

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092921\
 Data File : VD070525.D
 Acq On : 29 Sep 2021 16:15
 Operator : VA/SY
 Sample : M3975-03
 Misc : 8.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-837-R-SO-4-4.5-092821-FD

Quant Time: Sep 30 00:46:15 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)

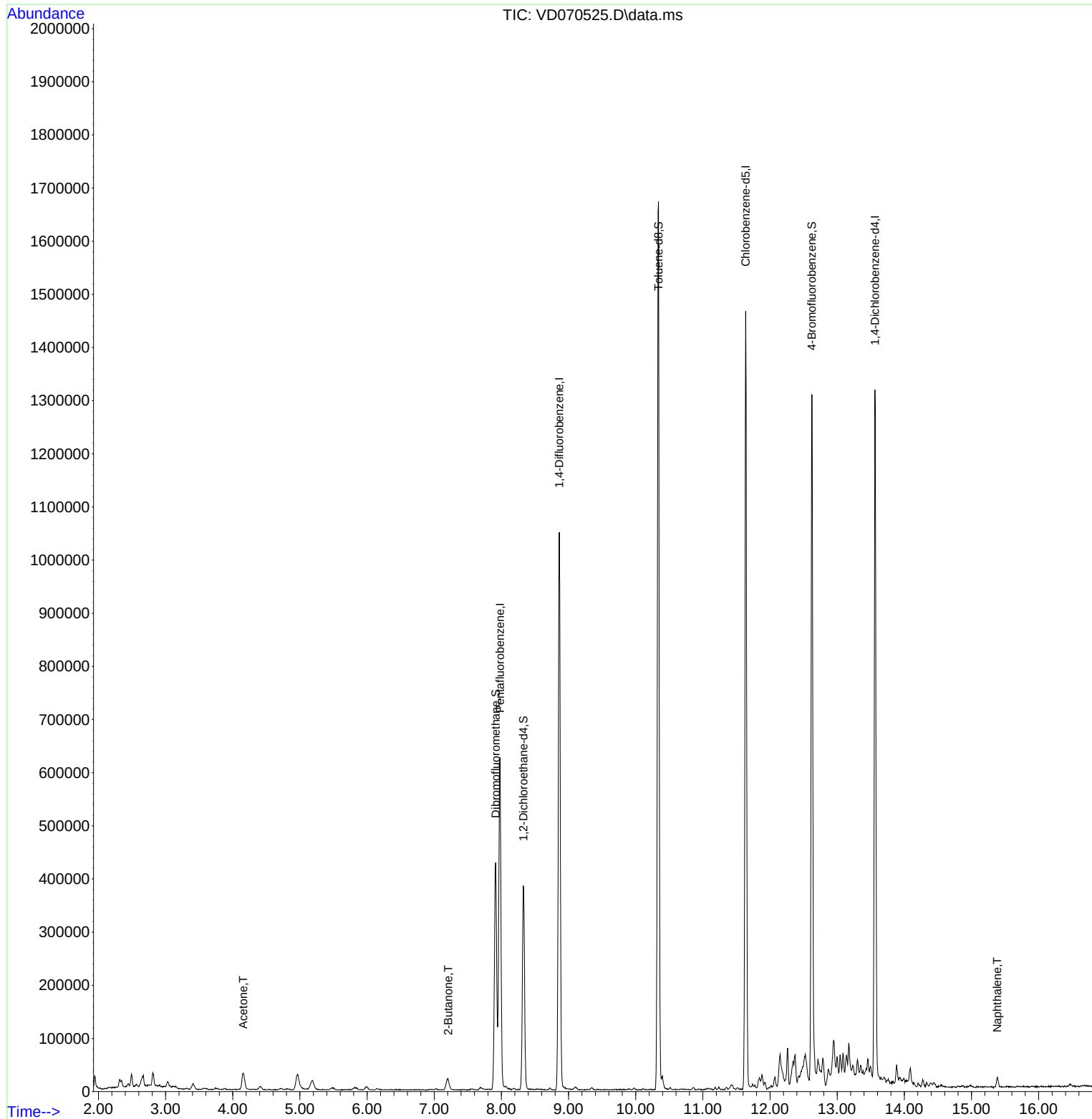
Internal Standards						
1) Pentafluorobenzene	7.979	168	436674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	921809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	863181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	349272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	309154	55.137	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.280%			
35) Dibromofluoromethane	7.914	113	320234	48.805	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.600%			
50) Toluene-d8	10.338	98	1186530	49.805	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.620%			
62) 4-Bromofluorobenzene	12.620	95	401205	48.187	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.380%			
Target Compounds					Qvalue	
16) Acetone	4.156	43	55944	55.886	ug/l	90
25) 2-Butanone	7.208	43	13845	10.390	ug/l	90
95) Naphthalene	15.385	128	16862	1.655	ug/l #	93

