

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082321\
 Data File : VD070231.D
 Acq On : 23 Aug 2021 20:10
 Operator : VA/SY
 Sample : M3507-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 130-A

Quant Time: Aug 24 01:32:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

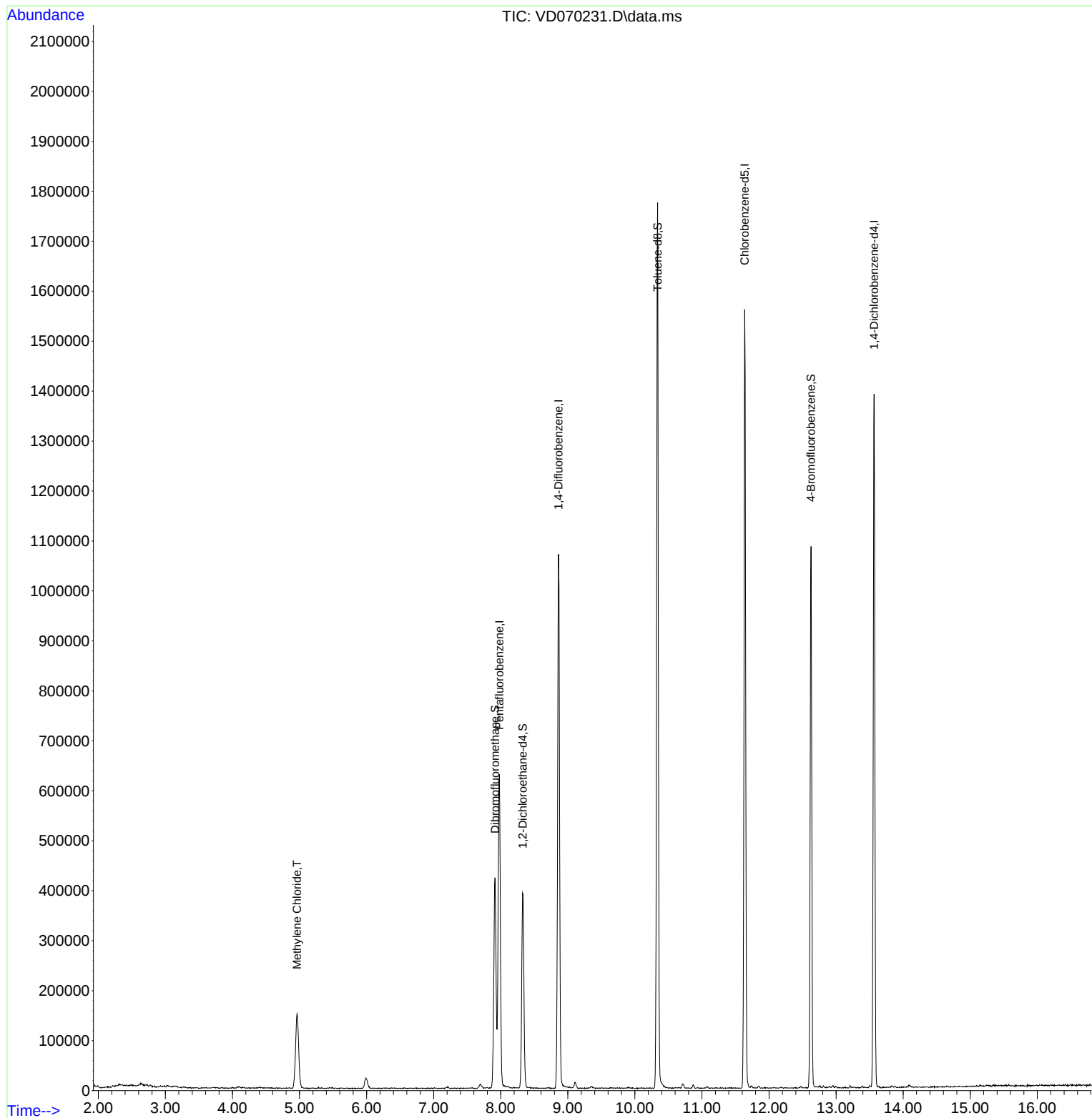
Internal Standards						
1) Pentafluorobenzene	7.979	168	447306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	915407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	900477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	375427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	307984	58.541	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.080%
35) Dibromofluoromethane	7.914	113	306044	51.748	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.500%
50) Toluene-d8	10.338	98	1201404	52.229	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.460%
62) 4-Bromofluorobenzene	12.626	95	368645	48.656	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.320%
Target Compounds						Qvalue
20) Methylene Chloride	4.962	84	122523	12.424	ug/l	95

