

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071621\
 Data File : VD069733.D
 Acq On : 16 Jul 2021 18:59
 Operator : VA/SY
 Sample : M3013-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11995

Quant Time: Jul 17 00:56:00 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)

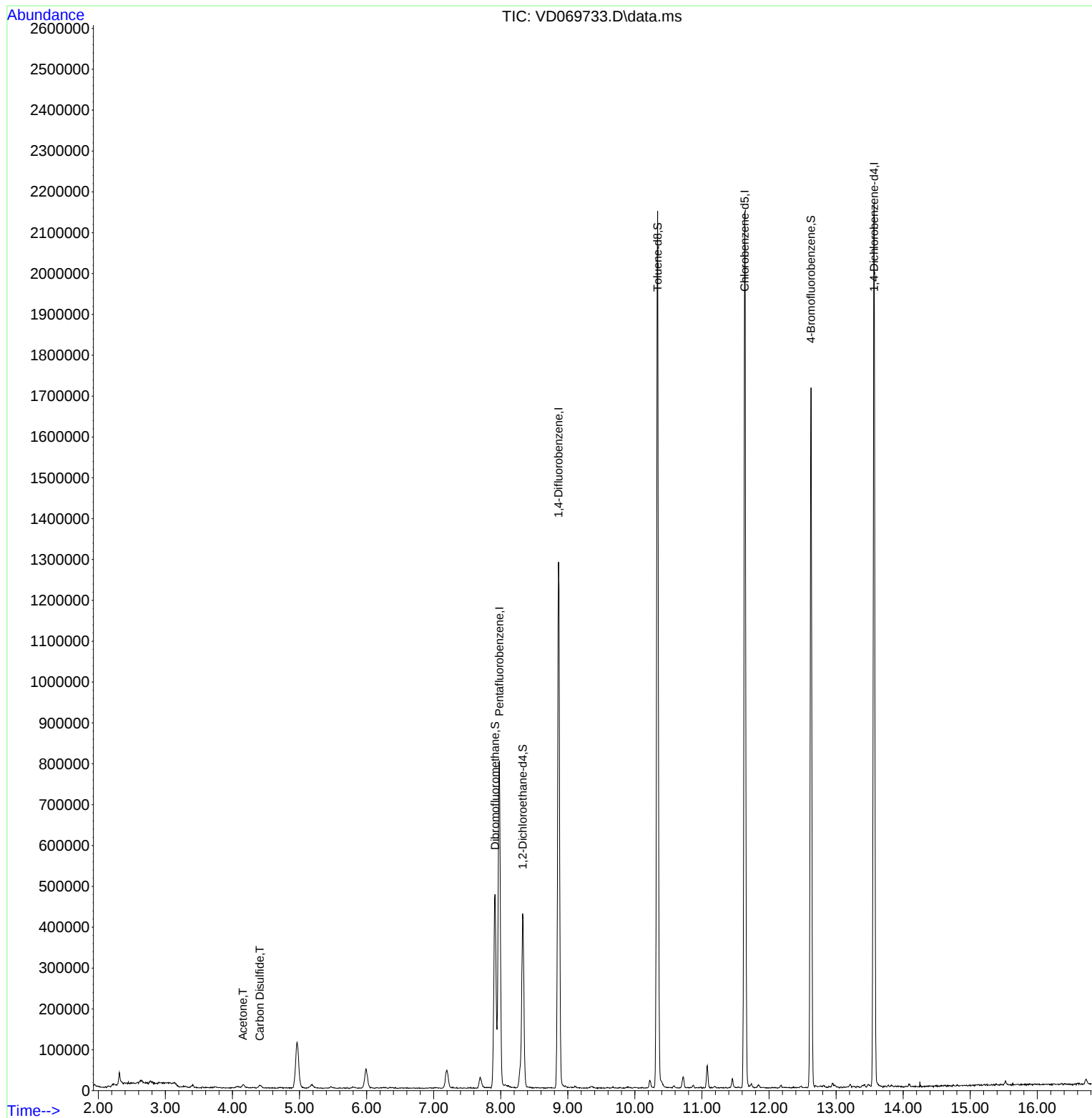
Internal Standards						
1) Pentafluorobenzene	7.979	168	572007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1103835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1243930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	568565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	329040	46.070	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.140%
35) Dibromofluoromethane	7.914	113	347519	46.928	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.860%
50) Toluene-d8	10.338	98	1458824	50.706	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.420%
62) 4-Bromofluorobenzene	12.626	95	581559	60.610	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.220%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	15104	22.209	ug/l #	78
17) Carbon Disulfide	4.409	76	14137	1.072	ug/l	98

