

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122021\
 Data File : VD071389.D
 Acq On : 20 Dec 2021 13:48
 Operator : VA/SY
 Sample : VD1220SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1220SBL01

Quant Time: Dec 20 20:51:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

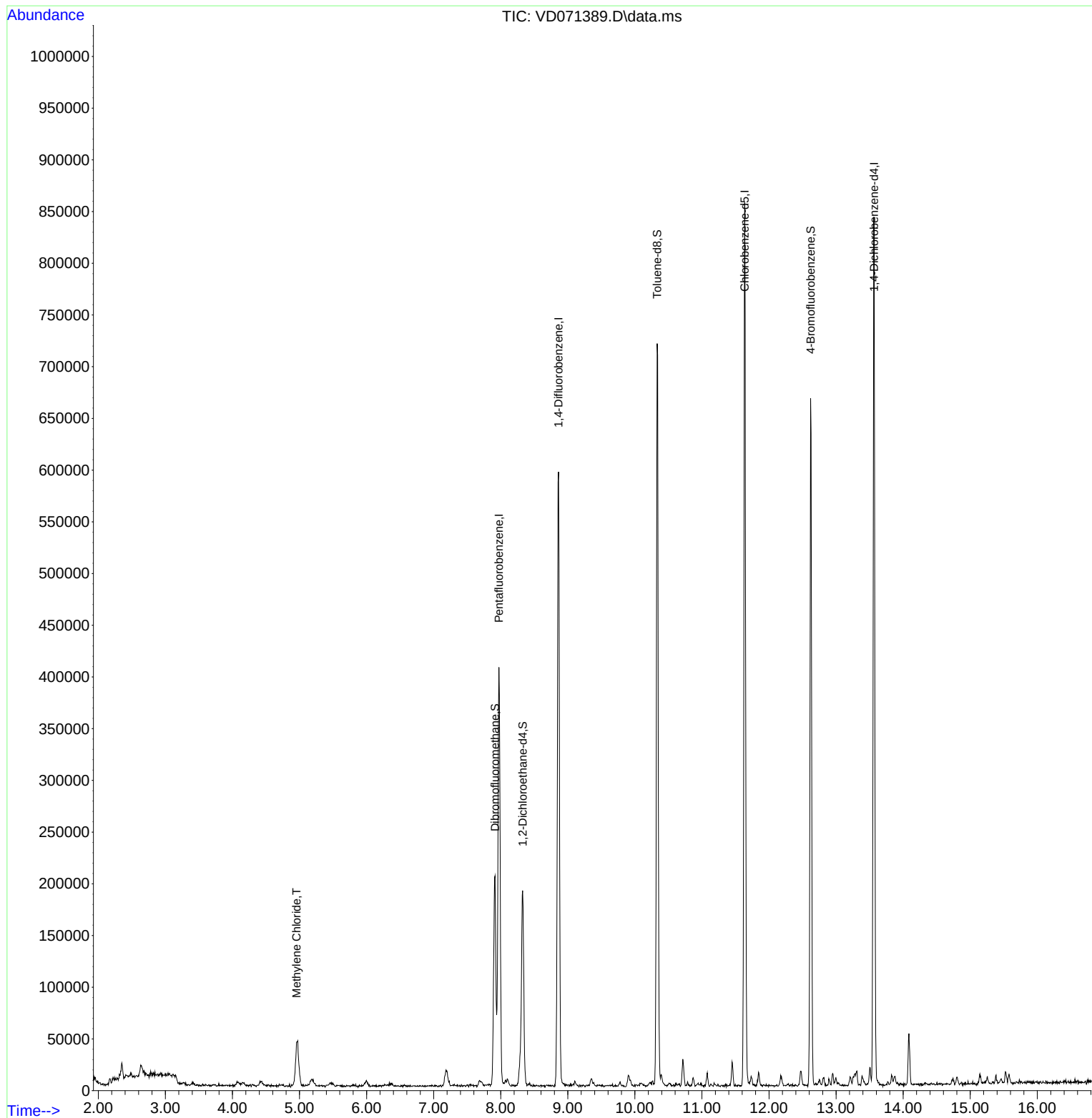
Internal Standards						
1) Pentafluorobenzene	7.973	168	281453	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	489107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	445428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	205034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	149031	45.126	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.260%		
35) Dibromofluoromethane	7.914	113	142163	45.644	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.280%		
50) Toluene-d8	10.332	98	469118	39.579	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	79.160%		
62) 4-Bromofluorobenzene	12.620	95	168049	40.902	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	81.800%		
Target Compounds						Qvalue
20) Methylene Chloride	4.956	84	30819	5.534	ug/l	87

