

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082521\
 Data File : VD070246.D
 Acq On : 25 Aug 2021 12:48
 Operator : VA/SY
 Sample : M3507-02RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 130-BRE

Quant Time: Aug 25 14:45:56 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)

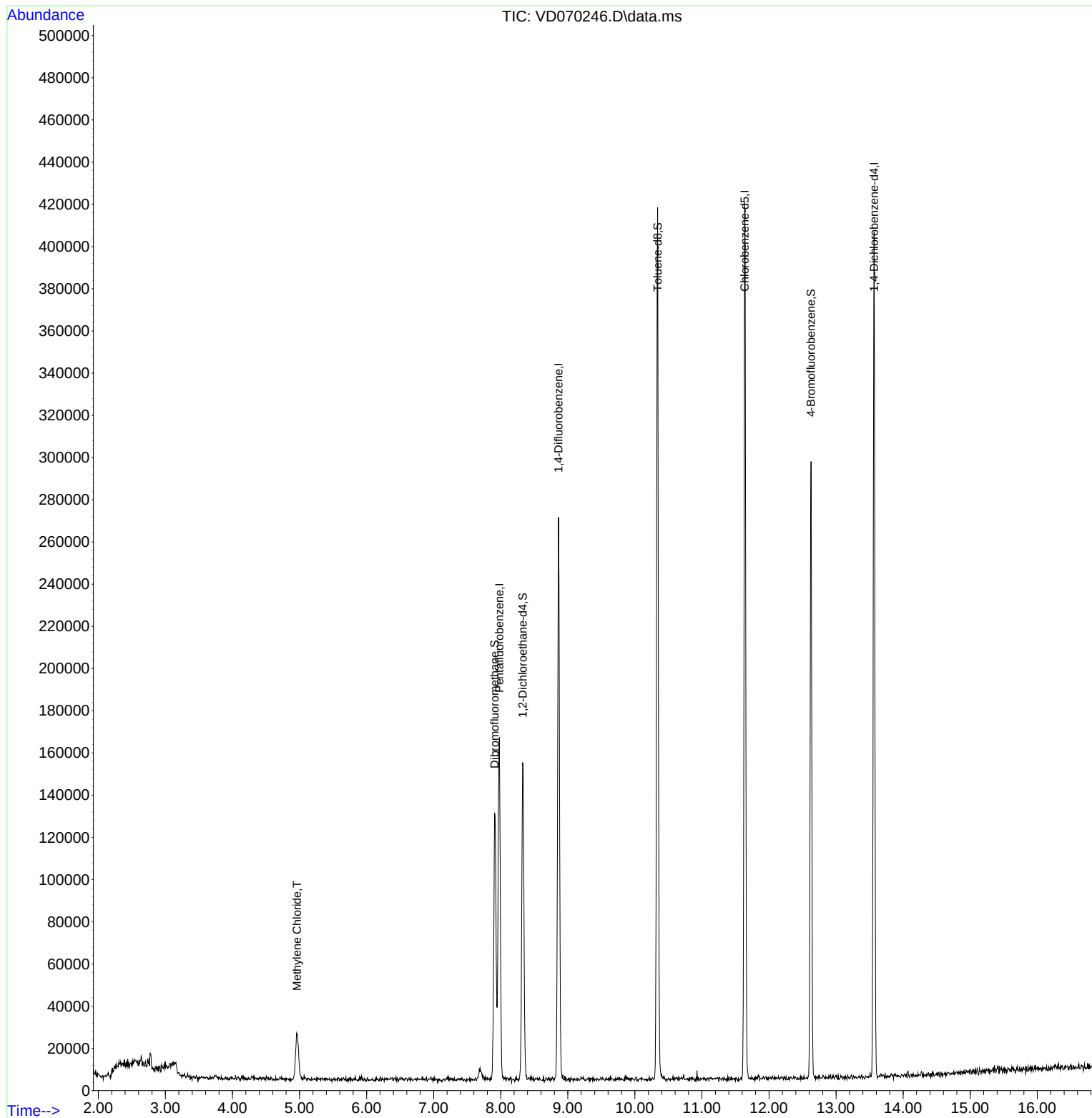
Internal Standards						
1) Pentafluorobenzene	7.979	168	112908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	218017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	241513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	106913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	118967	89.585	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 179.180%#	
35) Dibromofluoromethane	7.908	113	94819	67.318	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 134.640%	
50) Toluene-d8	10.338	98	285119	52.044	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.080%	
62) 4-Bromofluorobenzene	12.626	95	100662	55.786	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.580%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.962	84	16840	2.329	ug/l	96