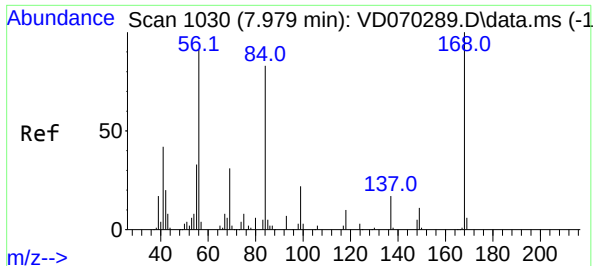
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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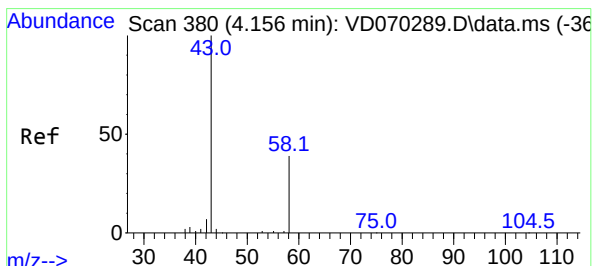
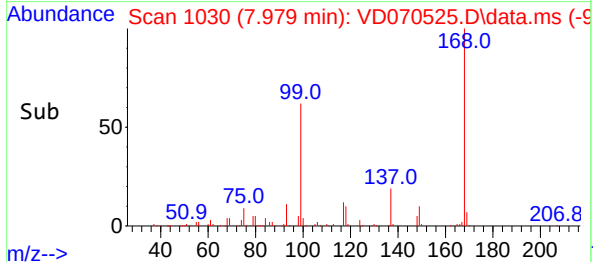
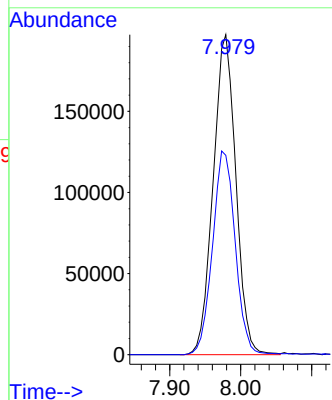
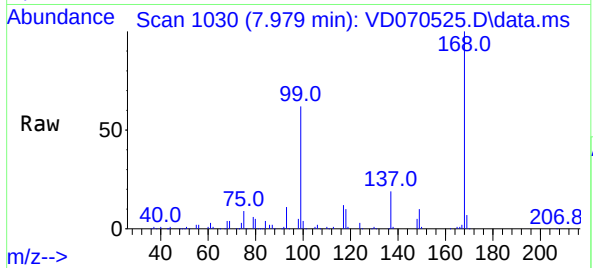




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070525.D
Acq: 29 Sep 2021 16:15

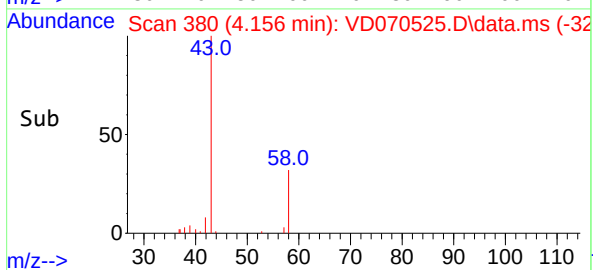
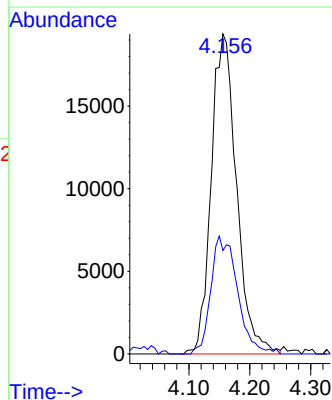
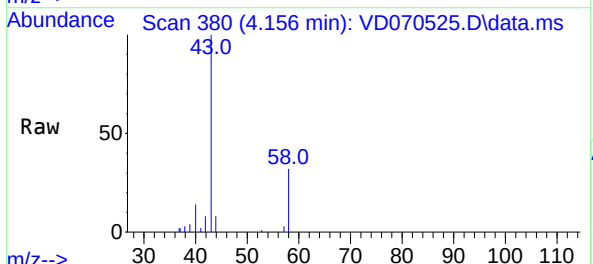
Instrument :
MSVOA_D
ClientSampleId :
S-837-R-SO-4-4.5-092821-FD