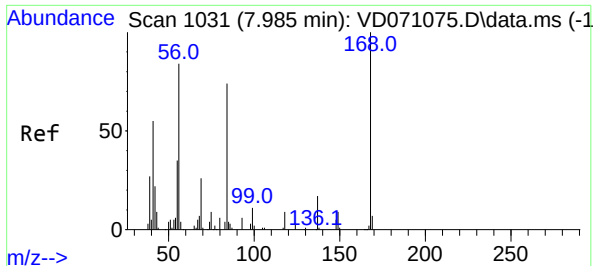
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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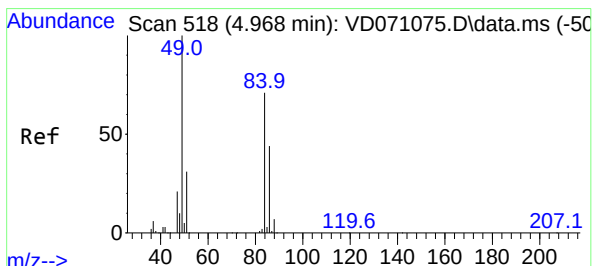
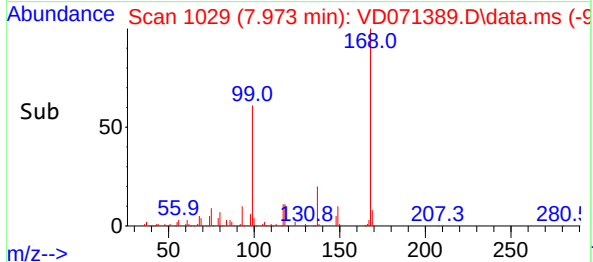
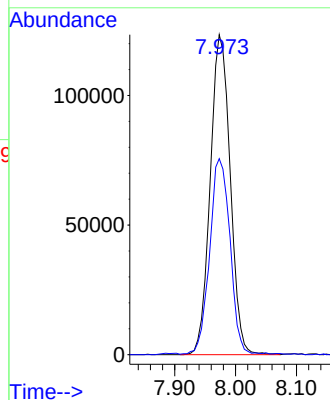
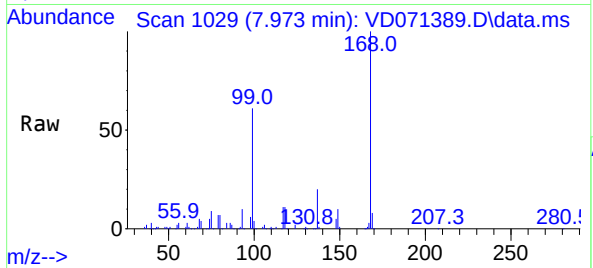




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VD071389.D
Acq: 20 Dec 2021 13:48

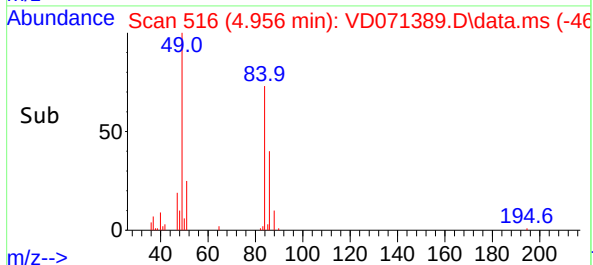
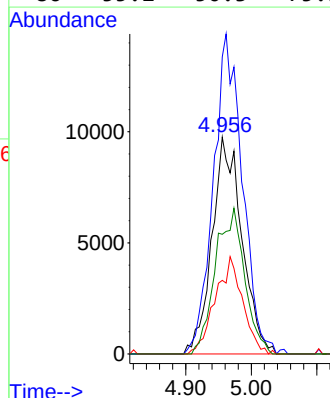
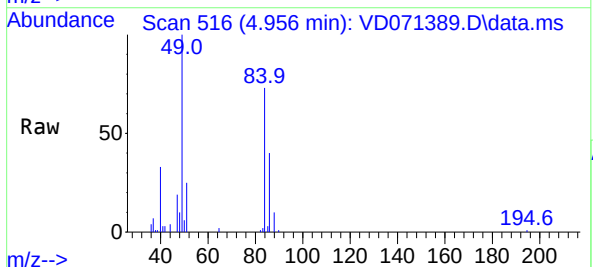
Instrument :
MSVOA_D
ClientSampleId :
VD1220SBL01