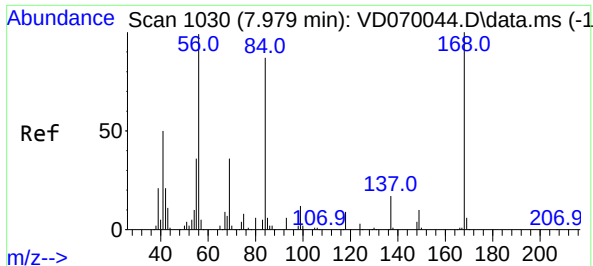
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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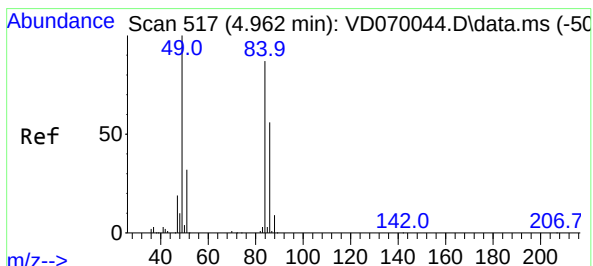
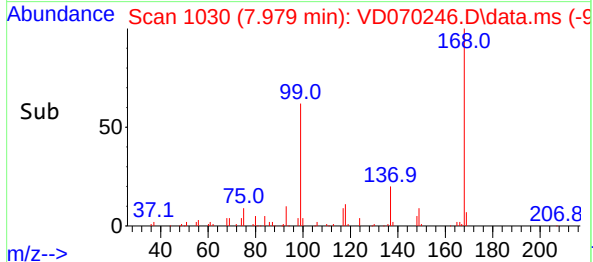
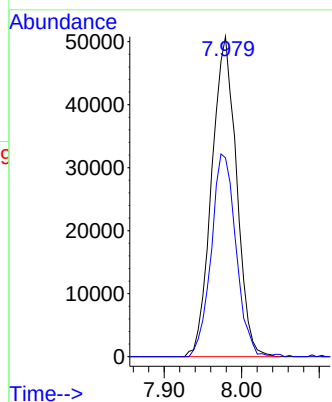
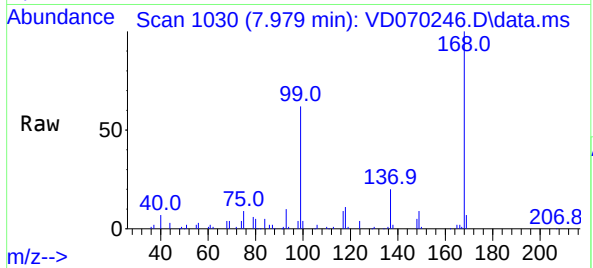




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070246.D
Acq: 25 Aug 2021 12:48

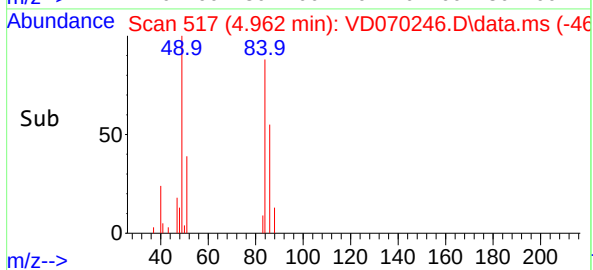
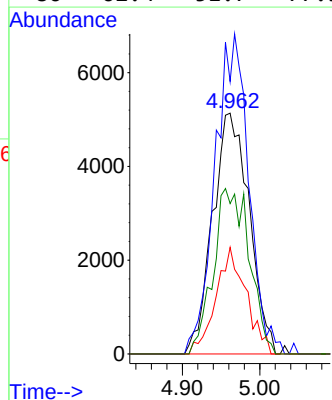
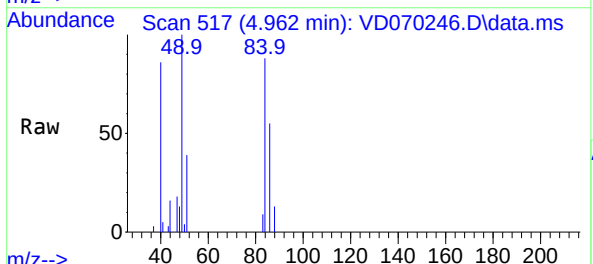
Instrument :
MSVOA_D
ClientSampleId :
130-BRE

