

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092121\
 Data File : VD070404.D
 Acq On : 21 Sep 2021 15:11
 Operator : VA/SY
 Sample : M3824-04
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-C

Quant Time: Sep 22 01:47:52 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)

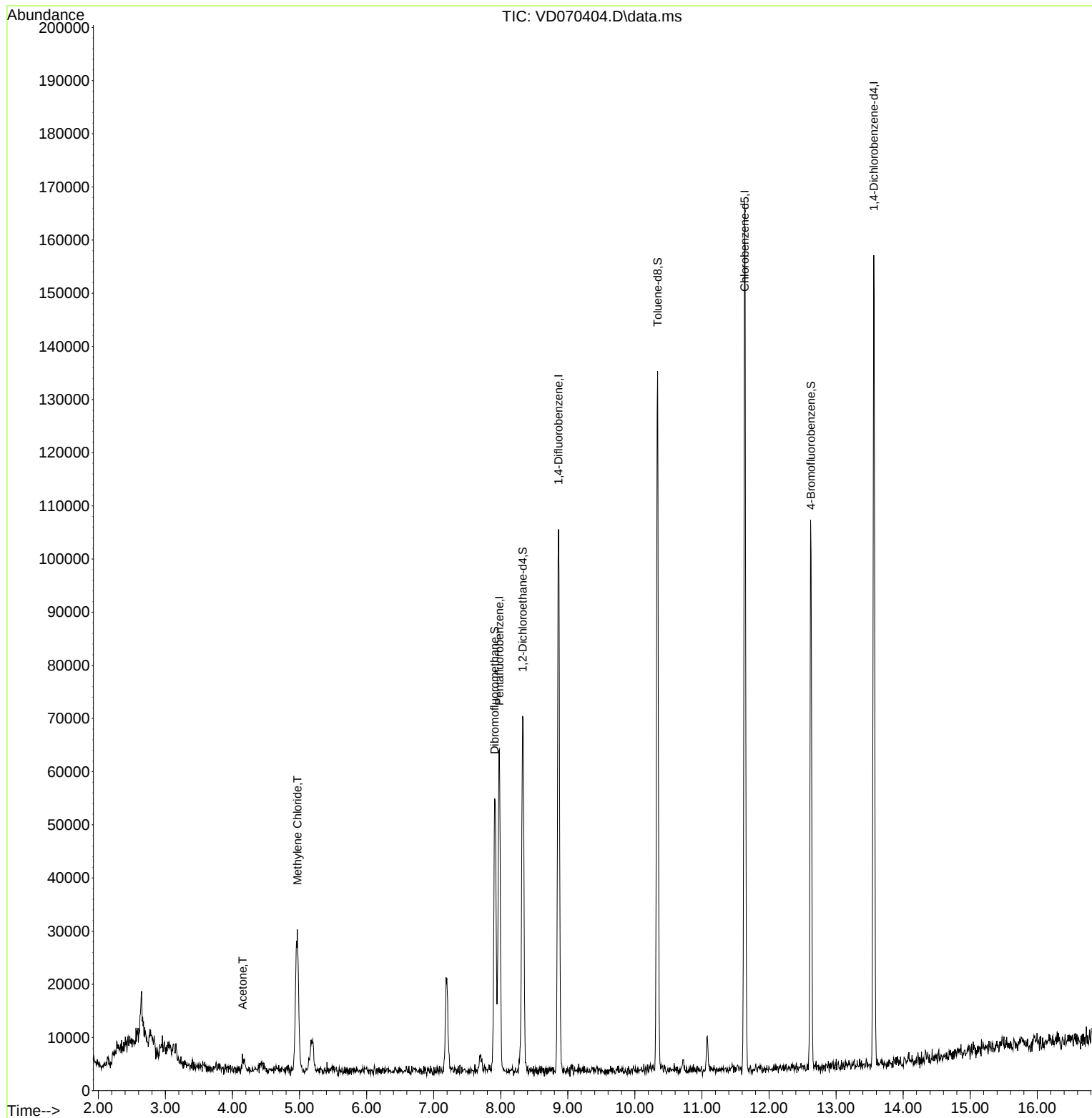
Internal Standards						
1) Pentafluorobenzene	7.979	168	42787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	88234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	97979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	41164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	54983	100.079	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 200.160%#	
35) Dibromofluoromethane	7.909	113	40110	63.863	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.720%	
50) Toluene-d8	10.338	98	93568	41.033	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 82.060%	
62) 4-Bromofluorobenzene	12.626	95	34005	42.669	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.340%	
Target Compounds						
16) Acetone	4.150	43	3211	32.736	ug/l	97
20) Methylene Chloride	4.967	84	21205	32.093	ug/l	88