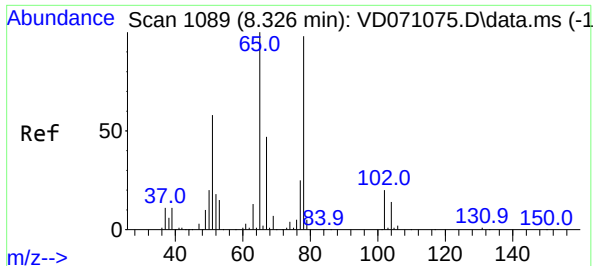
Tgt Ion:168 Resp: 281453
Ion Ratio Lower Upper
168 100
99 61.1 46.6 69.8



#20
Methylene Chloride
Concen: 5.534 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.012 min
Lab File: VD071389.D
Acq: 20 Dec 2021 13:48

Tgt Ion: 84 Resp: 30819
Ion Ratio Lower Upper
84 100
49 137.1 95.8 143.6
51 34.0 30.9 46.3
86 55.2 50.3 75.5

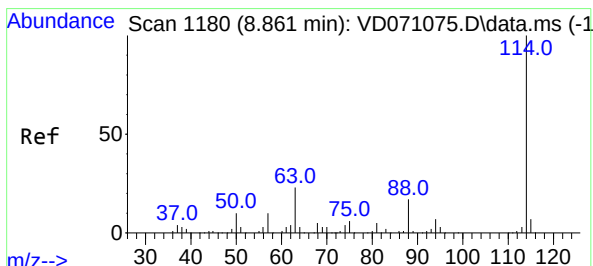
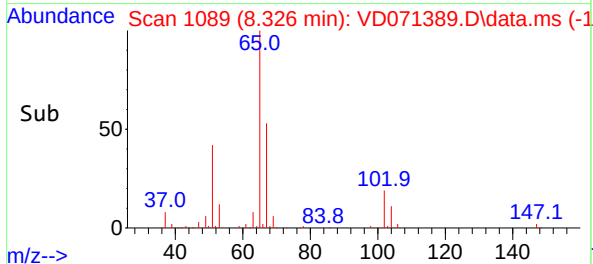
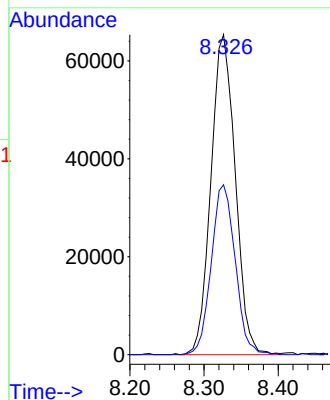
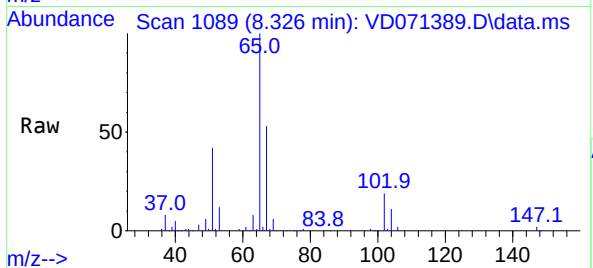




#33
 1,2-Dichloroethane-d4
 Concen: 45.126 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. 0.000 min
 Lab File: VD071389.D
 Acq: 20 Dec 2021 13:48