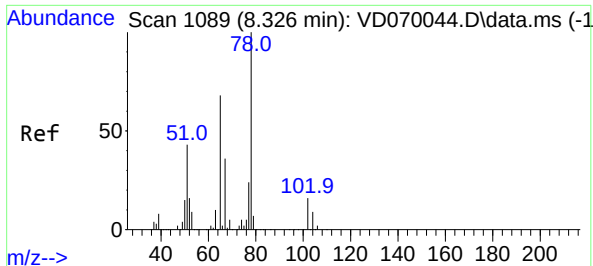
Tgt Ion:168 Resp: 112908
Ion Ratio Lower Upper
168 100
99 62.2 50.3 75.5



#20
Methylene Chloride
Concen: 2.329 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070246.D
Acq: 25 Aug 2021 12:48

Tgt Ion: 84 Resp: 16840
Ion Ratio Lower Upper
84 100
49 113.1 92.5 138.7
51 44.2 29.7 44.5
86 62.4 51.7 77.5



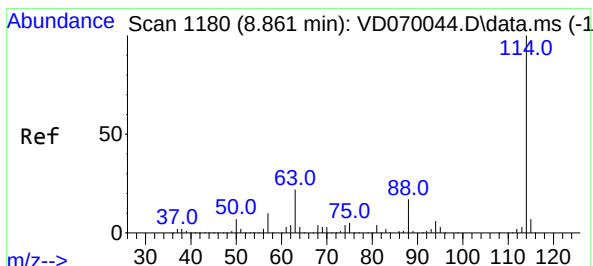
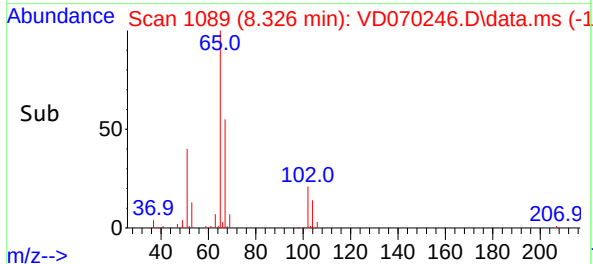
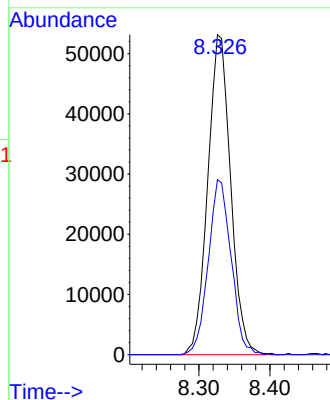
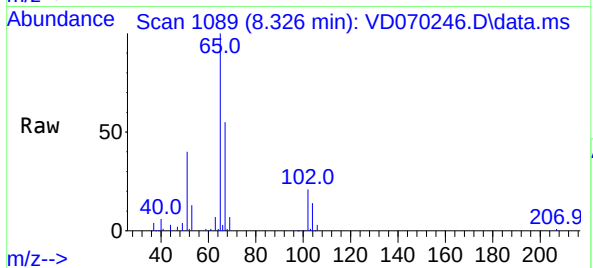


#33

1,2-Dichloroethane-d4
Concen: 89.585 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070246.D
Acq: 25 Aug 2021 12:48