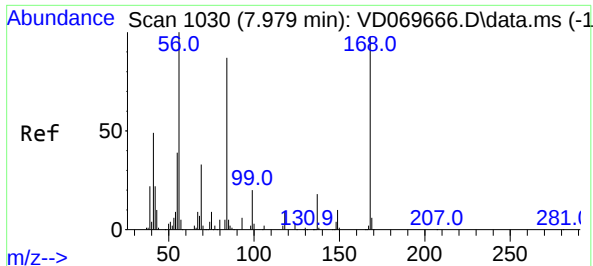
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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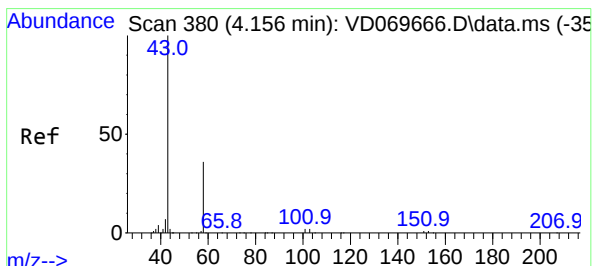
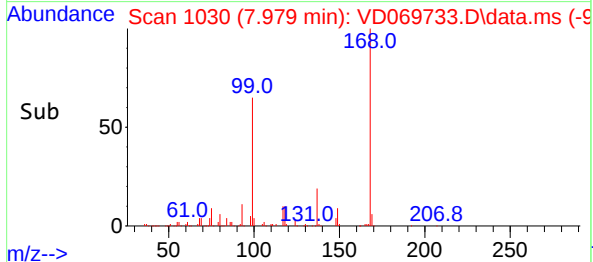
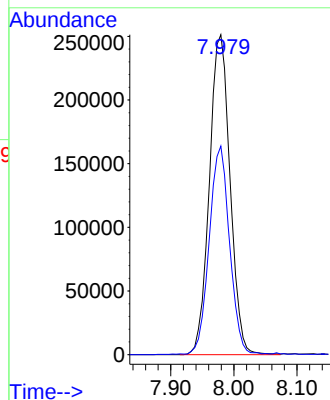
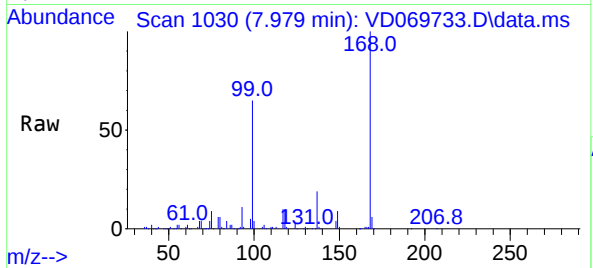




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069733.D
Acq: 16 Jul 2021 18:59

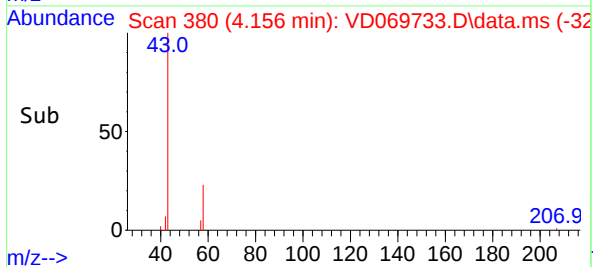
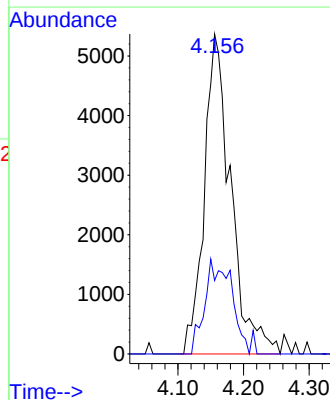
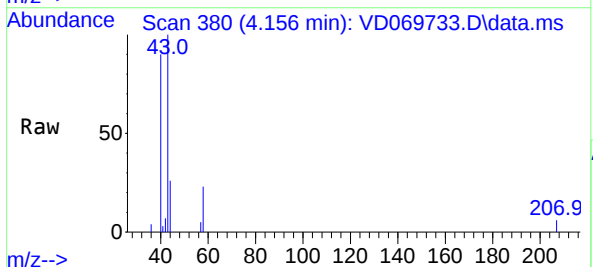
Instrument :
MSVOA_D
ClientSampleId :
72-11995