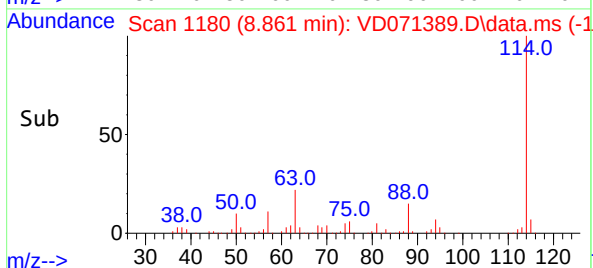
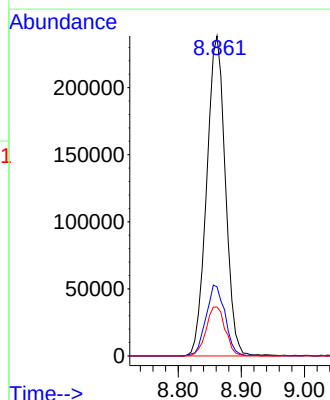
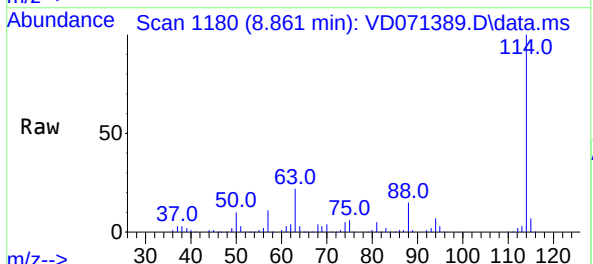
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1220SBL01

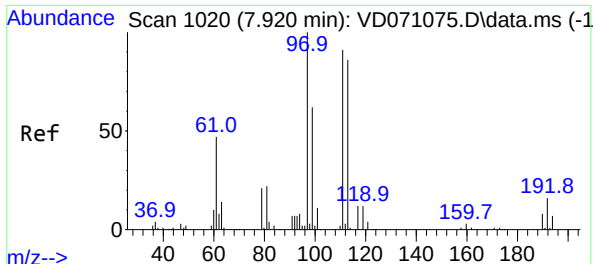
Tgt Ion: 65 Resp: 149031
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 112.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.861 min Scan# 1180
 Delta R.T. 0.000 min
 Lab File: VD071389.D
 Acq: 20 Dec 2021 13:48

Tgt Ion: 114 Resp: 489107
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 41.8
 88 15.3 0.0 32.8

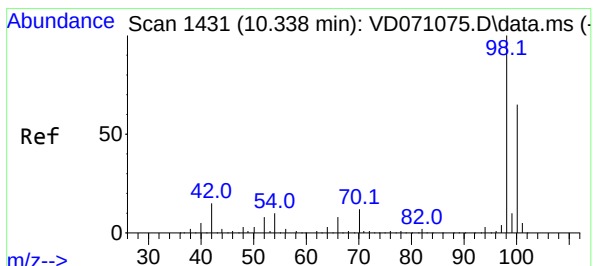
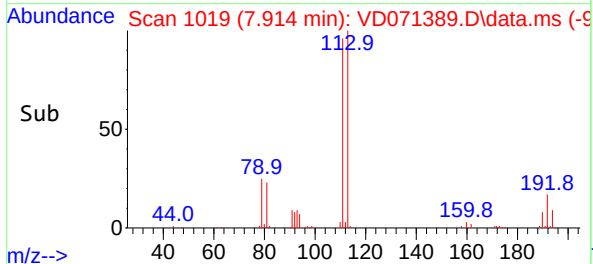
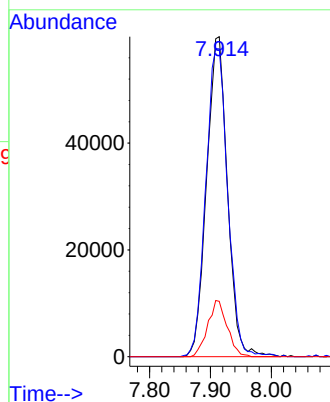
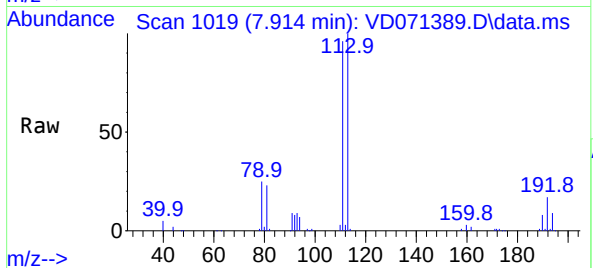




