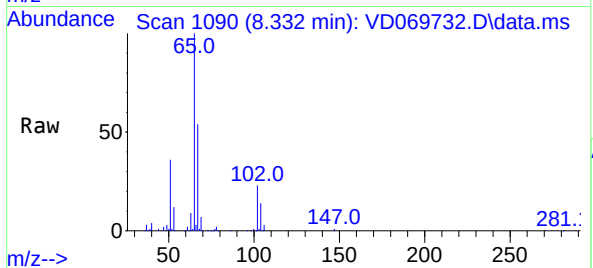




#33
1,2-Dichloroethane-d4
Concen: 48.356 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069732.D
Acq: 16 Jul 2021 18:30

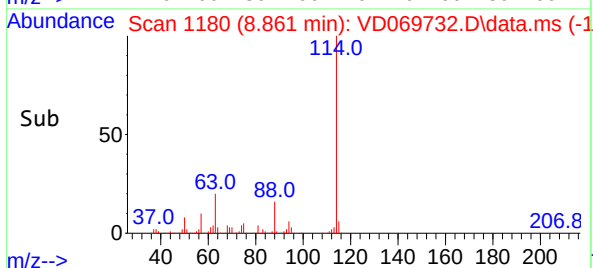
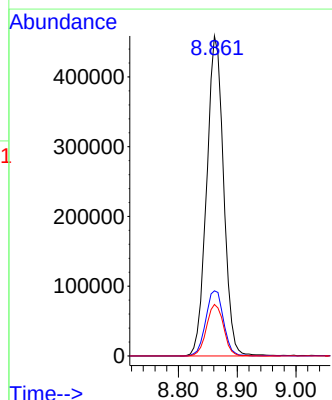
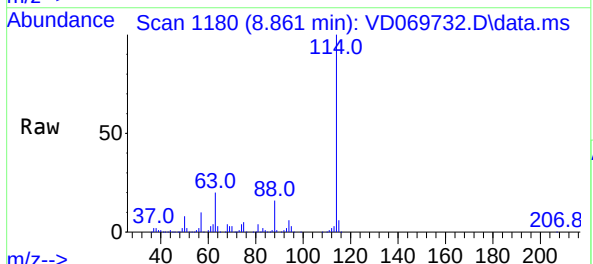
Instrument :
MSVOA_D
ClientSampleId :
RVR-CF01-02

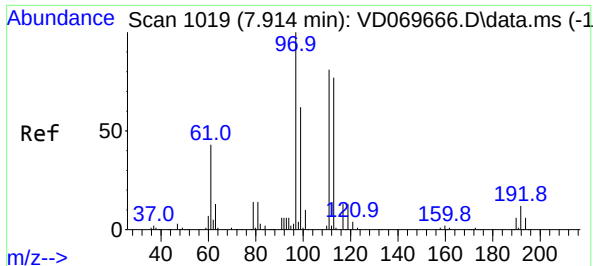
Tgt Ion: 65 Resp: 293602
Ion Ratio Lower Upper
65 100
67 56.1 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069732.D
Acq: 16 Jul 2021 18:30

Tgt Ion:114 Resp: 915211
Ion Ratio Lower Upper
114 100
63 20.3 0.0 43.4
88 16.1 0.0 32.0

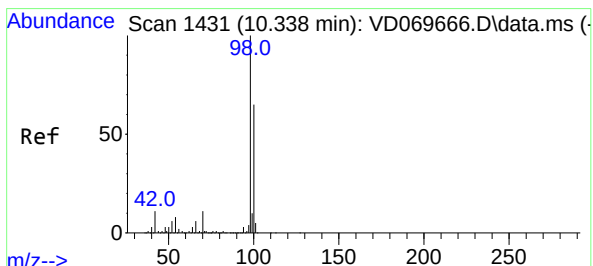
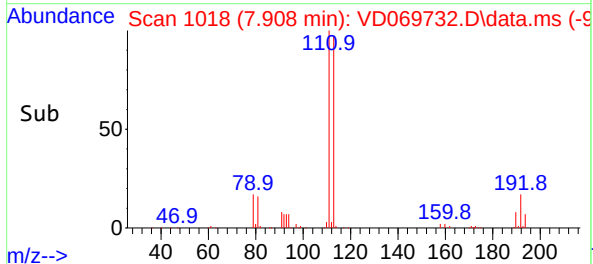
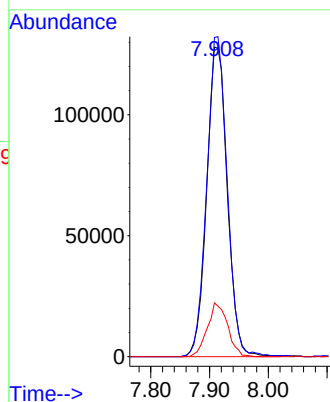
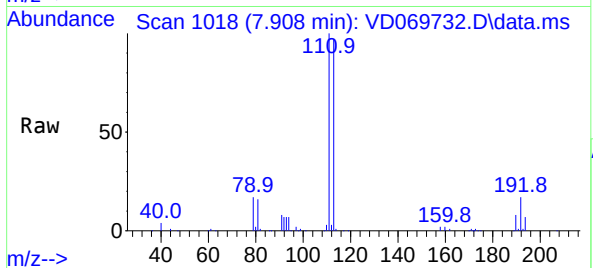