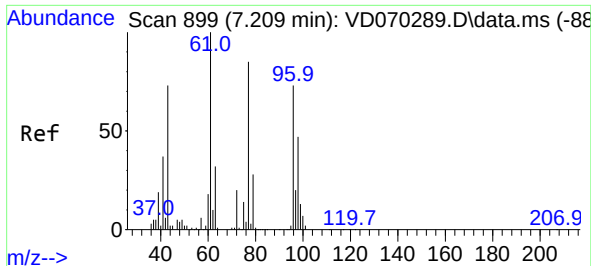
Tgt Ion:168 Resp: 436674
Ion Ratio Lower Upper
168 100
99 62.3 50.8 76.2



#16
Acetone
Concen: 55.886 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070525.D
Acq: 29 Sep 2021 16:15

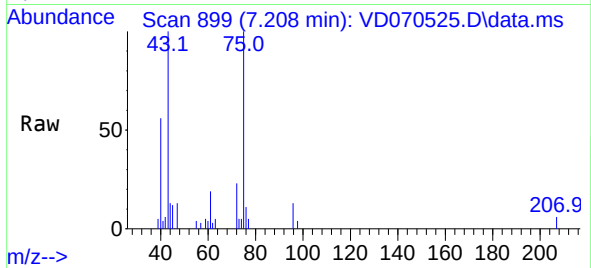
Tgt Ion: 43 Resp: 55944
Ion Ratio Lower Upper
43 100
58 32.4 30.9 46.3



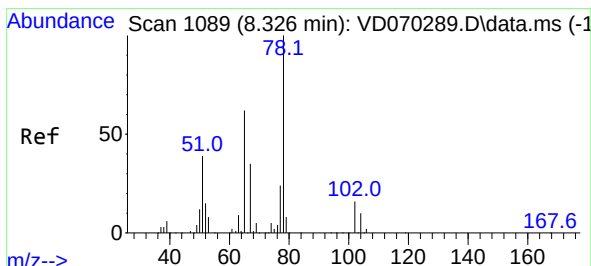
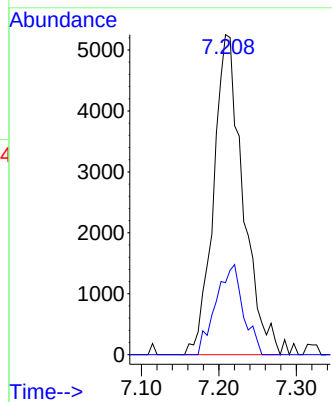
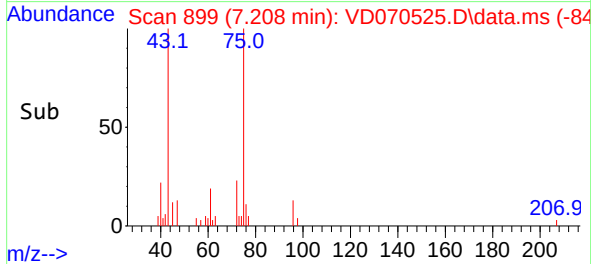


#25
2-Butanone
Concen: 10.390 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070525.D
Acq: 29 Sep 2021 16:15

