

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080921\
 Data File : VD070003.D
 Acq On : 09 Aug 2021 18:24
 Operator : VA/SY
 Sample : M3314-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11931

Quant Time: Aug 10 07:05:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

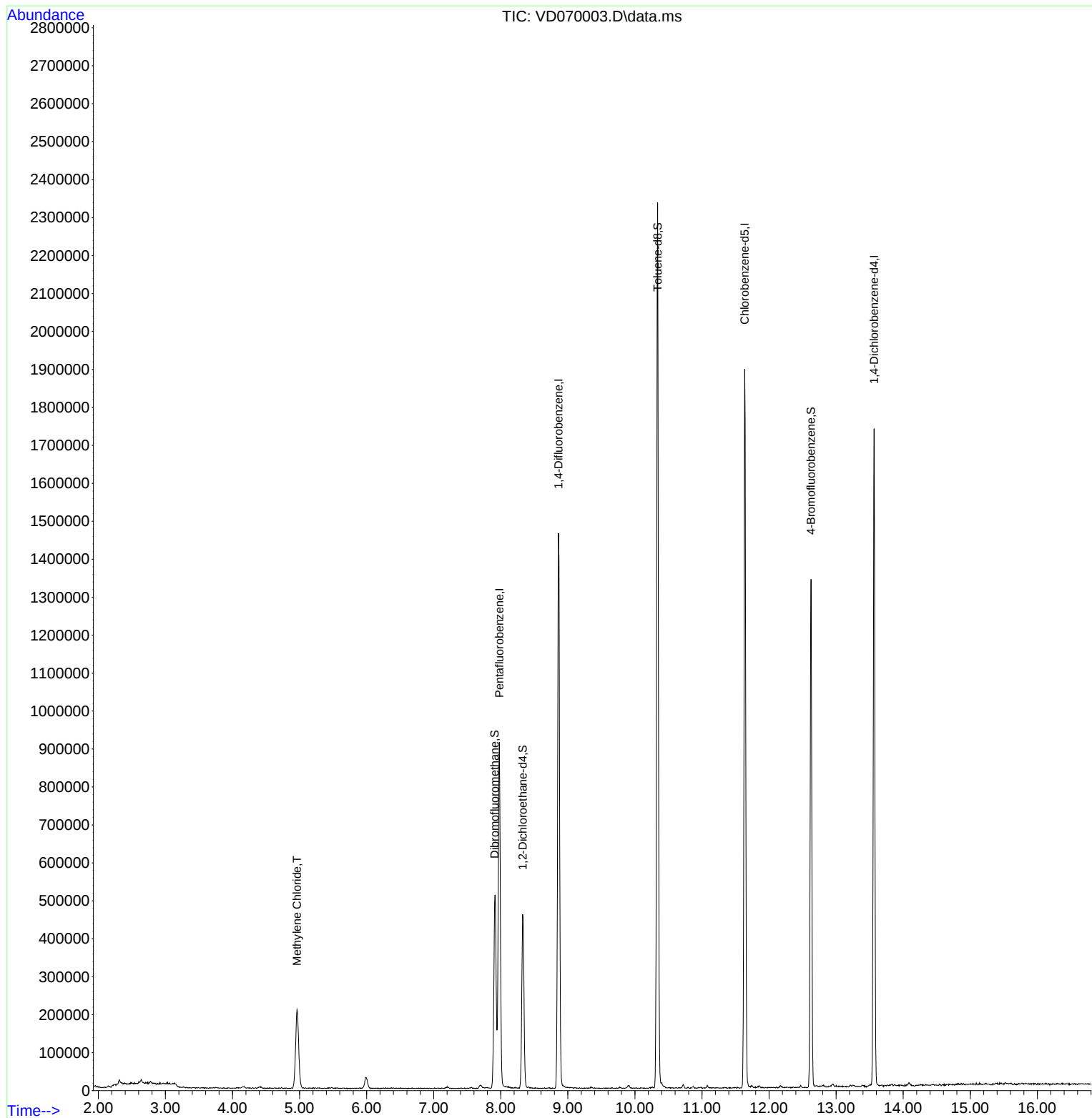
Internal Standards						
1) Pentafluorobenzene	7.979	168	624005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1261406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1120920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	449226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	367110	51.154	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.300%
35) Dibromofluoromethane	7.908	113	386828	48.646	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.300%
50) Toluene-d8	10.338	98	1589701	51.846	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.700%
62) 4-Bromofluorobenzene	12.626	95	471868	46.048	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.100%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.961	84	166774	13.098	ug/l	98