Instrument :
MSVOA_D
ClientSampled :
130-BRE

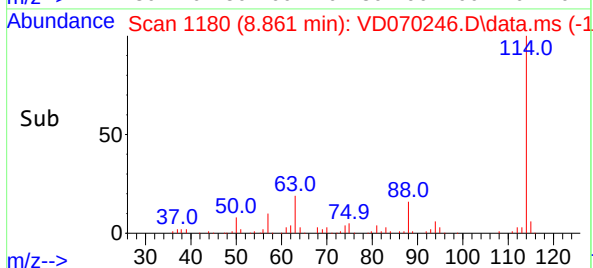
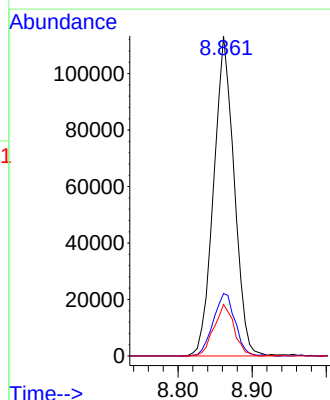
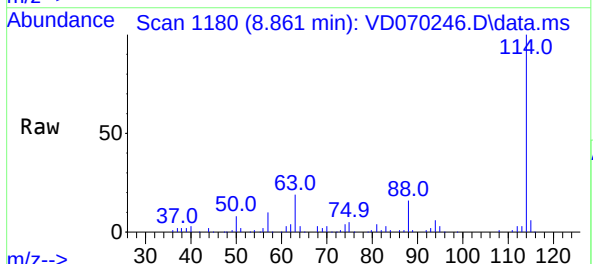
Tgt Ion: 65 Resp: 118967
Ion Ratio Lower Upper
65 100
67 54.5 0.0 107.8

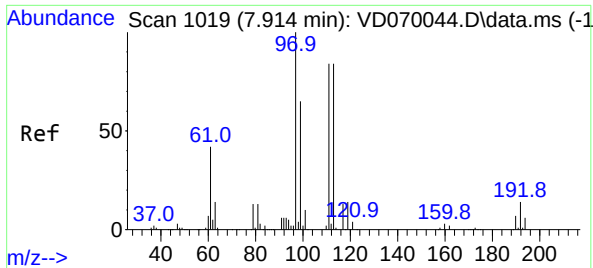


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070246.D
Acq: 25 Aug 2021 12:48

Tgt Ion: 114 Resp: 218017
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.6
88 16.1 0.0 33.4

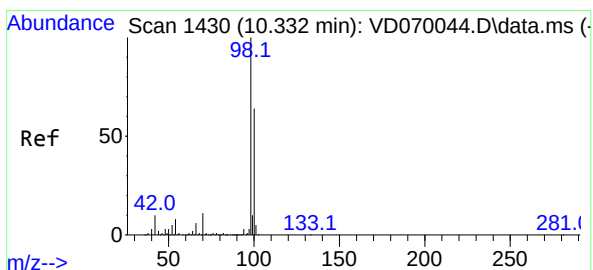
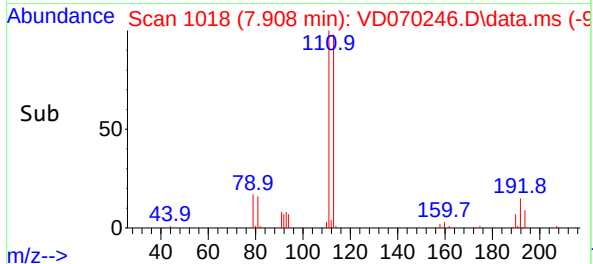
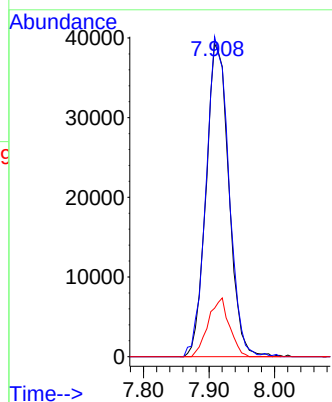
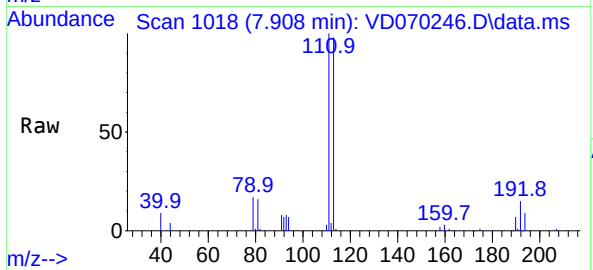




