

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092221\
 Data File : VD070432.D
 Acq On : 22 Sep 2021 17:47
 Operator : VA/SY
 Sample : M3867-02RE
 Misc : 9.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2-(8.5-9.5)RE

Quant Time: Sep 23 05:34:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

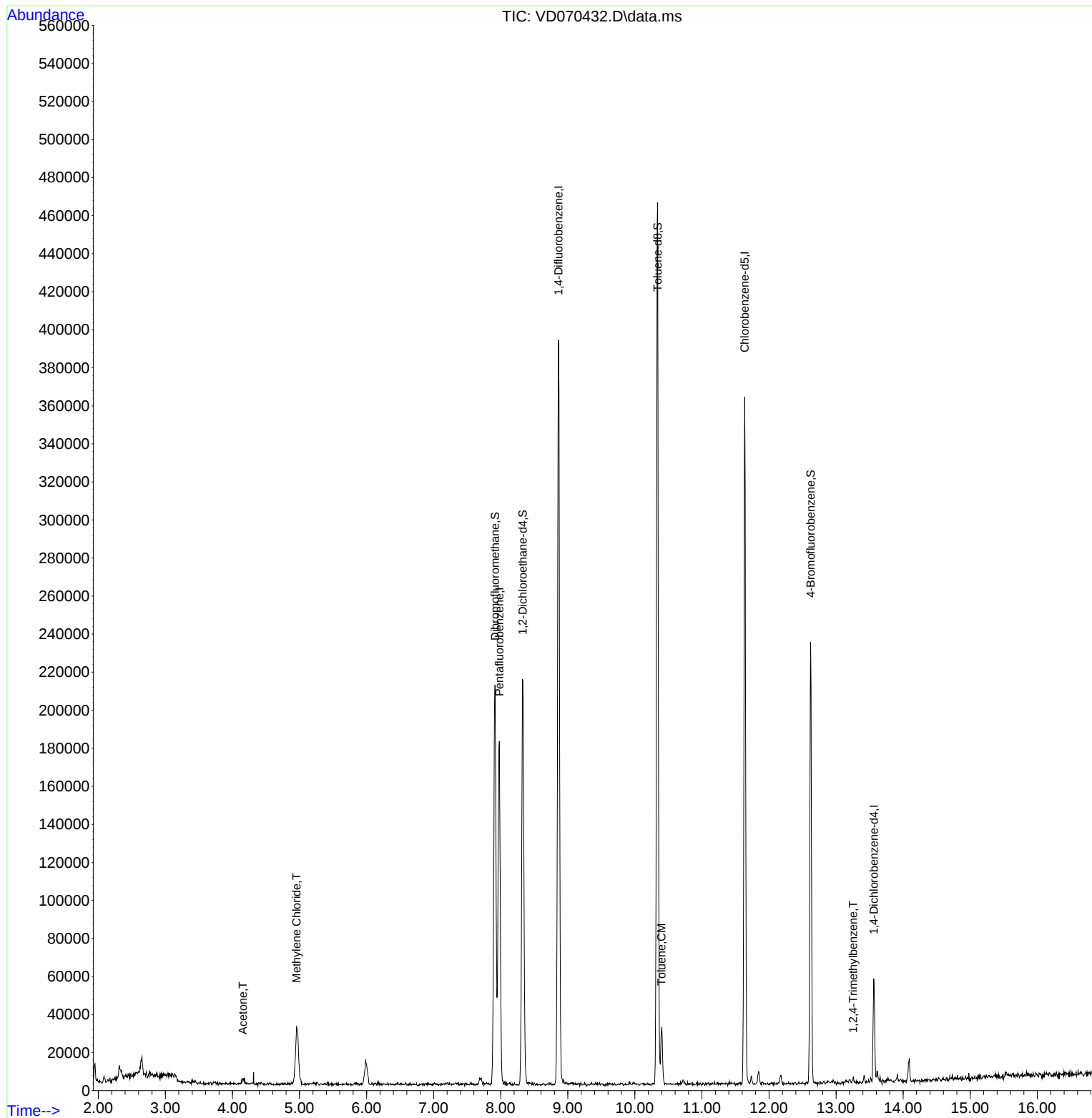
Internal Standards						
1) Pentafluorobenzene	7.979	168	127643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	342866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	212686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	14804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	168115	102.574	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 205.140%#			
35) Dibromofluoromethane	7.914	113	155788	63.833	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 127.660%			
50) Toluene-d8	10.338	98	326264	36.820	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 73.640%			
62) 4-Bromofluorobenzene	12.620	95	30662	9.901	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 19.800%#			
Target Compounds						Qvalue
16) Acetone	4.156	43	5122	17.504	ug/l	94
20) Methylene Chloride	4.956	84	24615	7.295	ug/l	93
52) Toluene	10.397	92	12199	1.880	ug/l	93
84) 1,2,4-Trimethylbenzene	13.255	105	1351	1.531	ug/l	91