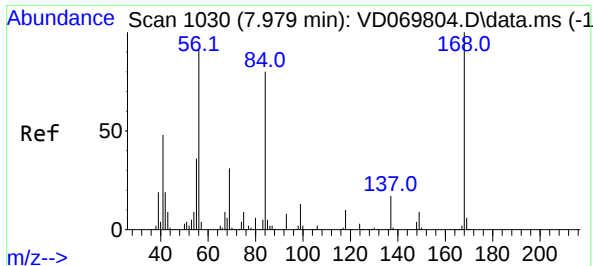
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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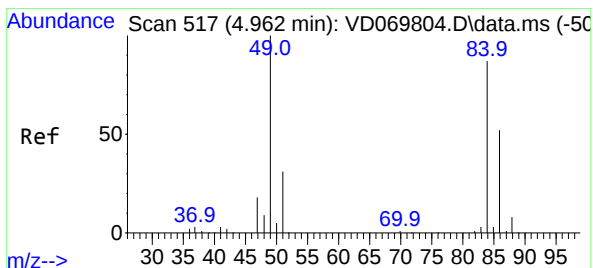
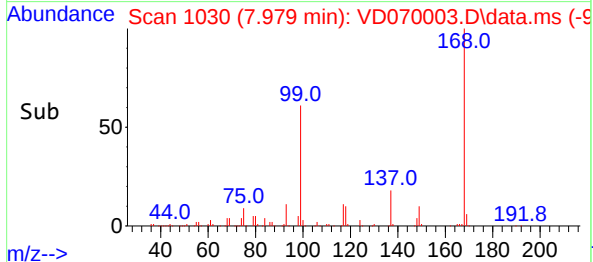
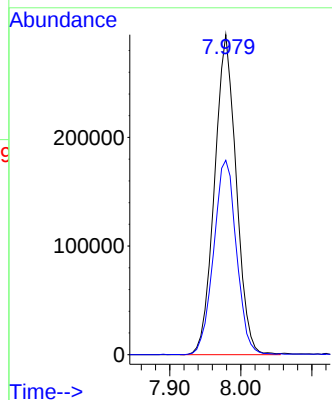
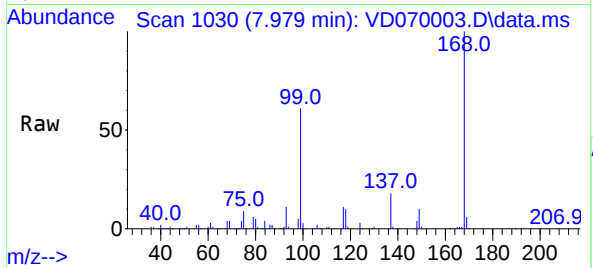




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070003.D
Acq: 09 Aug 2021 18:24