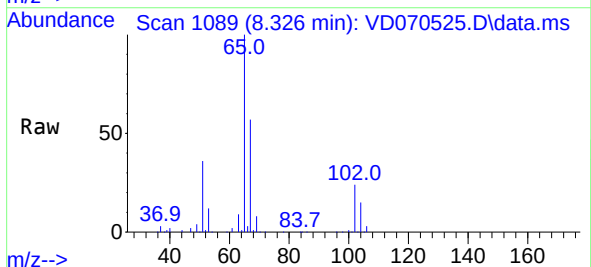
Instrument :
MSVOA_D
ClientSampleId :
S-837-R-SO-4-4.5-092821-FD



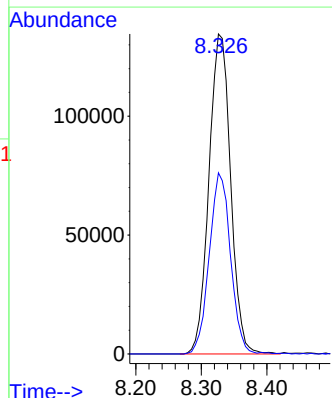
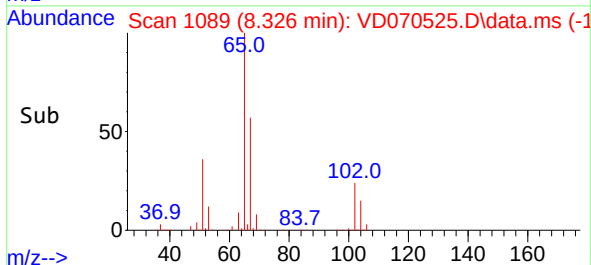
Tgt Ion: 43 Resp: 13845
Ion Ratio Lower Upper
43 100
72 22.5 22.2 33.4

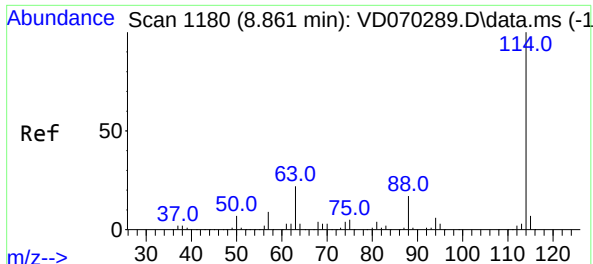


#33
1,2-Dichloroethane-d4
Concen: 55.137 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070525.D
Acq: 29 Sep 2021 16:15



Tgt Ion: 65 Resp: 309154
Ion Ratio Lower Upper
65 100
67 55.7 0.0 111.4



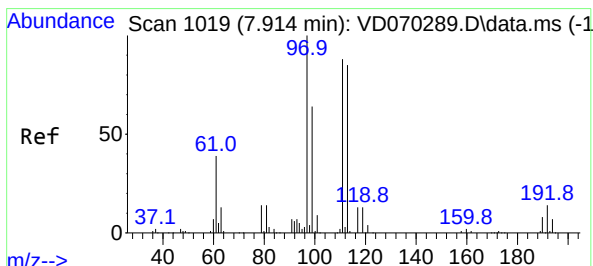
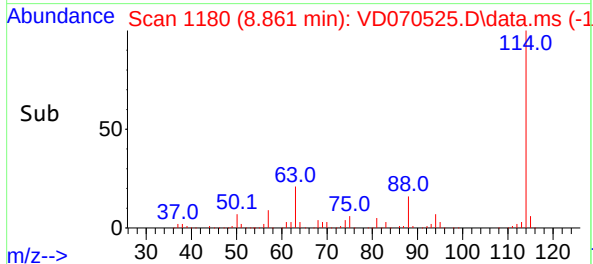
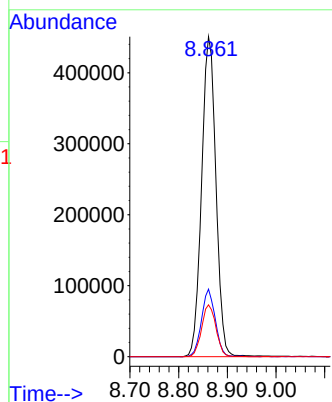
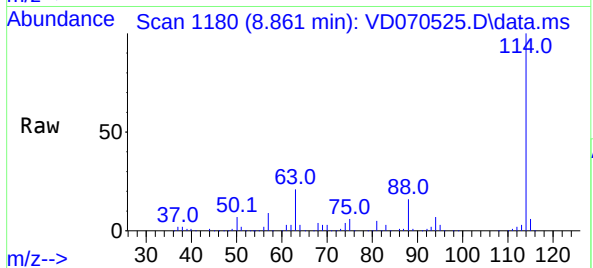