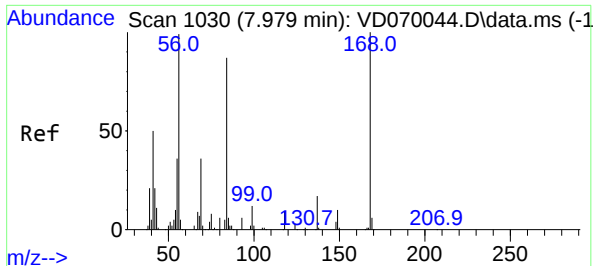
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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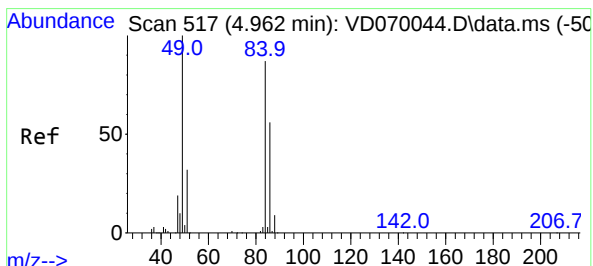
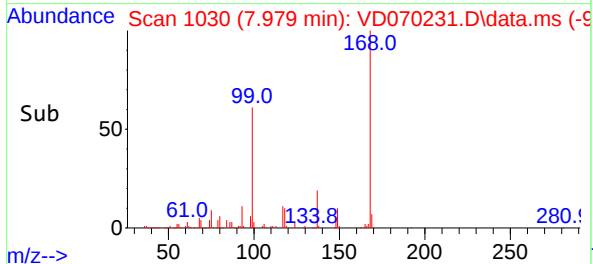
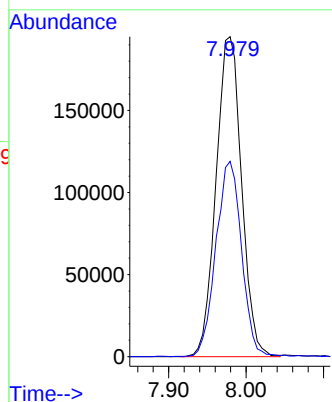
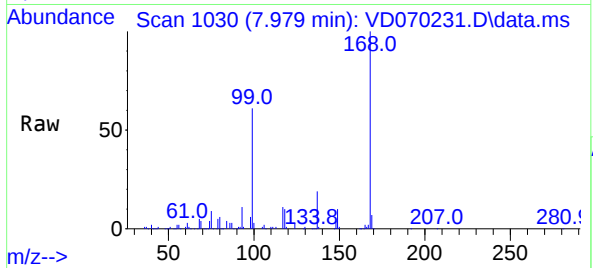




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070231.D
Acq: 23 Aug 2021 20:10