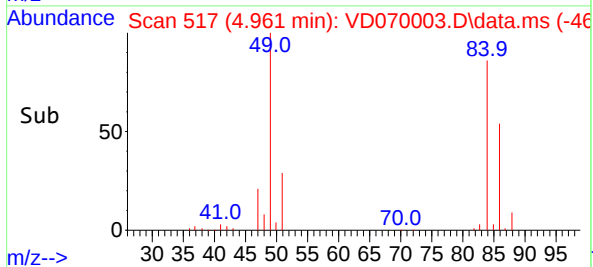
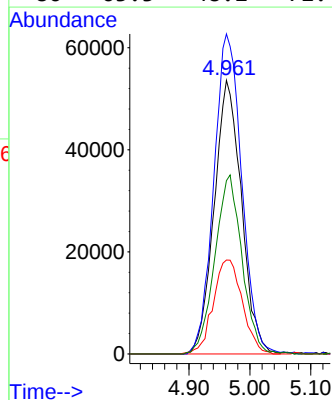
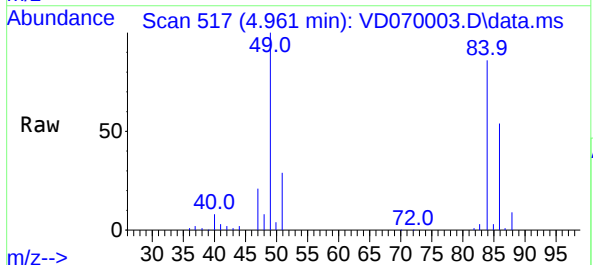
Instrument :
MSVOA_D
ClientSampleId :
72-11931

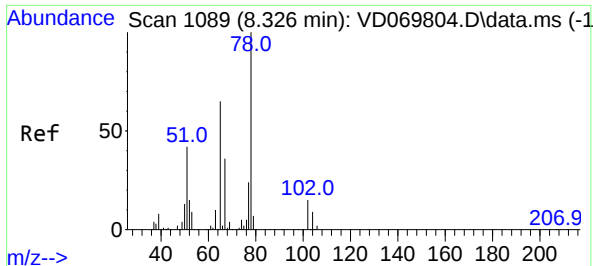
Tgt Ion:168 Resp: 624005
Ion Ratio Lower Upper
168 100
99 60.7 51.1 76.7



#20
Methylene Chloride
Concen: 13.098 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070003.D
Acq: 09 Aug 2021 18:24

Tgt Ion: 84 Resp: 166774
Ion Ratio Lower Upper
84 100
49 117.0 92.4 138.6
51 34.3 28.5 42.7
86 63.3 48.2 72.4

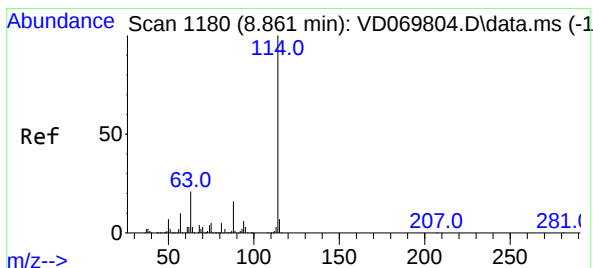
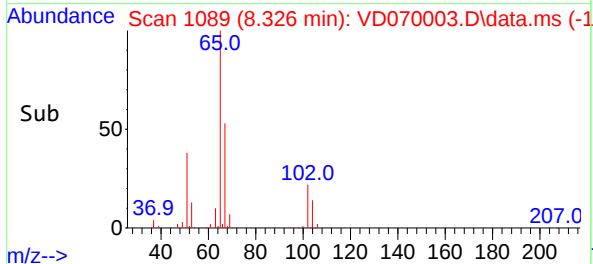
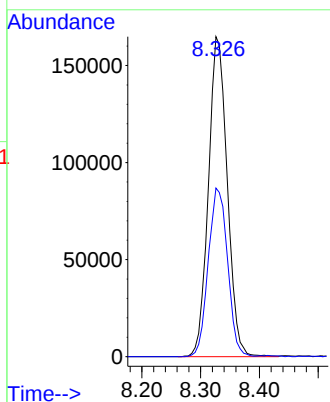
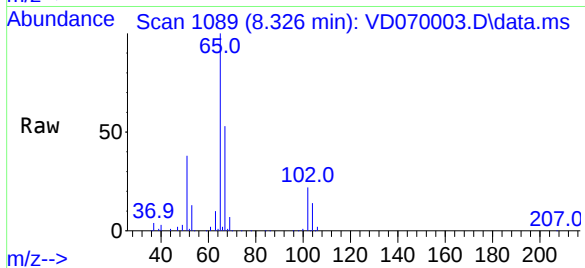




#33
1,2-Dichloroethane-d4
Concen: 51.154 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070003.D
Acq: 09 Aug 2021 18:24