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070525.D
Acq: 29 Sep 2021 16:15

Instrument :
MSVOA_D
ClientSampleId :
S-837-R-SO-4-4.5-092821-FD

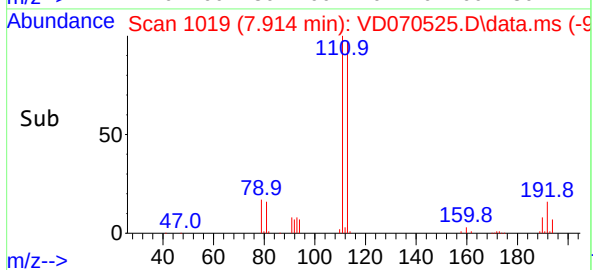
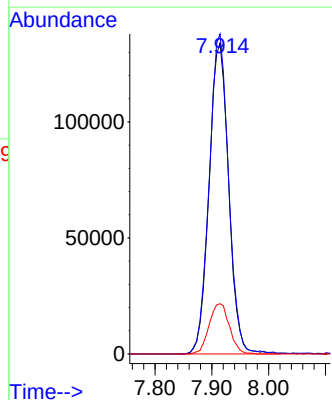
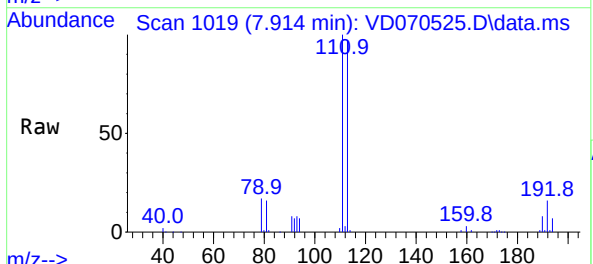
Tgt Ion:	114	Resp:	921809
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.4
88	16.2	0.0	33.4

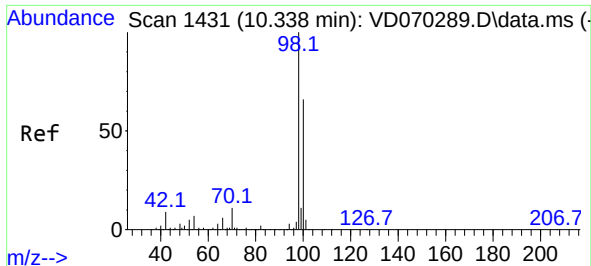


#35

Dibromofluoromethane
Concen: 48.805 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070525.D
Acq: 29 Sep 2021 16:15

Tgt Ion:	113	Resp:	320234
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.4	122.2
192	16.8	13.0	19.6

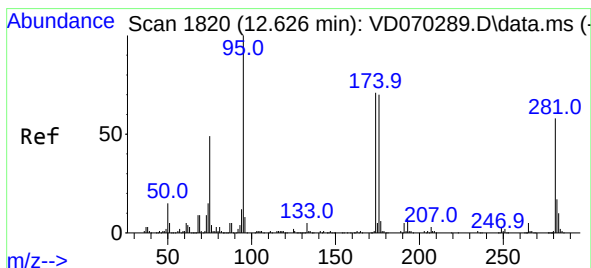
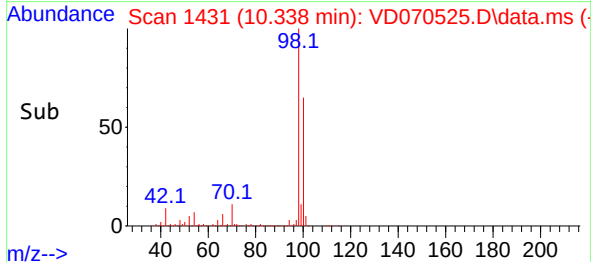
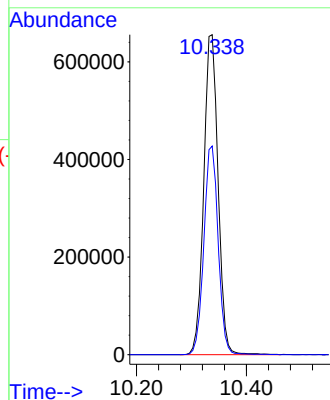
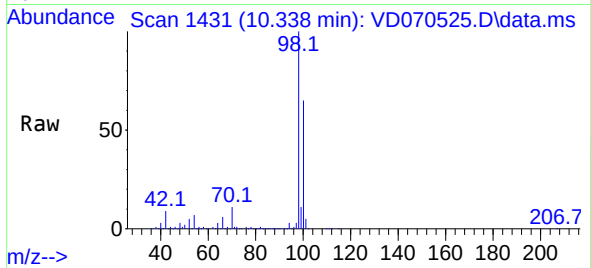