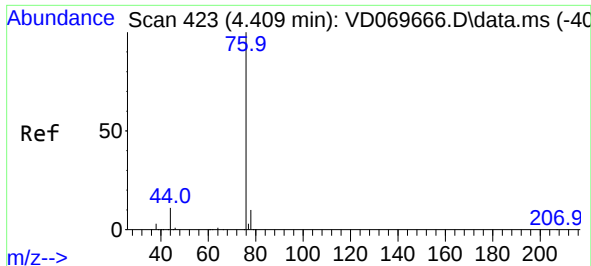
Tgt Ion:168 Resp: 572007
Ion Ratio Lower Upper
168 100
99 64.9 51.8 77.6



#16
Acetone
Concen: 22.209 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069733.D
Acq: 16 Jul 2021 18:59

Tgt Ion: 43 Resp: 15104
Ion Ratio Lower Upper
43 100
58 23.0 28.6 42.8#

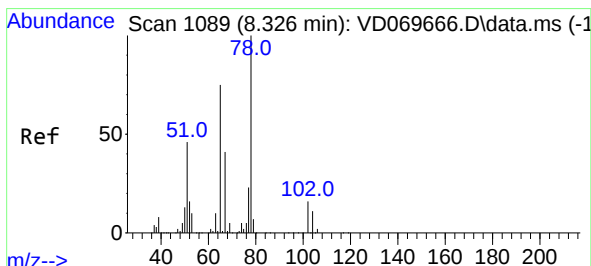
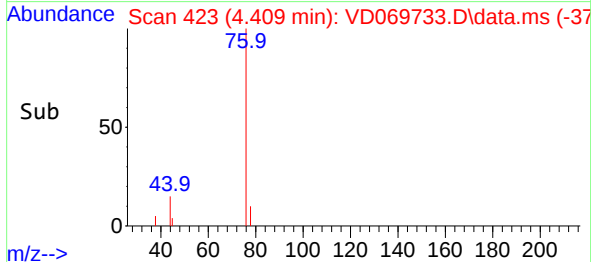
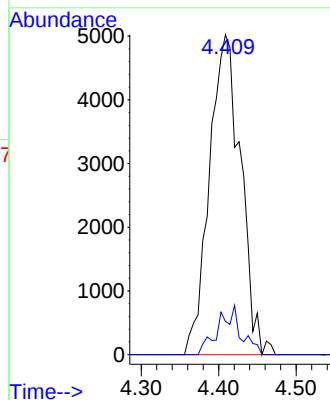
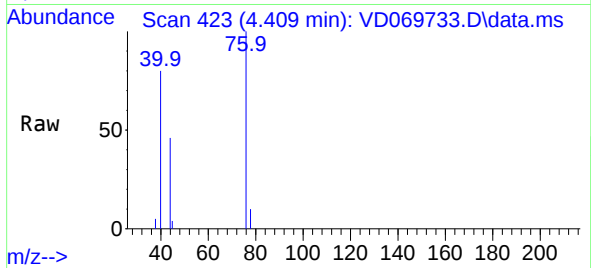




#17
Carbon Disulfide
Concen: 1.072 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069733.D
Acq: 16 Jul 2021 18:59

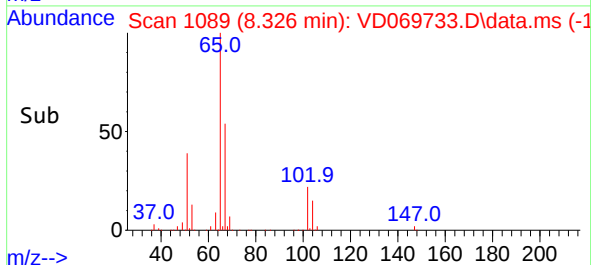
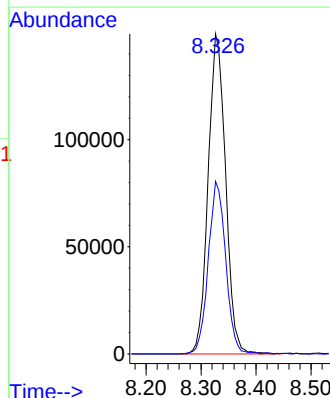
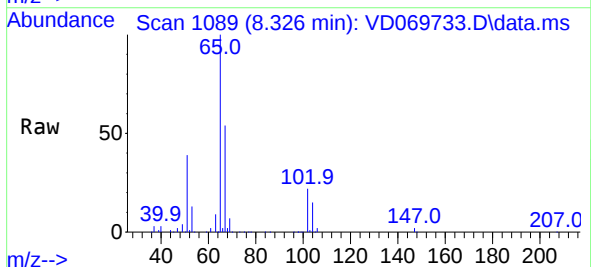
Instrument :
MSVOA_D
ClientSampleId :
72-11995