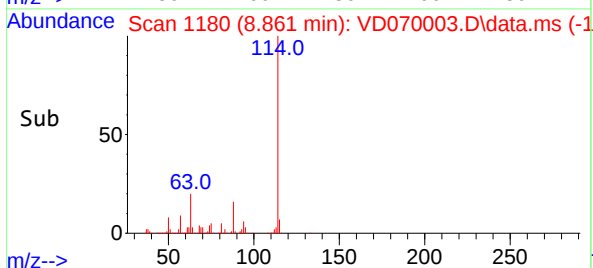
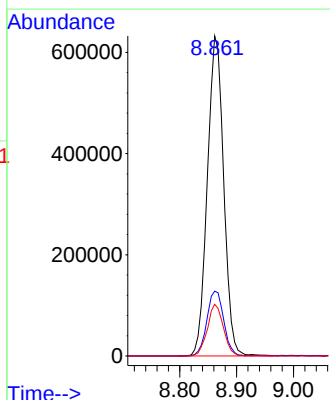
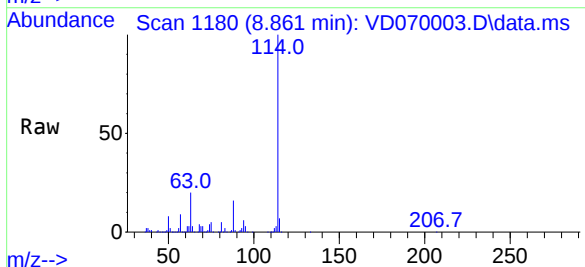
Instrument :
MSVOA_D
ClientSampleId :
72-11931

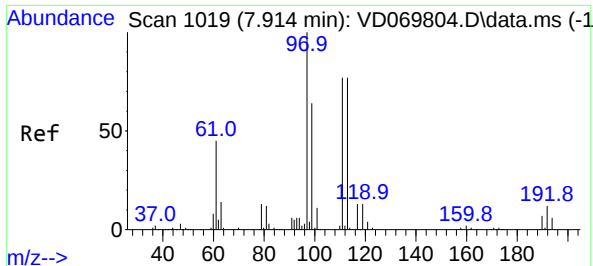
Tgt Ion: 65 Resp: 367110
Ion Ratio Lower Upper
65 100
67 53.9 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070003.D
Acq: 09 Aug 2021 18:24

Tgt Ion: 114 Resp: 1261406
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.6
88 16.2 0.0 31.4

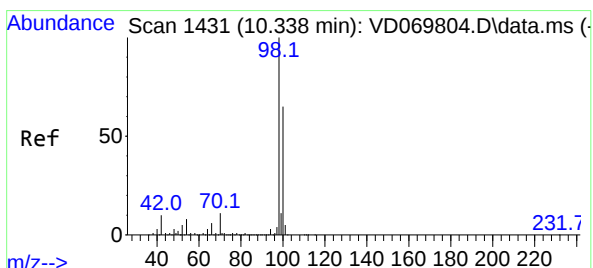
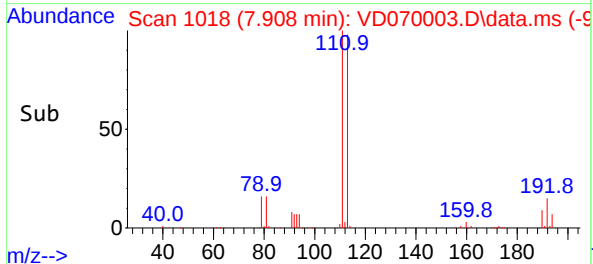
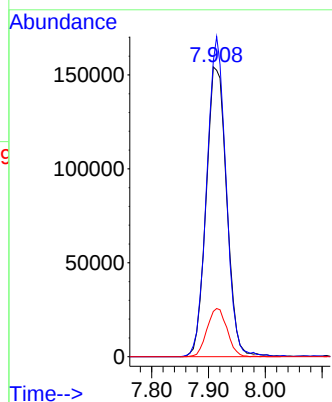
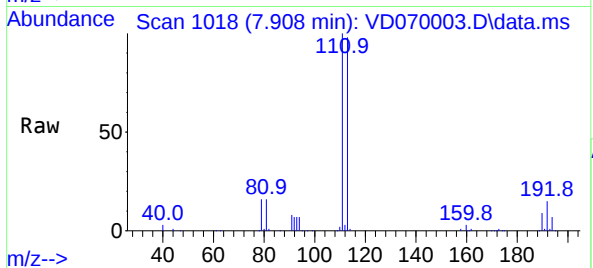