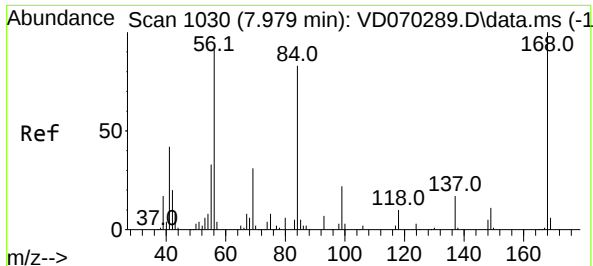
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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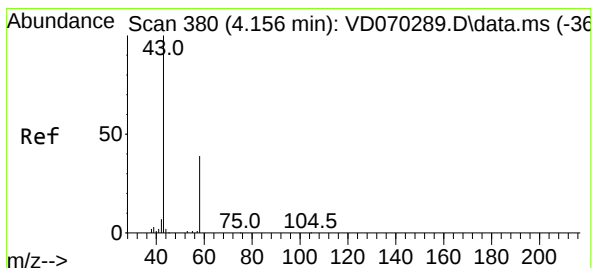
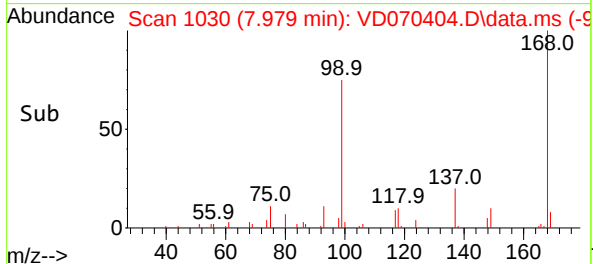
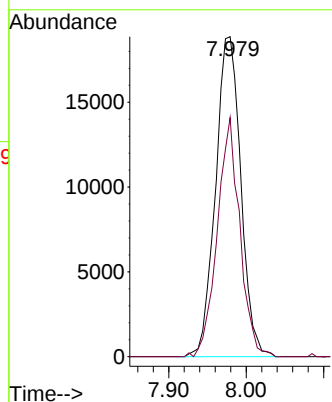
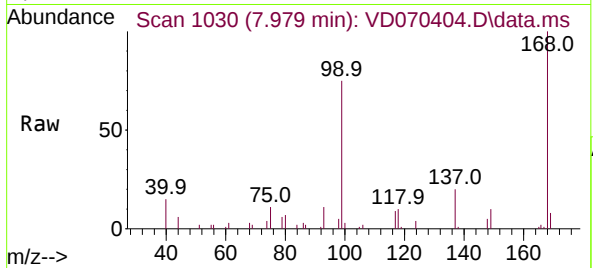




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070404.D
Acq: 21 Sep 2021 15:11