#35
Dibromofluoromethane
Concen: 45.644 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071389.D
Acq: 20 Dec 2021 13:48

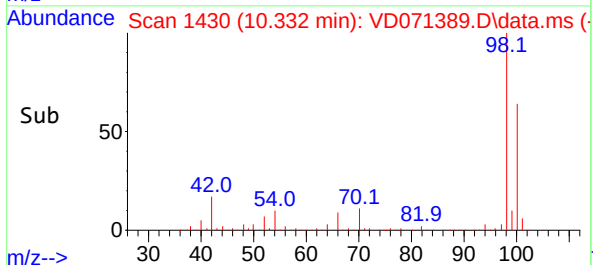
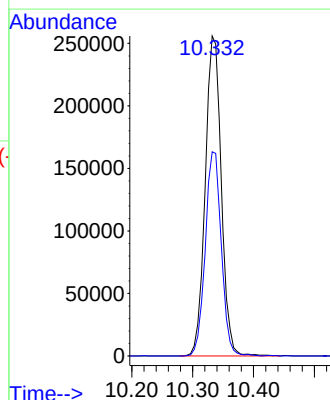
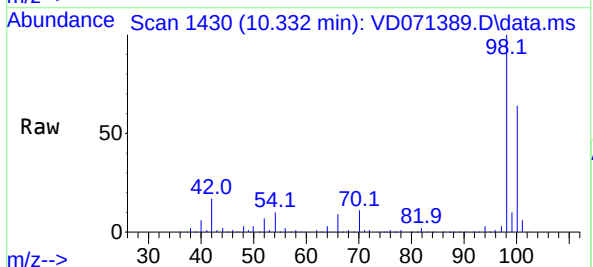
Instrument :
MSVOA_D
ClientSampleId :
VD1220SBL01

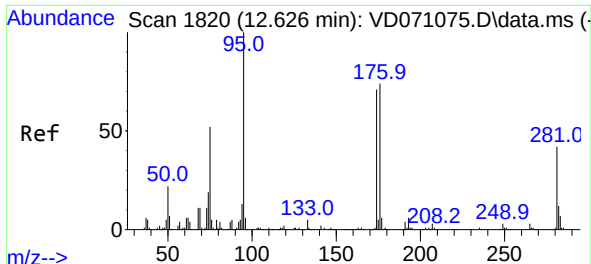
Tgt Ion:113 Resp: 142163
Ion Ratio Lower Upper
113 100
111 101.6 82.0 123.0
192 16.4 15.2 22.8



#50
Toluene-d8
Concen: 39.579 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071389.D
Acq: 20 Dec 2021 13:48

Tgt Ion: 98 Resp: 469118
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6

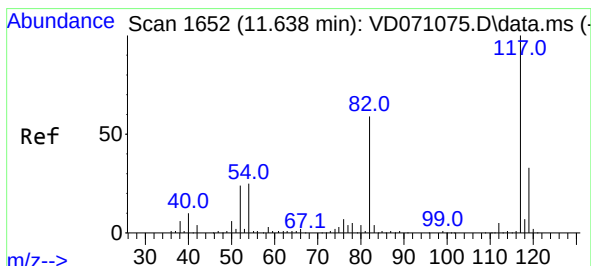
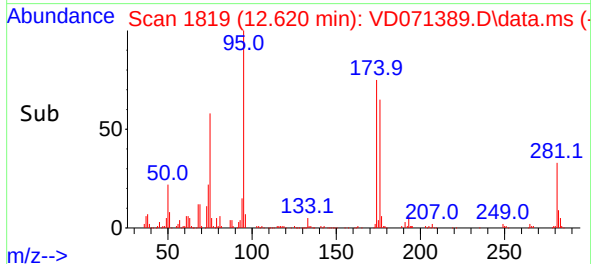
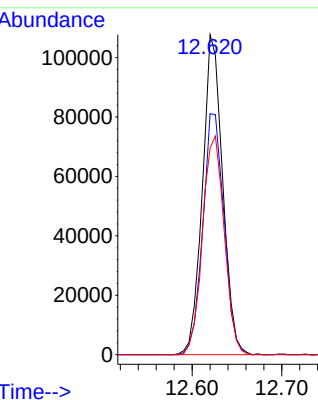
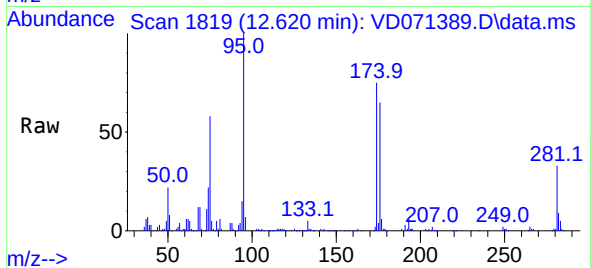