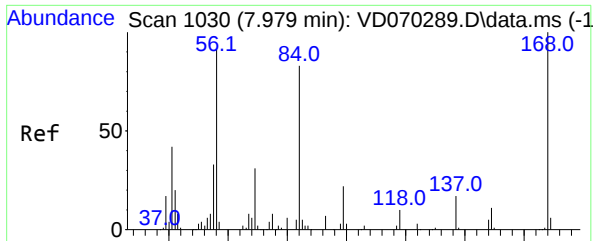
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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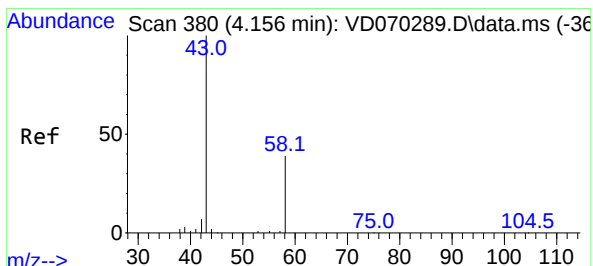
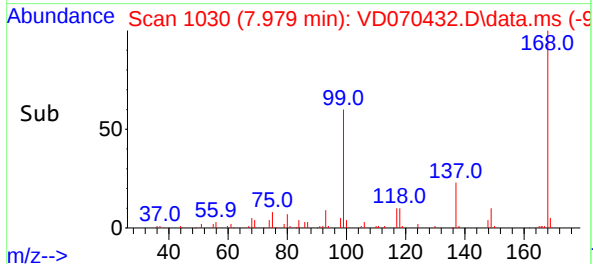
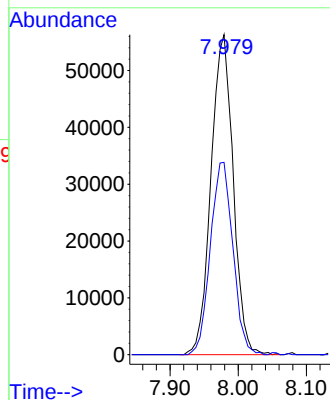
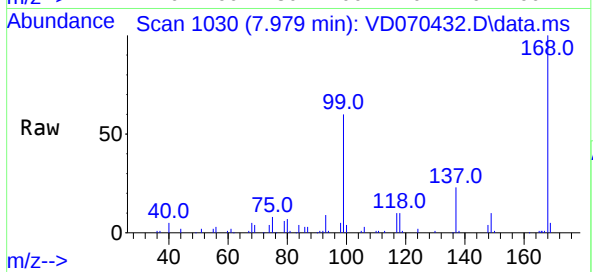




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070432.D
Acq: 22 Sep 2021 17:47