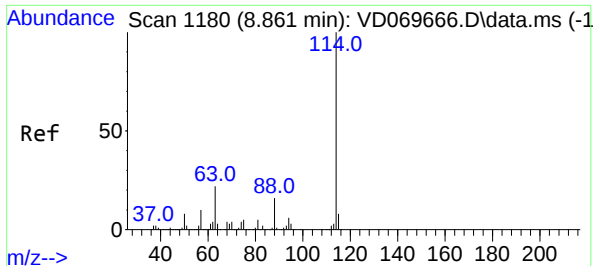
Tgt Ion: 76 Resp: 14137
Ion Ratio Lower Upper
76 100
78 10.4 7.6 11.4



#33
1,2-Dichloroethane-d4
Concen: 46.070 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069733.D
Acq: 16 Jul 2021 18:59

Tgt Ion: 65 Resp: 329040
Ion Ratio Lower Upper
65 100
67 53.8 0.0 107.2

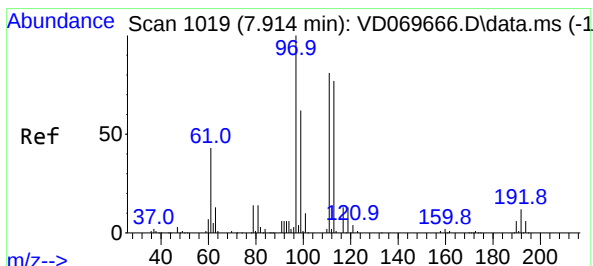
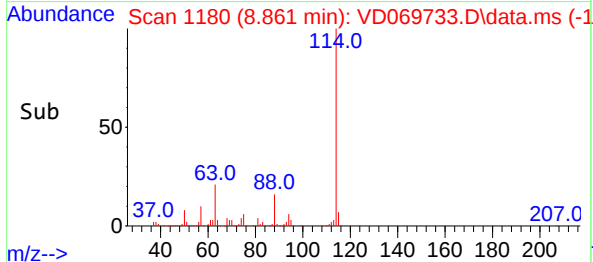
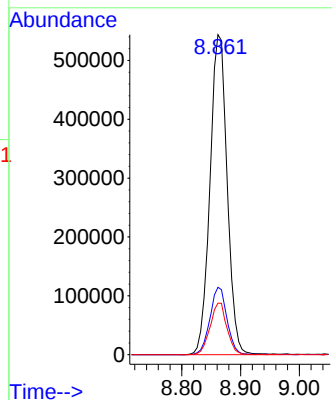
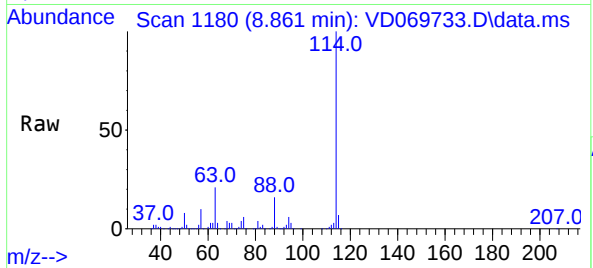




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069733.D
Acq: 16 Jul 2021 18:59

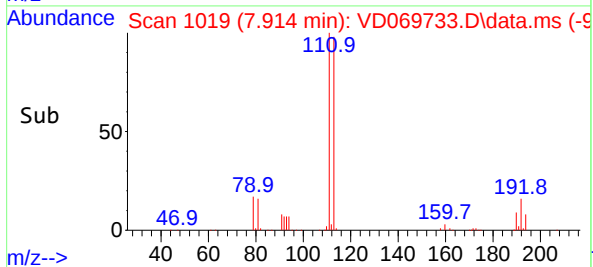
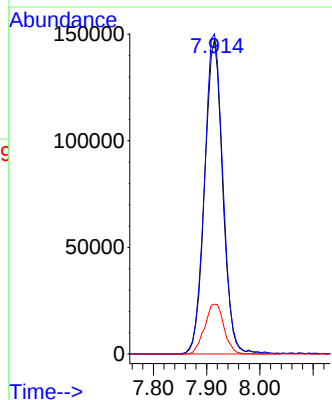
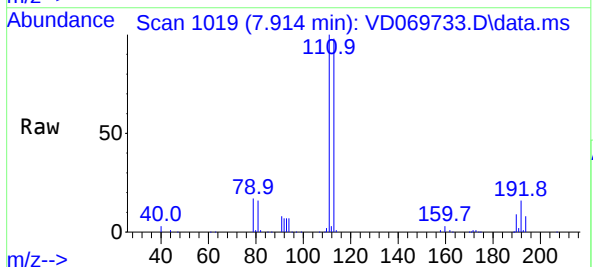
Instrument :
MSVOA_D
ClientSampleId :
72-11995