#50
Toluene-d8
Concen: 49.805 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070525.D
Acq: 29 Sep 2021 16:15

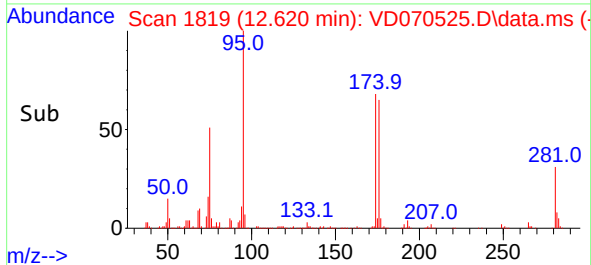
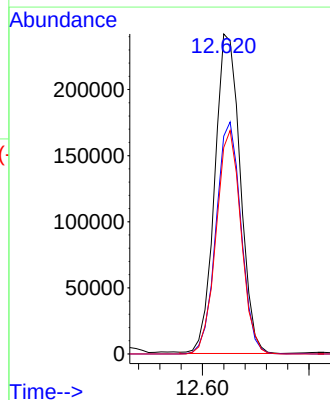
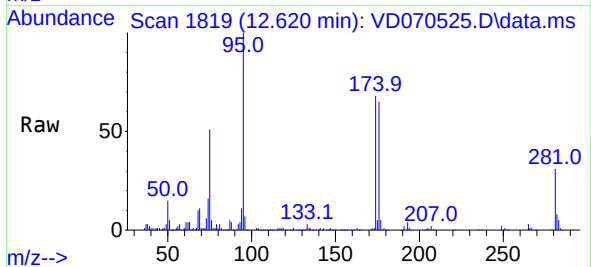
Instrument :
MSVOA_D
ClientSampleId :
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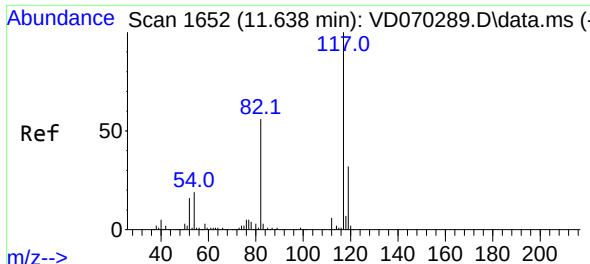
Tgt Ion: 98 Resp: 1186530
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.187 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070525.D
Acq: 29 Sep 2021 16:15

Tgt Ion: 95 Resp: 401205
Ion Ratio Lower Upper
95 100
174 71.0 0.0 140.6
176 68.1 0.0 137.4