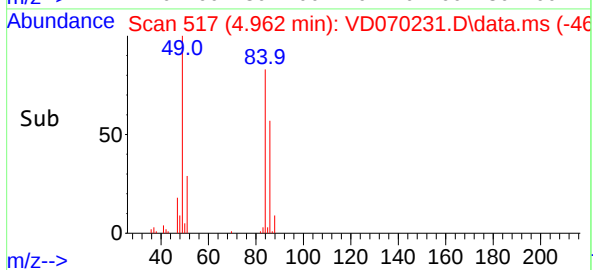
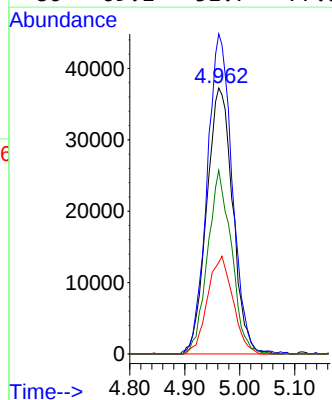
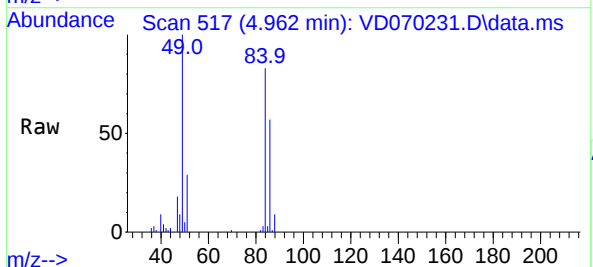
Instrument :
MSVOA_D
ClientSampleId :
130-A

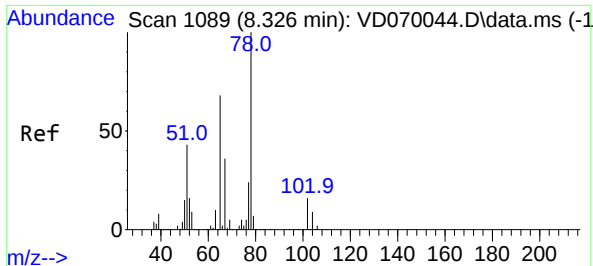
Tgt Ion:168 Resp: 447306
Ion Ratio Lower Upper
168 100
99 61.0 50.3 75.5



#20
Methylene Chloride
Concen: 12.424 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070231.D
Acq: 23 Aug 2021 20:10

Tgt Ion: 84 Resp: 122523
Ion Ratio Lower Upper
84 100
49 120.3 92.5 138.7
51 34.4 29.7 44.5
86 69.1 51.7 77.5

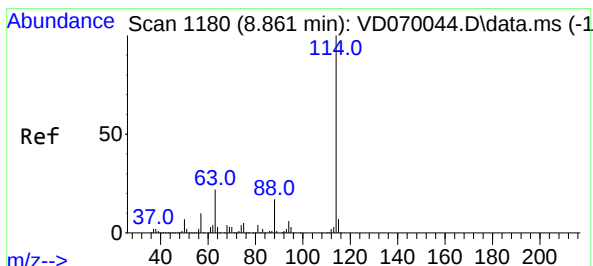
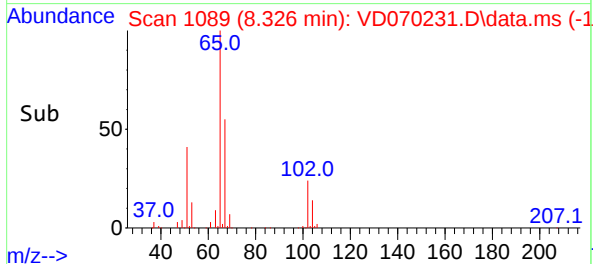
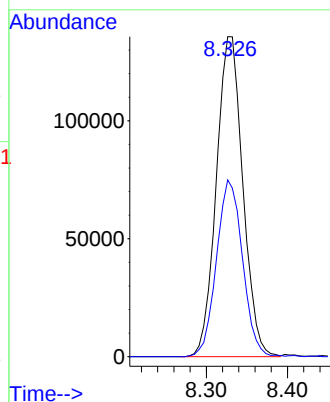
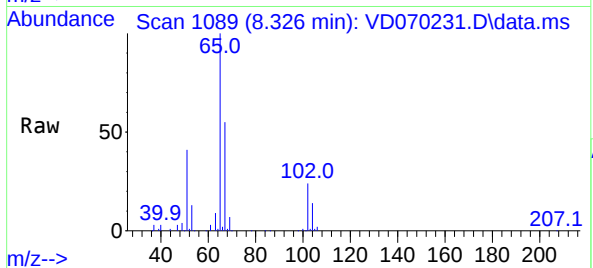




#33
1,2-Dichloroethane-d4
Concen: 58.541 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070231.D
Acq: 23 Aug 2021 20:10