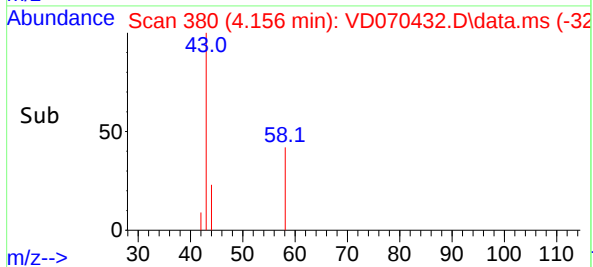
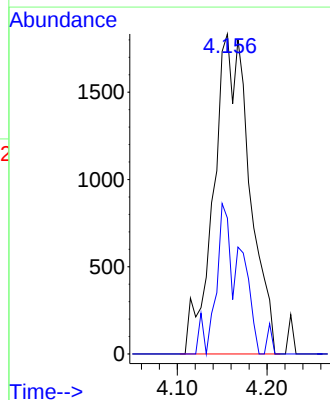
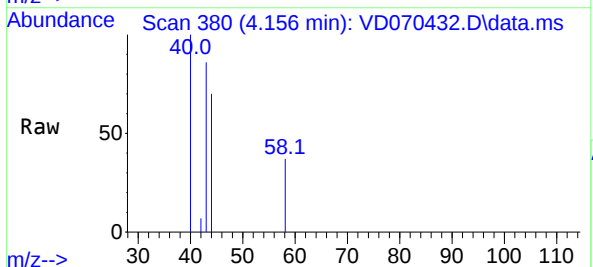
Instrument :
MSVOA_D
ClientSampleId :
SB-2-(8.5-9.5)RE

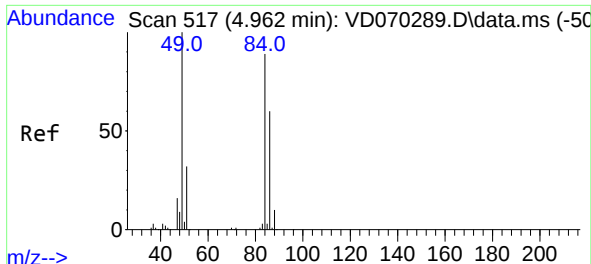
Tgt Ion:168 Resp: 127643
Ion Ratio Lower Upper
168 100
99 60.1 50.8 76.2



#16
Acetone
Concen: 17.504 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070432.D
Acq: 22 Sep 2021 17:47

Tgt Ion: 43 Resp: 5122
Ion Ratio Lower Upper
43 100
58 42.5 30.9 46.3

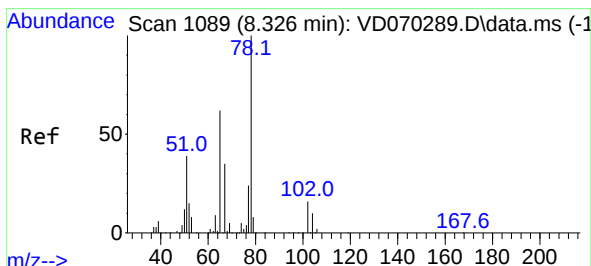
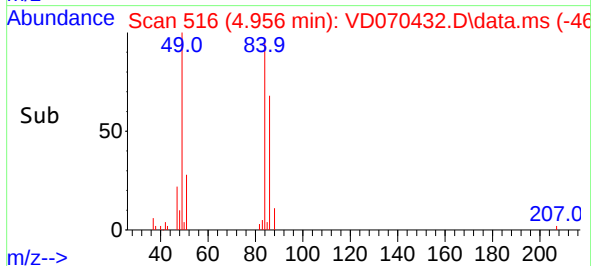
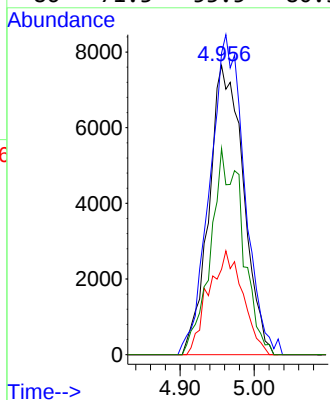
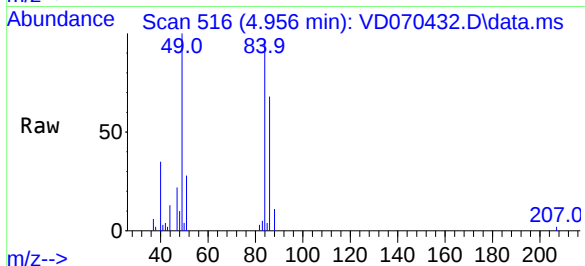