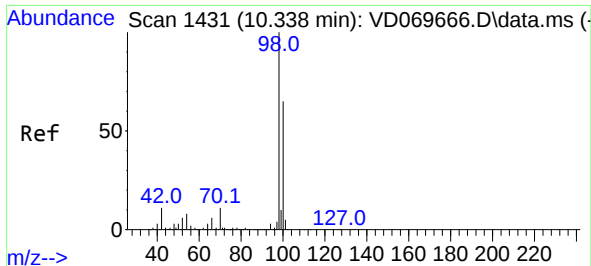
Tgt Ion:114 Resp: 1103835
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.4
88 16.1 0.0 32.0



#35
Dibromofluoromethane
Concen: 46.928 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069733.D
Acq: 16 Jul 2021 18:59

Tgt Ion:113 Resp: 347519
Ion Ratio Lower Upper
113 100
111 104.1 82.6 123.8
192 17.0 12.7 19.1

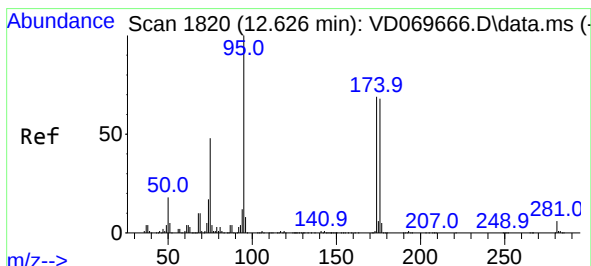
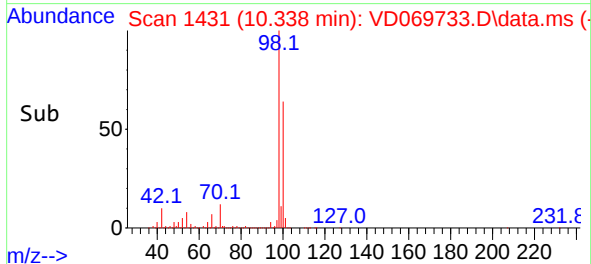
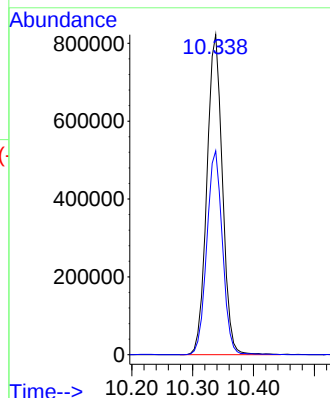
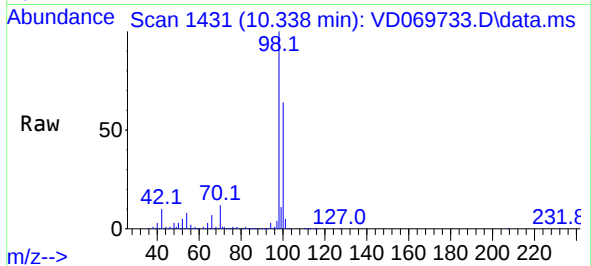




#50
Toluene-d8
Concen: 50.706 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069733.D
Acq: 16 Jul 2021 18:59