#35
Dibromofluoromethane
Concen: 48.646 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070003.D
Acq: 09 Aug 2021 18:24

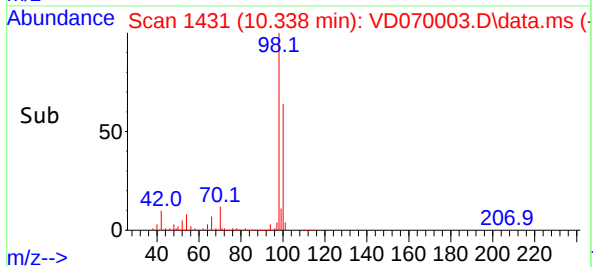
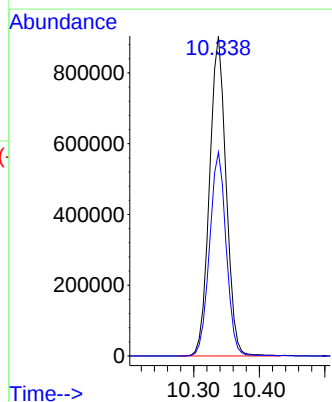
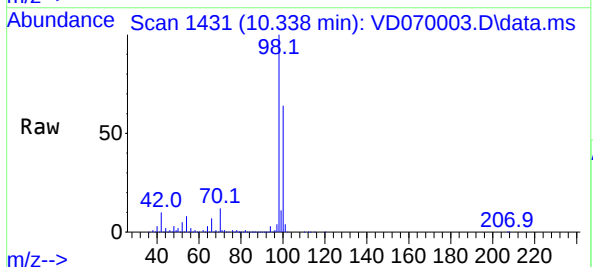
Instrument :
MSVOA_D
ClientSampleId :
72-11931

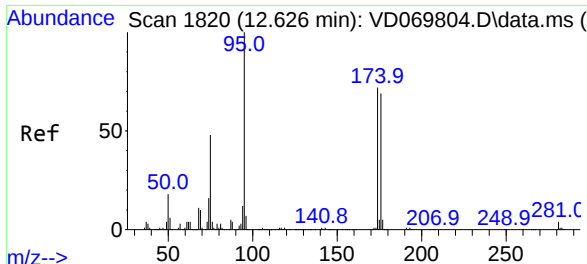
Tgt Ion:113 Resp: 386828
Ion Ratio Lower Upper
113 100
111 103.4 80.5 120.7
192 16.2 12.6 19.0



#50
Toluene-d8
Concen: 51.846 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070003.D
Acq: 09 Aug 2021 18:24