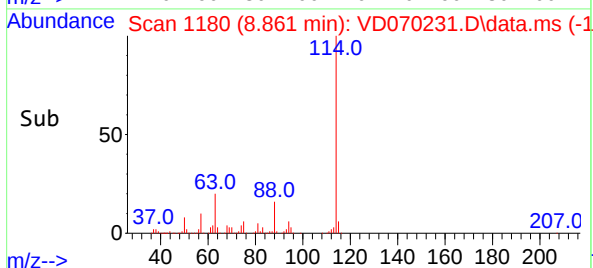
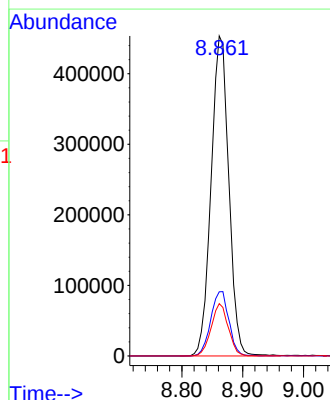
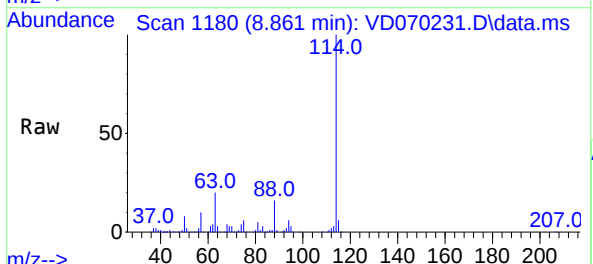
Instrument :
MSVOA_D
ClientSampleId :
130-A

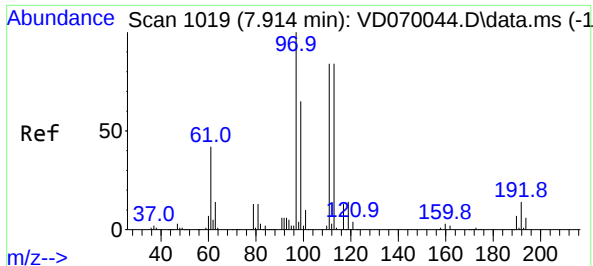
Tgt Ion: 65 Resp: 307984
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070231.D
Acq: 23 Aug 2021 20:10

Tgt Ion: 114 Resp: 915407
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.6
88 16.3 0.0 33.4



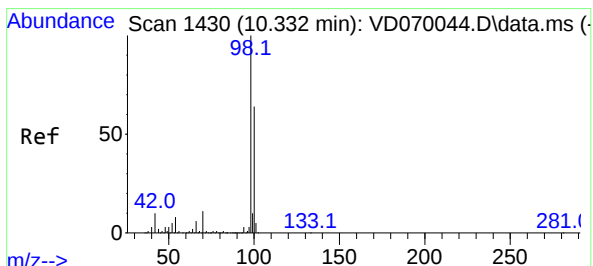
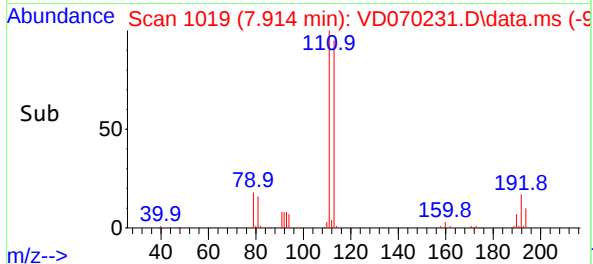
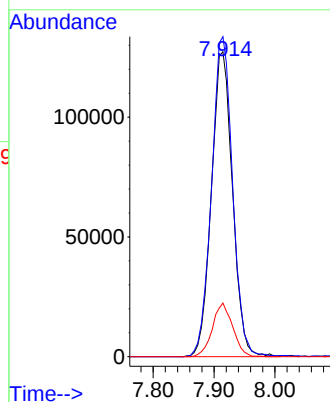
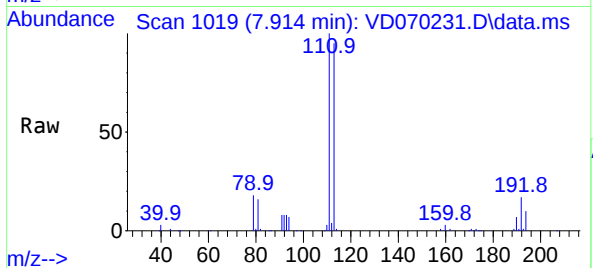