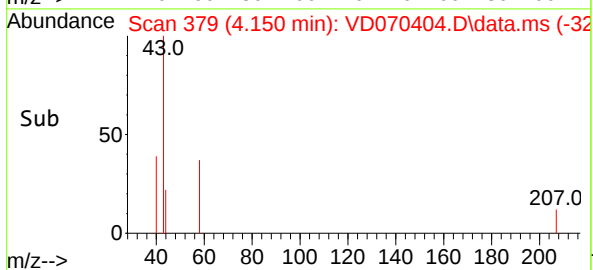
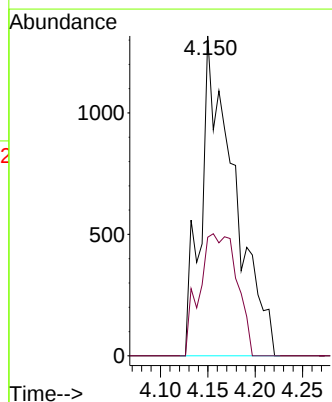
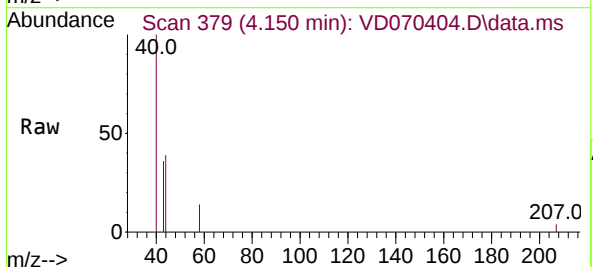
Instrument :
MSVOA_D
ClientSampled :
TP-C

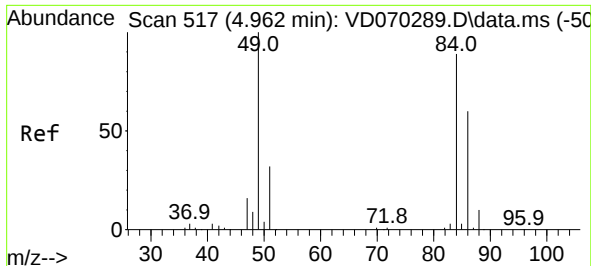
Tgt Ion:168 Resp: 42787
Ion Ratio Lower Upper
168 100
99 74.7 50.8 76.2



#16
Acetone
Concen: 32.736 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070404.D
Acq: 21 Sep 2021 15:11

Tgt Ion: 43 Resp: 3211
Ion Ratio Lower Upper
43 100
58 37.1 30.9 46.3

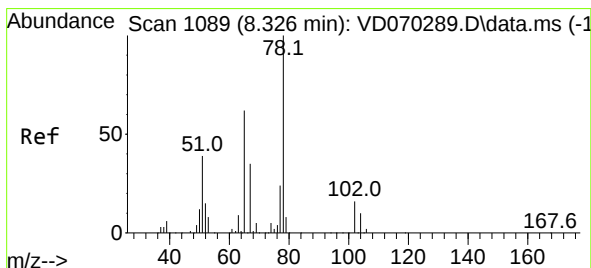
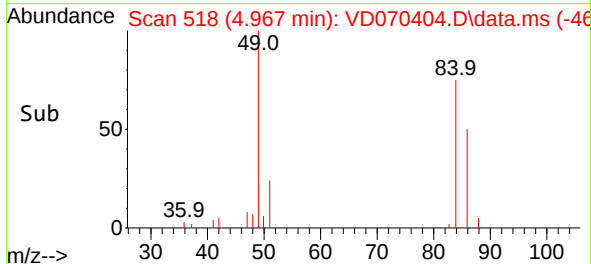
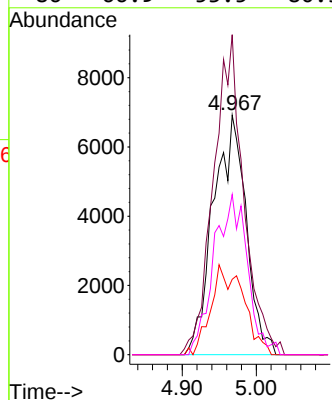
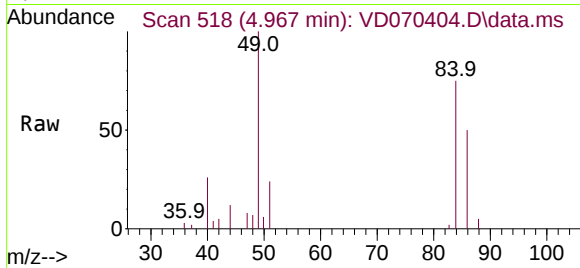




#20
Methylene Chloride
Concen: 32.093 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070404.D
Acq: 21 Sep 2021 15:11