#20
Methylene Chloride
Concen: 7.295 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070432.D
Acq: 22 Sep 2021 17:47

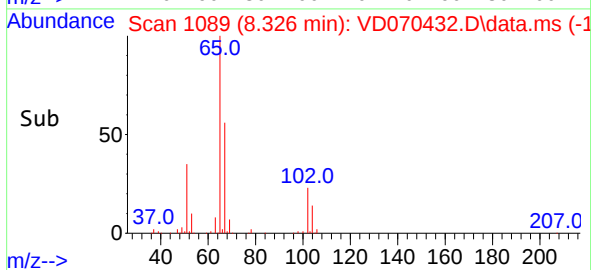
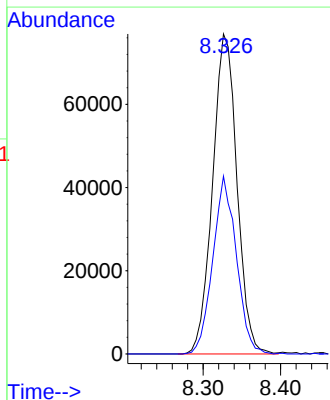
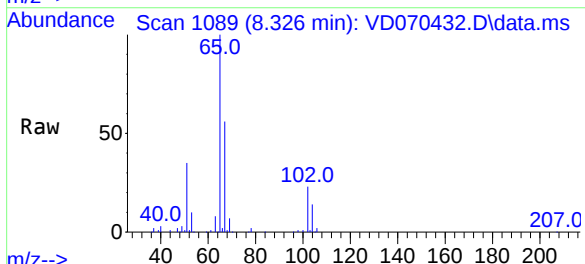
Instrument :
MSVOA_D
ClientSampleId :
SB-2-(8.5-9.5)RE

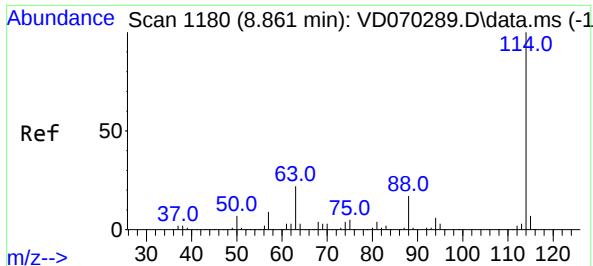
Tgt Ion:	84	Resp:	24615
Ion	Ratio	Lower	Upper
84	100		
49	104.3	89.6	134.4
51	29.6	28.6	43.0
86	71.3	53.5	80.3



#33
1,2-Dichloroethane-d4
Concen: 102.574 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070432.D
Acq: 22 Sep 2021 17:47

Tgt Ion:	65	Resp:	168115
Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	111.4