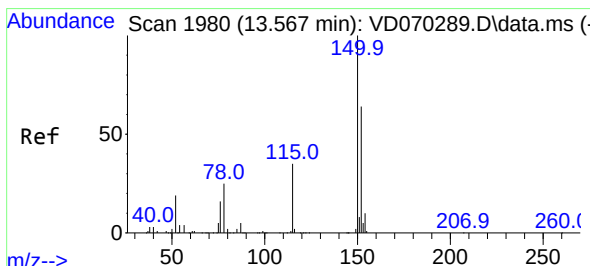
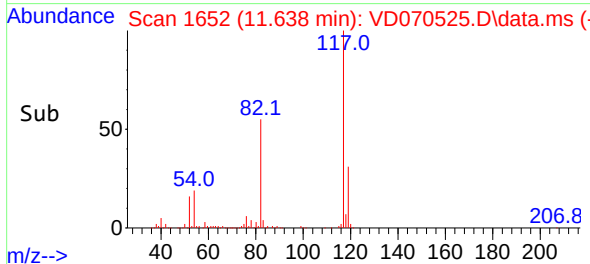
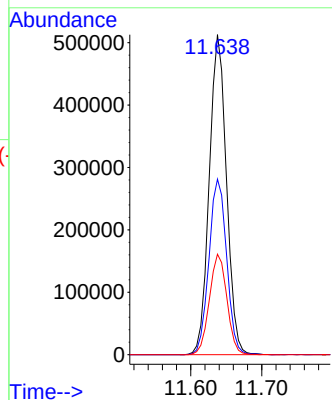
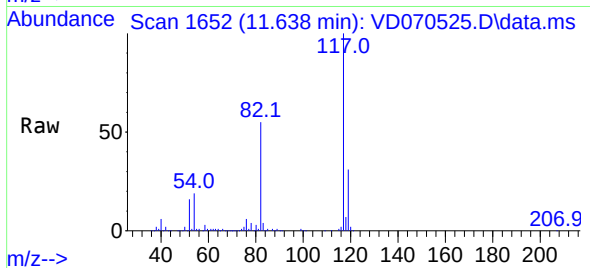




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070525.D
Acq: 29 Sep 2021 16:15

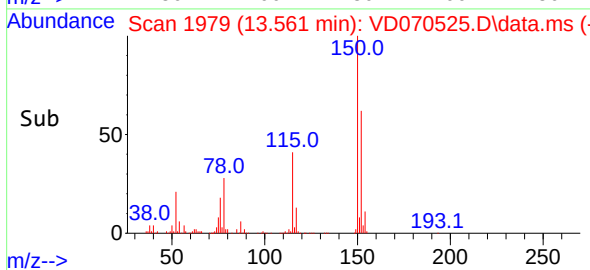
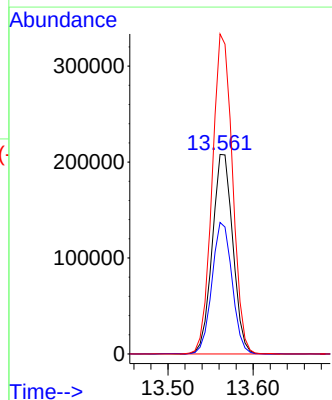
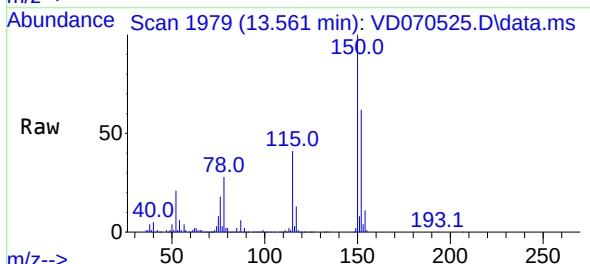
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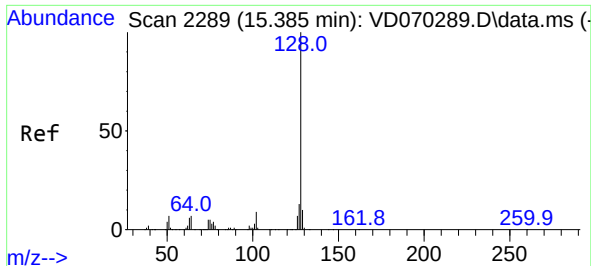
Tgt Ion:	117	Resp:	863181
Ion	Ratio	Lower	Upper
117	100		
82	54.9	45.0	67.4
119	31.4	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070525.D
Acq: 29 Sep 2021 16:15

Tgt Ion:	152	Resp:	349272
Ion	Ratio	Lower	Upper
152	100		
115	64.4	32.1	96.3
150	158.2	0.0	350.6





#95
Naphthalene
Concen: 1.655 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD070525.D
Acq: 29 Sep 2021 16:15

Instrument :
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Tgt Ion:	128	Resp:	16862
Ion	Ratio	Lower	Upper
128	100		
127	16.1	10.5	15.7#
129	14.0	9.0	13.4#