#35
Dibromofluoromethane
Concen: 50.742 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069732.D
Acq: 16 Jul 2021 18:30

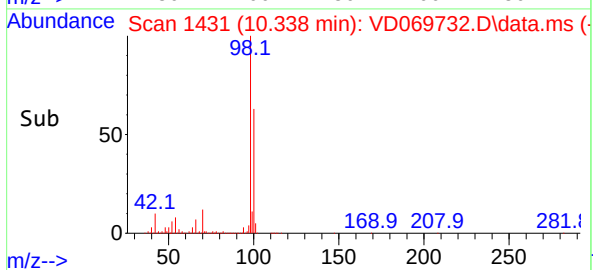
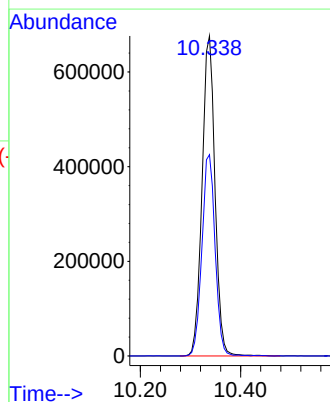
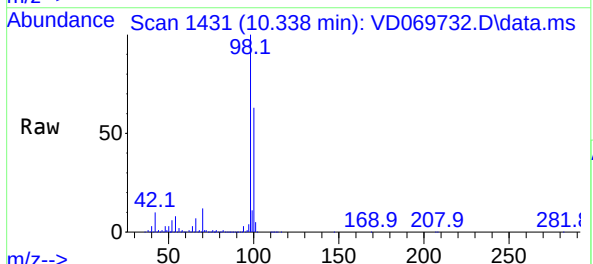
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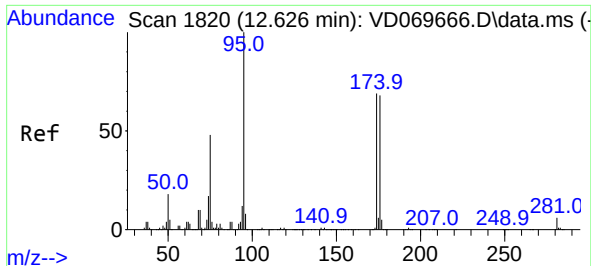
Tgt Ion:113 Resp: 311555
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 17.2 12.7 19.1



#50
Toluene-d8
Concen: 50.647 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069732.D
Acq: 16 Jul 2021 18:30