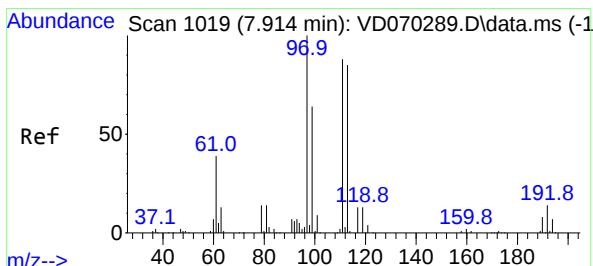
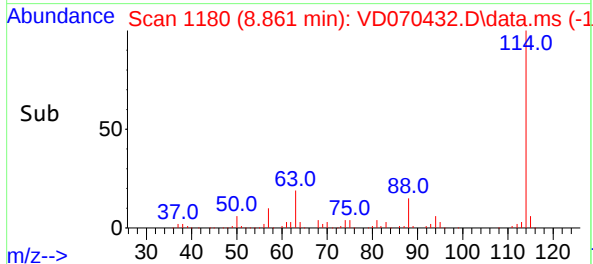
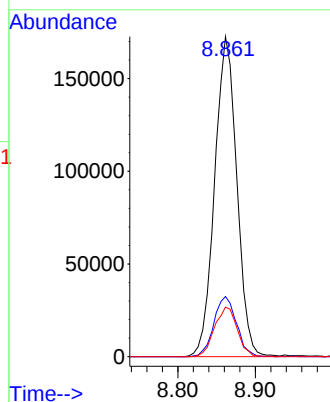
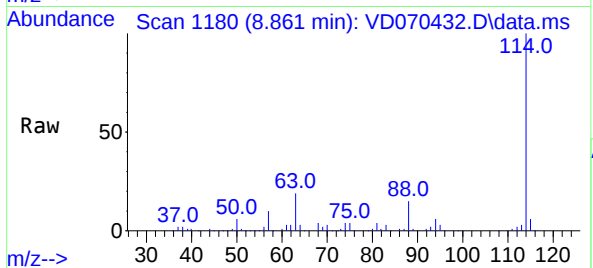
#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070432.D
Acq: 22 Sep 2021 17:47

Instrument :
MSVOA_D
ClientSampleId :
SB-2-(8.5-9.5)RE

Tgt Ion:114 Resp: 342866

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	43.4
88	15.5	0.0	33.4

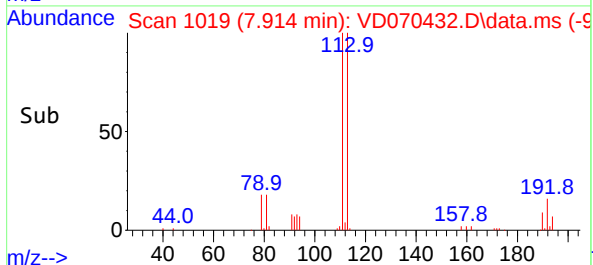
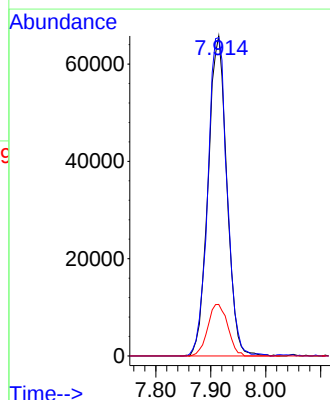
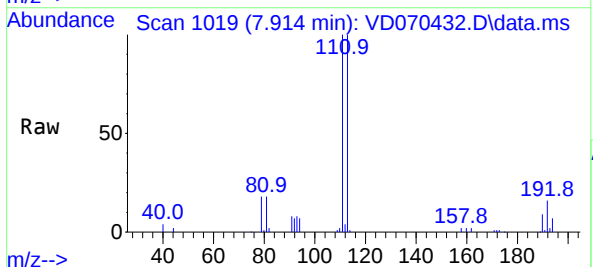


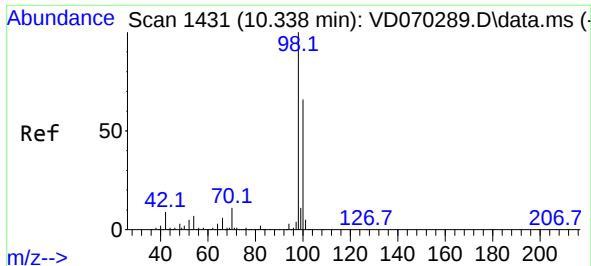
#35

Dibromofluoromethane
Concen: 63.833 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070432.D
Acq: 22 Sep 2021 17:47