#62
4-Bromofluorobenzene
Concen: 40.902 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071389.D
Acq: 20 Dec 2021 13:48

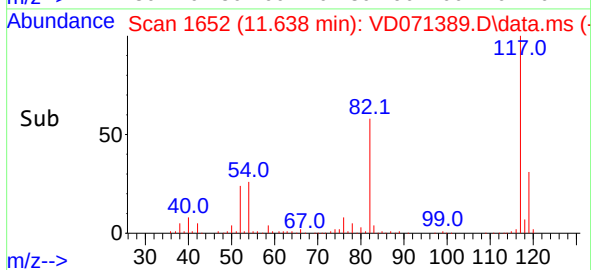
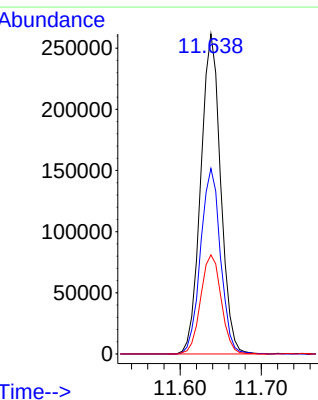
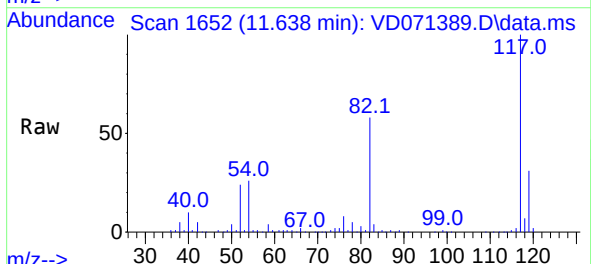
Instrument :
MSVOA_D
ClientSampleId :
VD1220SBL01

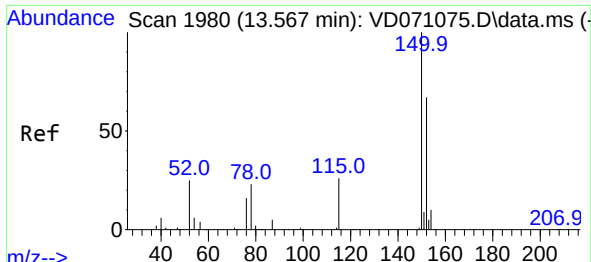
Tgt Ion: 95 Resp: 168049
Ion Ratio Lower Upper
95 100
174 79.6 0.0 159.4
176 73.4 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071389.D
Acq: 20 Dec 2021 13:48

Tgt Ion: 117 Resp: 445428
Ion Ratio Lower Upper
117 100
82 58.0 44.7 67.1
119 31.0 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. 0.000 min

Lab File: VD071389.D

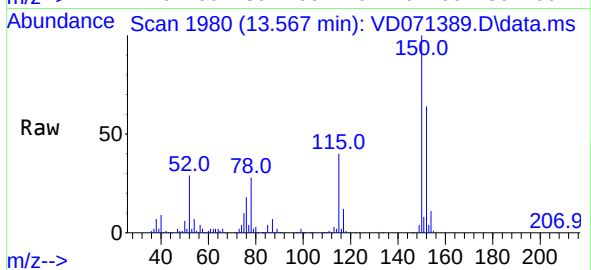
Acq: 20 Dec 2021 13:48

Instrument :

MSVOA_D

ClientSampleId :

VD1220SBL01



Tgt Ion:152 Resp: 205034

Ion Ratio Lower Upper

152 100

115 60.1 29.8 89.3

150 158.2 0.0 349.2