Tgt Ion: 98 Resp: 1589701
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

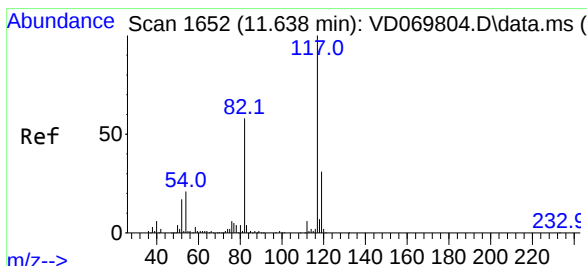
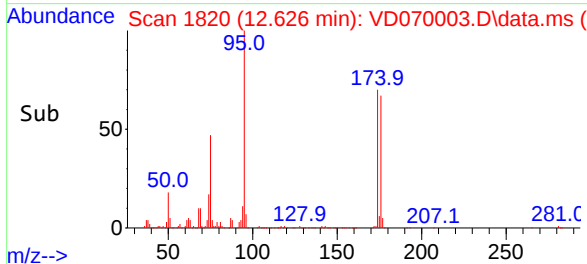
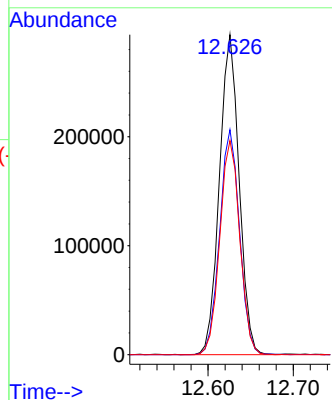
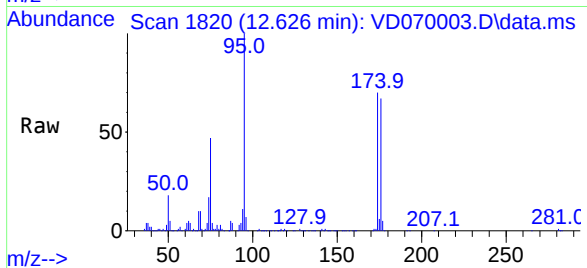




#62
4-Bromofluorobenzene
Concen: 46.048 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070003.D
Acq: 09 Aug 2021 18:24

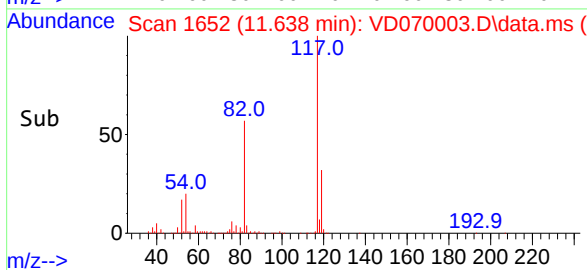
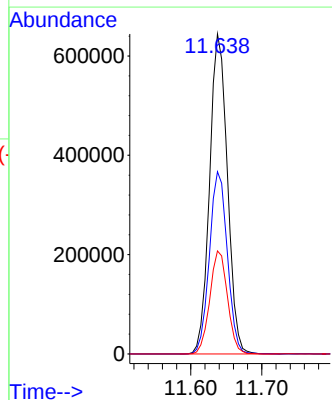
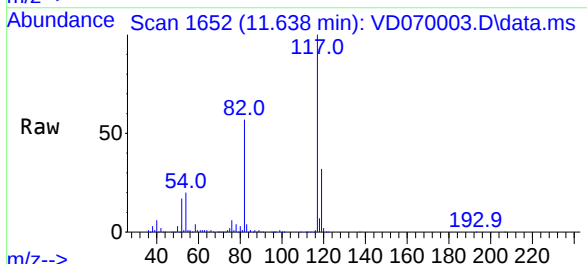
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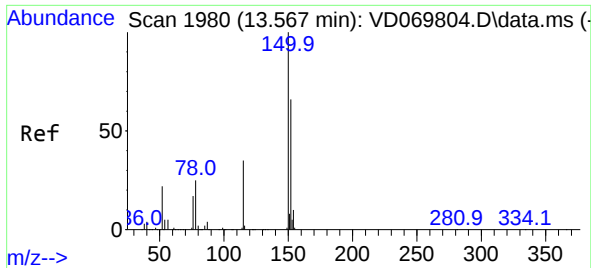
Tgt Ion: 95 Resp: 471868
Ion Ratio Lower Upper
95 100
174 71.0 0.0 142.6
176 67.9 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070003.D
Acq: 09 Aug 2021 18:24

Tgt Ion: 117 Resp: 1120920
Ion Ratio Lower Upper
117 100
82 56.9 46.3 69.5
119 32.2 24.7 37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070003.D
 Acq: 09 Aug 2021 18:24

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11931

Tgt Ion:152 Resp: 449226
 Ion Ratio Lower Upper
 152 100
 115 62.7 31.1 93.3
 150 157.5 0.0 343.0