Tgt Ion:113 Resp: 155788

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.4	122.2
192	17.2	13.0	19.6

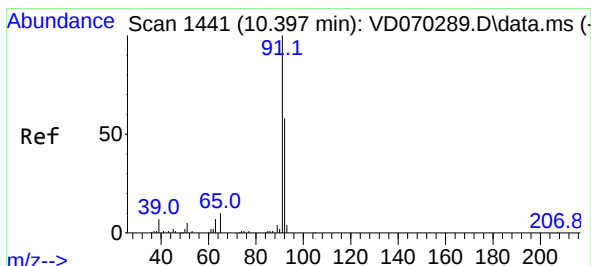
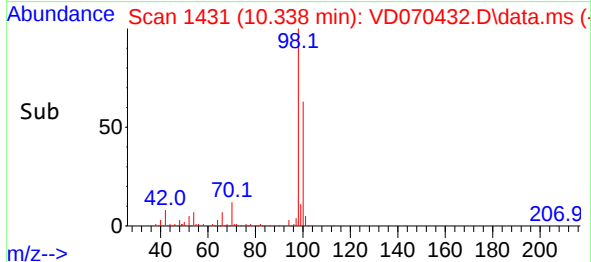
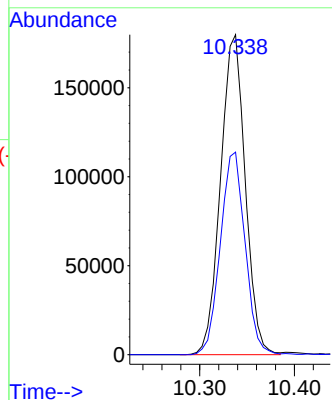
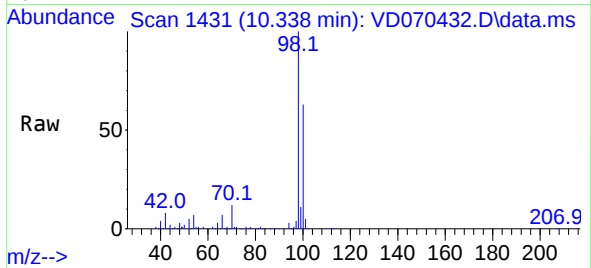




#50
Toluene-d8
Concen: 36.820 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070432.D
Acq: 22 Sep 2021 17:47

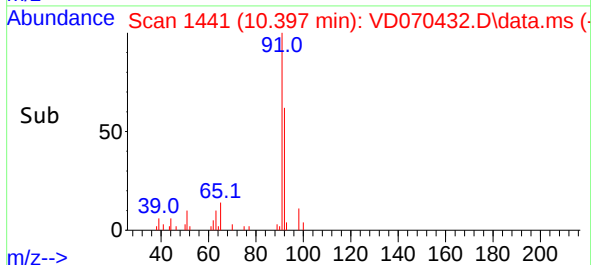
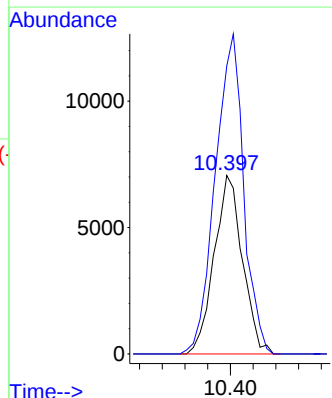
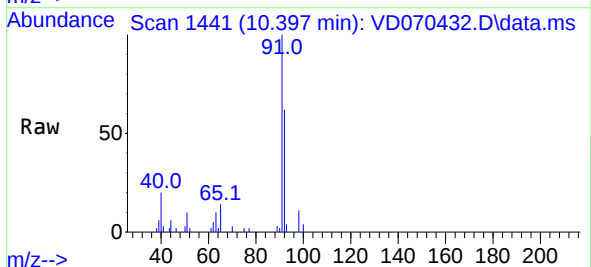
Instrument :
MSVOA_D
ClientSampleId :
SB-2-(8.5-9.5)RE