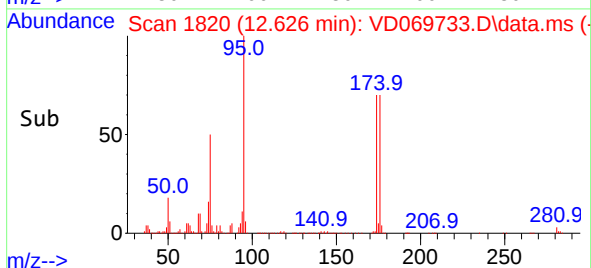
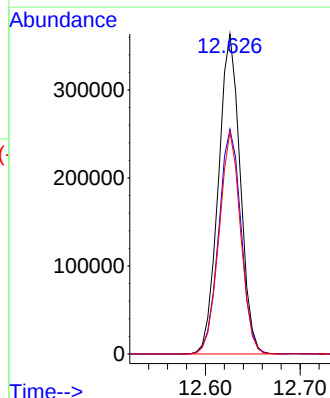
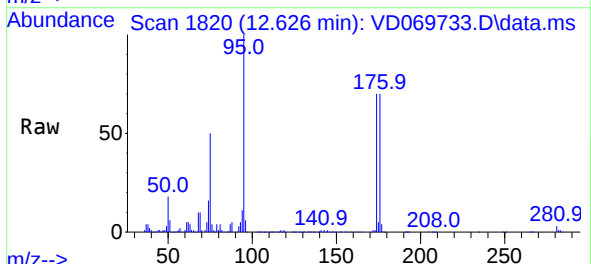
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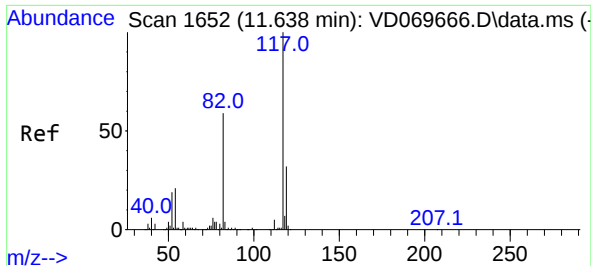
Tgt Ion: 98 Resp: 1458824
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 60.610 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069733.D
Acq: 16 Jul 2021 18:59

Tgt Ion: 95 Resp: 581559
Ion Ratio Lower Upper
95 100
174 72.3 0.0 140.0
176 68.8 0.0 136.2

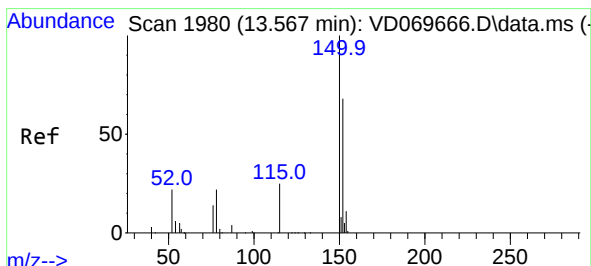
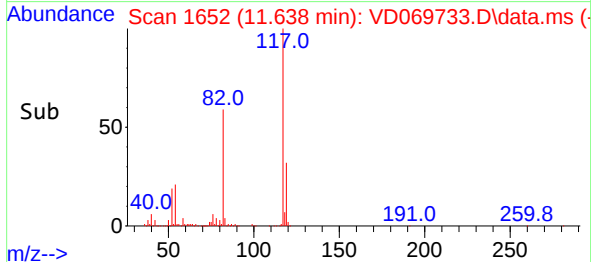
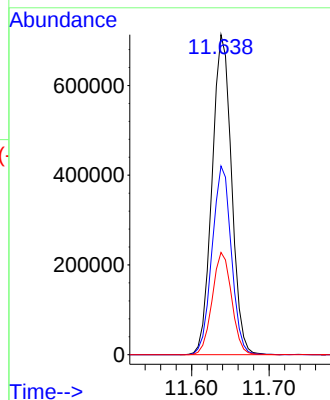
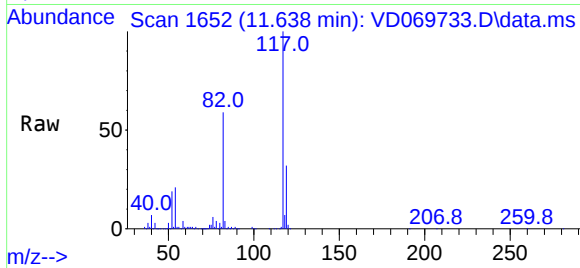




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069733.D
Acq: 16 Jul 2021 18:59

Instrument :
MSVOA_D
ClientSampleId :
72-11995

Tgt Ion:117 Resp: 1243930
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 31.9 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: VD069733.D
Acq: 16 Jul 2021 18:59

Tgt Ion:152 Resp: 568565
Ion Ratio Lower Upper
152 100
115 63.1 31.7 95.1
150 158.3 0.0 350.4