#35
Dibromofluoromethane
Concen: 67.318 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070246.D
Acq: 25 Aug 2021 12:48

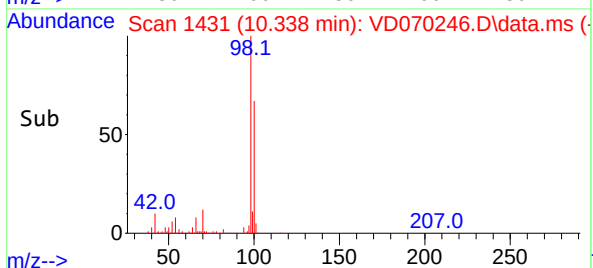
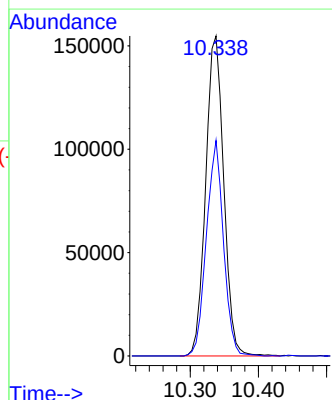
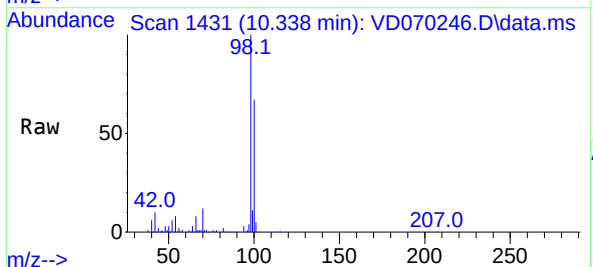
Instrument :
MSVOA_D
ClientSampleId :
130-BRE

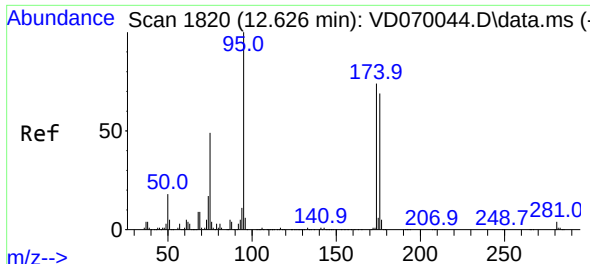
Tgt Ion:	113	Resp:	94819
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.8	122.6
192	17.5	13.2	19.8



#50
Toluene-d8
Concen: 52.044 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070246.D
Acq: 25 Aug 2021 12:48

Tgt Ion:	98	Resp:	285119
Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.6	78.8