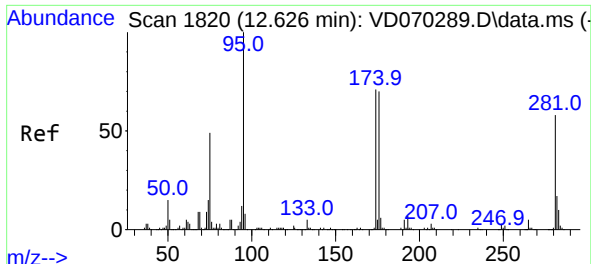
Tgt Ion: 98 Resp: 326264
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#52
Toluene
Concen: 1.880 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD070432.D
Acq: 22 Sep 2021 17:47

Tgt Ion: 92 Resp: 12199
Ion Ratio Lower Upper
92 100
91 179.7 136.2 204.2

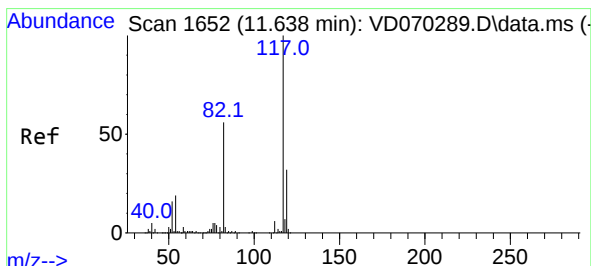
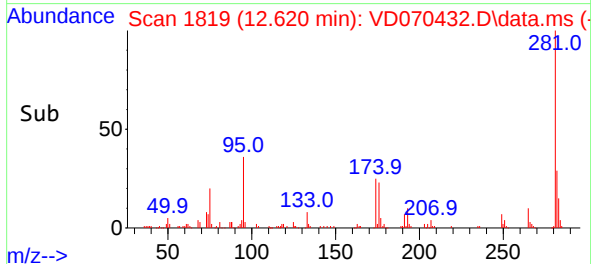
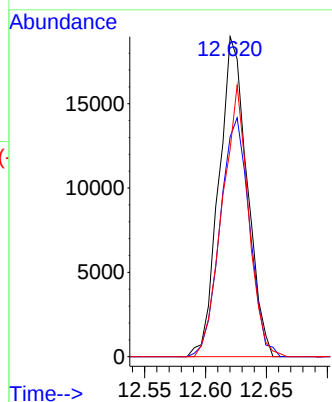
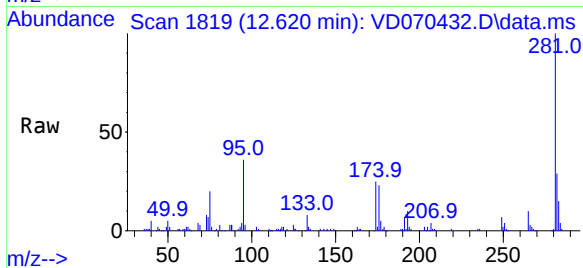




#62
4-Bromofluorobenzene
Concen: 9.901 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070432.D
Acq: 22 Sep 2021 17:47

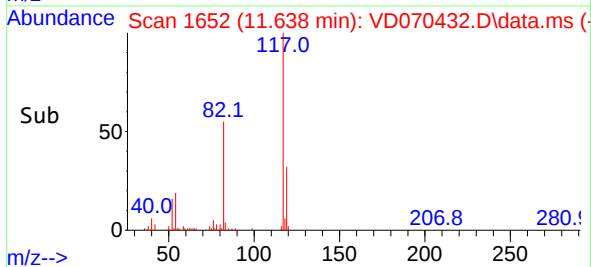
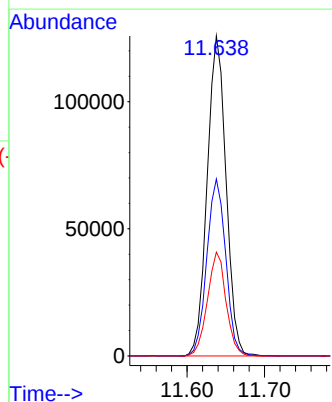
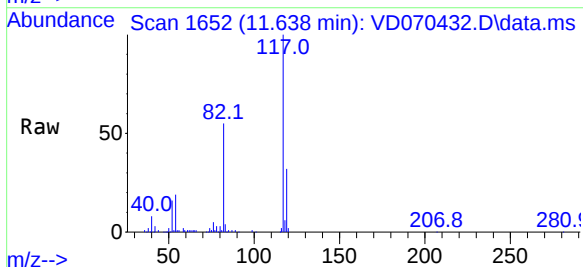
Instrument :
MSVOA_D
ClientSampleId :
SB-2-(8.5-9.5)RE