Tgt Ion: 98 Resp: 1208123
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2



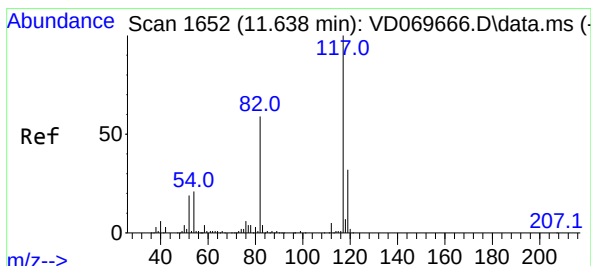
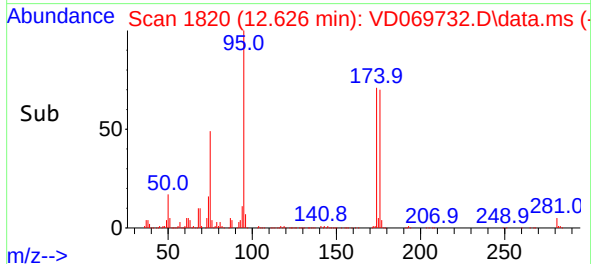
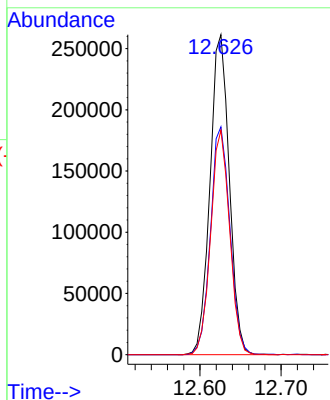
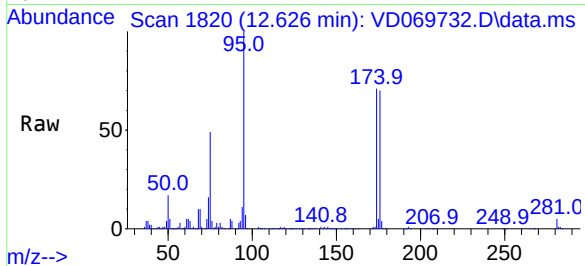


#62
4-Bromofluorobenzene
Concen: 54.201 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069732.D
Acq: 16 Jul 2021 18:30

Instrument :
MSVOA_D
ClientSampleId :
RVR-CF01-02

Tgt Ion: 95 Resp: 431195

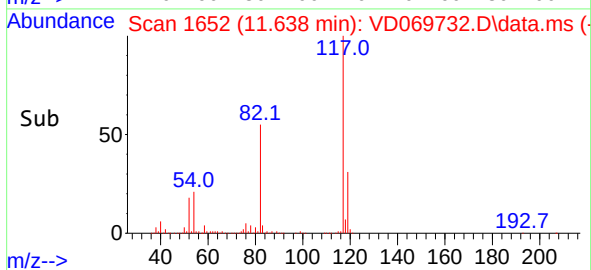
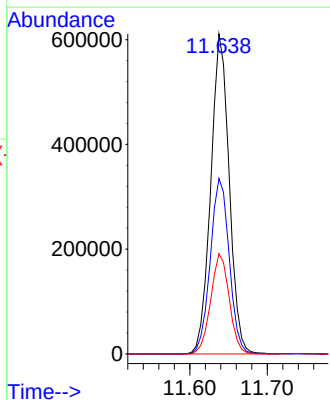
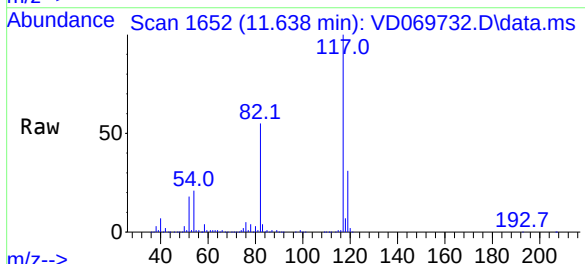
Ion	Ratio	Lower	Upper
95	100		
174	71.9	0.0	140.0
176	68.8	0.0	136.2

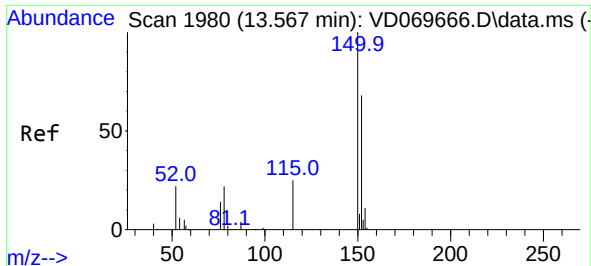


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069732.D
Acq: 16 Jul 2021 18:30

Tgt Ion: 117 Resp: 1009387

Ion	Ratio	Lower	Upper
117	100		
82	54.9	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: VD069732.D
 Acq: 16 Jul 2021 18:30

Instrument :
 MSVOA_D
 ClientSampleId :
 RVR-CF01-02

Tgt Ion:152 Resp: 375885

Ion	Ratio	Lower	Upper
152	100		
115	62.4	31.7	95.1
150	155.7	0.0	350.4