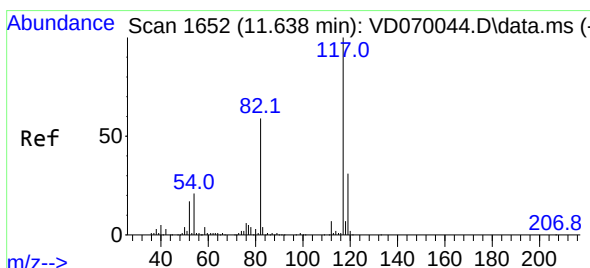
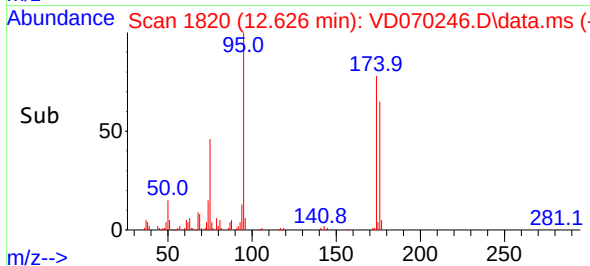
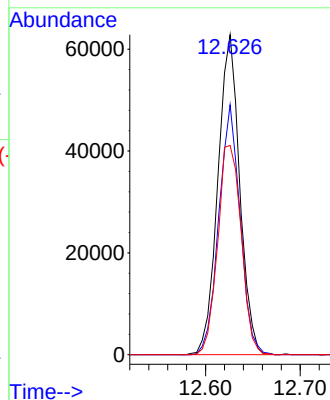
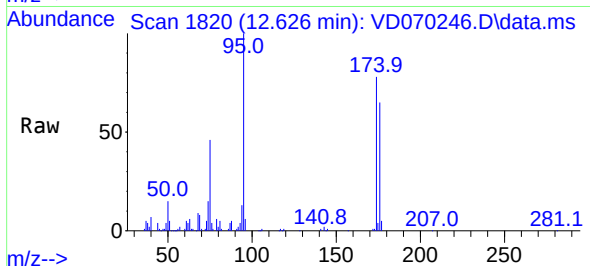




#62
4-Bromofluorobenzene
Concen: 55.786 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070246.D
Acq: 25 Aug 2021 12:48

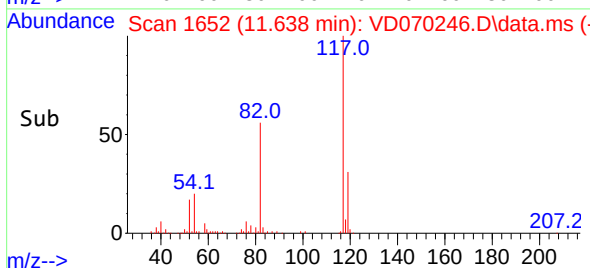
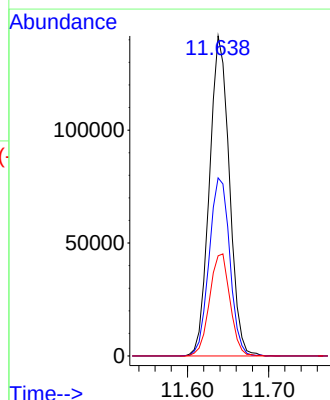
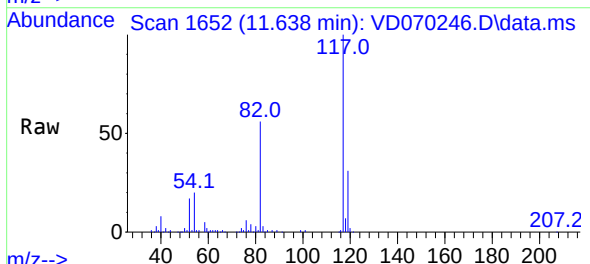
Instrument :
MSVOA_D
ClientSampled :
130-BRE

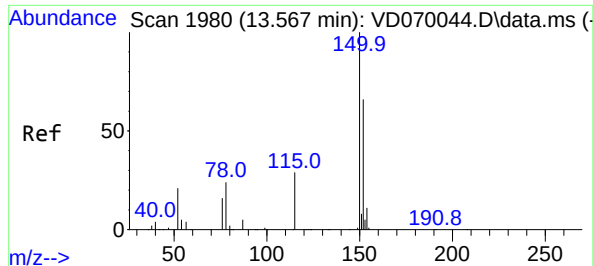
Tgt Ion: 95 Resp: 100662
Ion Ratio Lower Upper
95 100
174 76.3 0.0 141.6
176 70.4 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070246.D
Acq: 25 Aug 2021 12:48

Tgt Ion: 117 Resp: 241513
Ion Ratio Lower Upper
117 100
82 55.7 47.5 71.3
119 31.3 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: VD070246.D
 Acq: 25 Aug 2021 12:48

Instrument :
 MSVOA_D
 ClientSampleId :
 130-BRE

Tgt Ion:	152	Resp:	106913
Ion	Ratio	Lower	Upper
152	100		
115	61.2	31.2	93.6
150	156.3	0.0	352.0