#35
Dibromofluoromethane
Concen: 51.748 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070231.D
Acq: 23 Aug 2021 20:10

Instrument :
MSVOA_D
ClientSampleId :
130-A

Tgt Ion:113 Resp: 306044

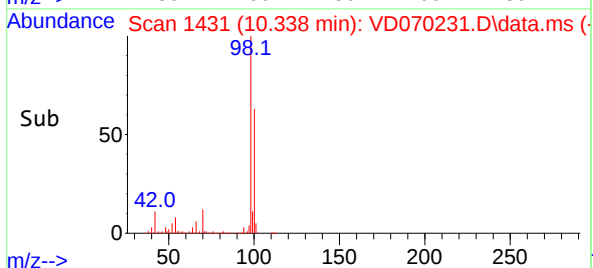
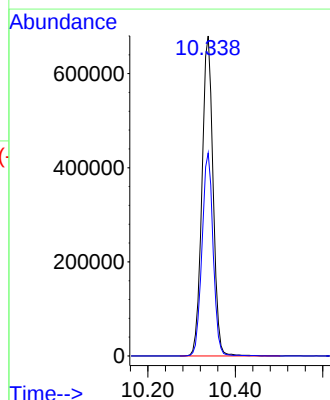
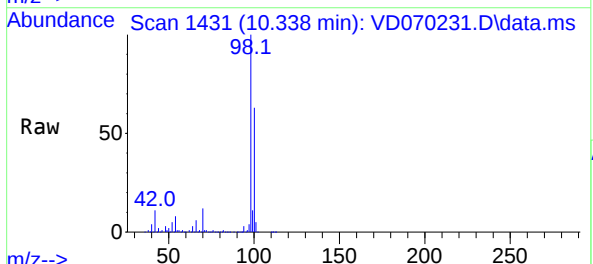
Ion	Ratio	Lower	Upper
113	100		
111	104.7	81.8	122.6
192	16.9	13.2	19.8

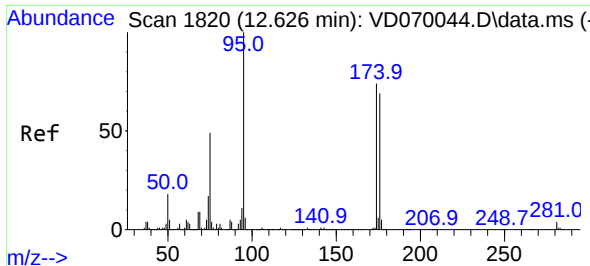


#50
Toluene-d8
Concen: 52.229 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070231.D
Acq: 23 Aug 2021 20:10