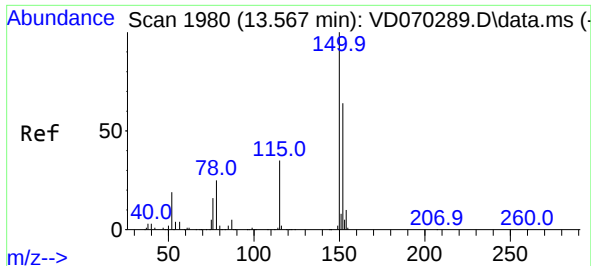
Tgt Ion: 95 Resp: 30662
Ion Ratio Lower Upper
95 100
174 77.6 0.0 140.6
176 79.0 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070432.D
Acq: 22 Sep 2021 17:47

Tgt Ion:117 Resp: 212686
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 32.4 25.2 37.8

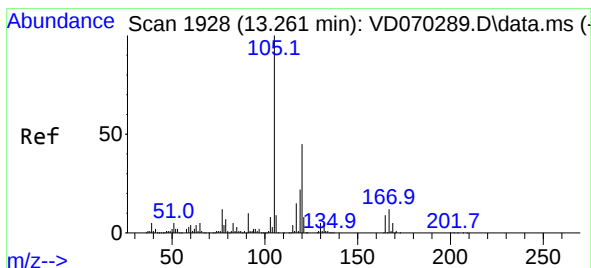
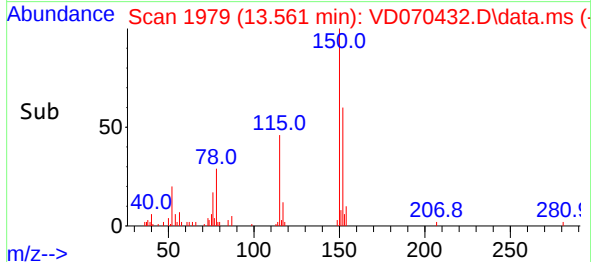
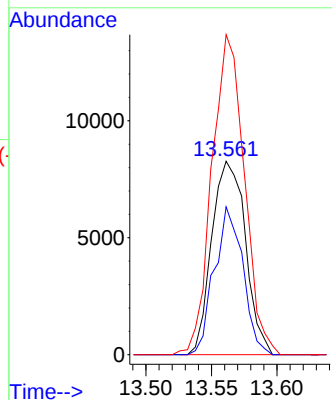
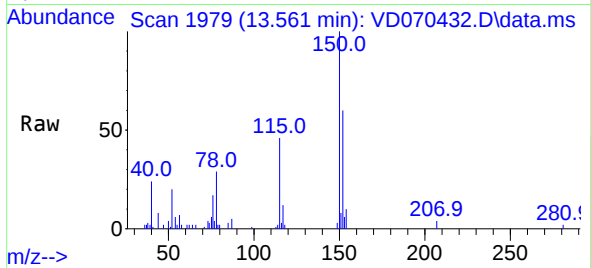




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070432.D
Acq: 22 Sep 2021 17:47

Instrument :
MSVOA_D
ClientSampleId :
SB-2-(8.5-9.5)RE

Tgt Ion:152 Resp: 14804
Ion Ratio Lower Upper
152 100
115 64.4 32.1 96.3
150 159.1 0.0 350.6



#84
1,2,4-Trimethylbenzene
Concen: 1.531 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD070432.D
Acq: 22 Sep 2021 17:47

Tgt Ion:105 Resp: 1351
Ion Ratio Lower Upper
105 100
120 50.5 22.3 66.8