Tgt Ion: 98 Resp: 1201404

Ion	Ratio	Lower	Upper
98	100		
100	63.4	52.6	78.8

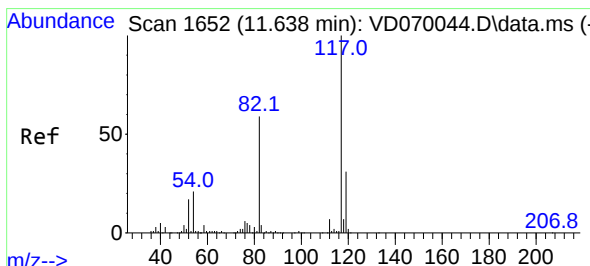
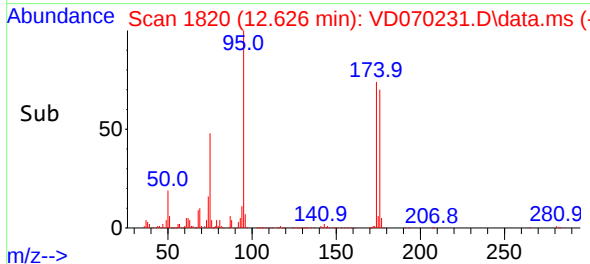
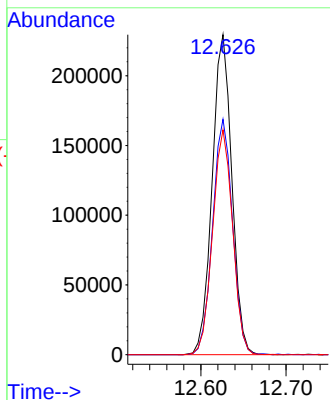
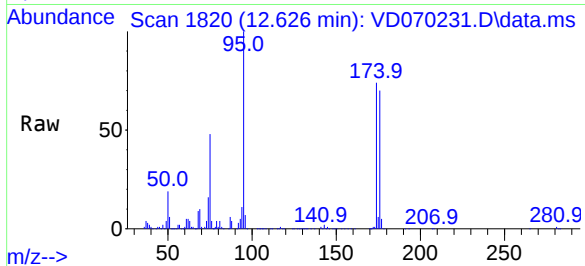




#62
4-Bromofluorobenzene
Concen: 48.656 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070231.D
Acq: 23 Aug 2021 20:10

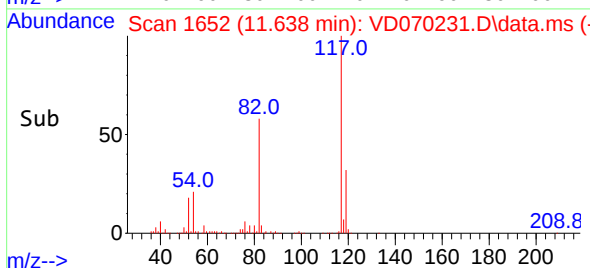
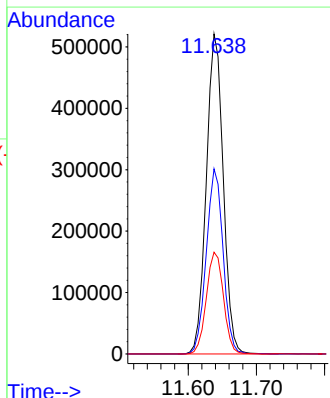
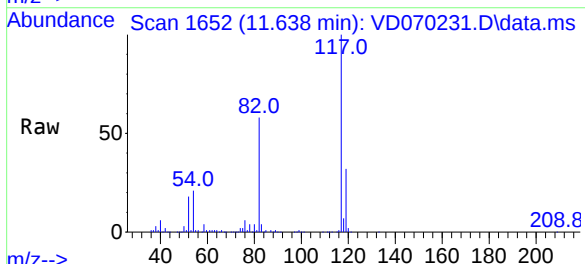
Instrument :
MSVOA_D
ClientSampleId :
130-A

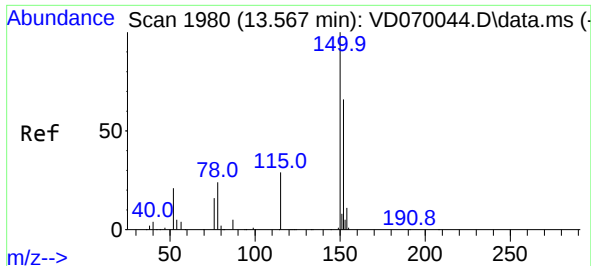
Tgt Ion:	95	Resp:	368645
Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	141.6
176	71.4	0.0	138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070231.D
Acq: 23 Aug 2021 20:10

Tgt Ion:	117	Resp:	900477
Ion	Ratio	Lower	Upper
117	100		
82	57.9	47.5	71.3
119	31.8	25.1	37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD070231.D
 Acq: 23 Aug 2021 20:10

Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion:152 Resp: 375427

Ion	Ratio	Lower	Upper
152	100		
115	58.7	31.2	93.6
150	156.7	0.0	352.0