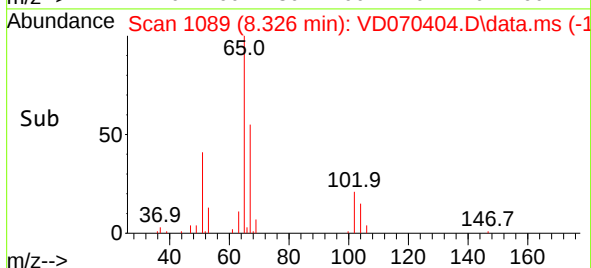
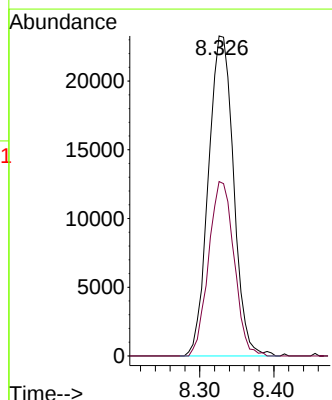
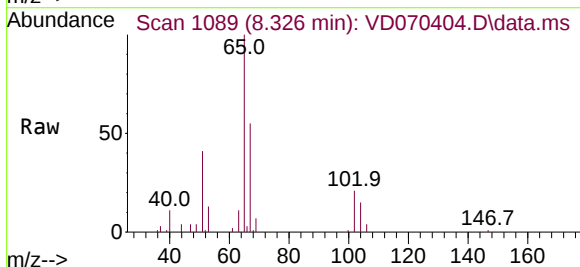
Instrument :
MSVOA_D
ClientSampled :
TP-C

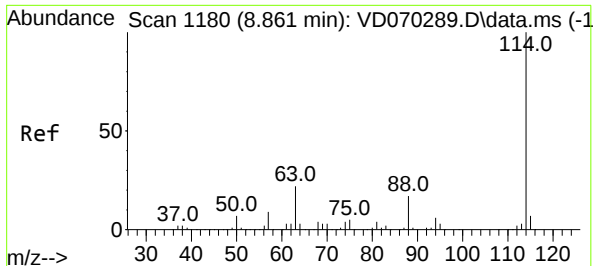
Tgt Ion:	84	Resp:	21205
Ion	Ratio	Lower	Upper
84	100		
49	133.6	89.6	134.4
51	31.4	28.6	43.0
86	66.9	53.5	80.3



#33
1,2-Dichloroethane-d4
Concen: 100.079 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070404.D
Acq: 21 Sep 2021 15:11

Tgt Ion:	65	Resp:	54983
Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	111.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

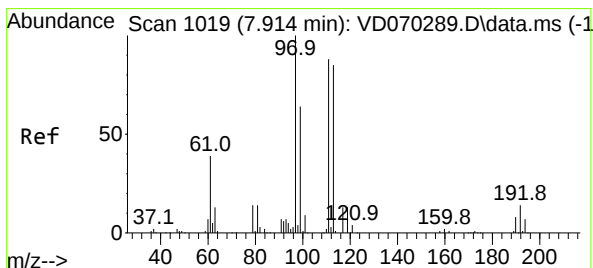
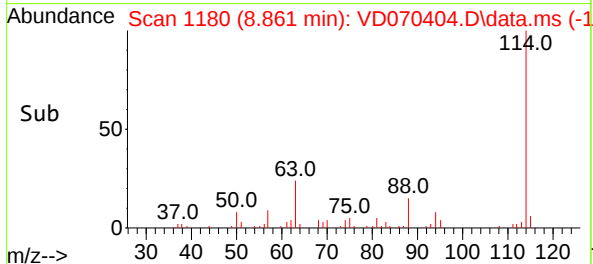
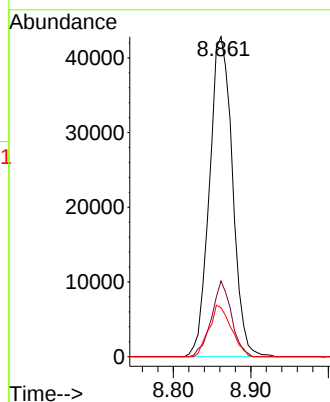
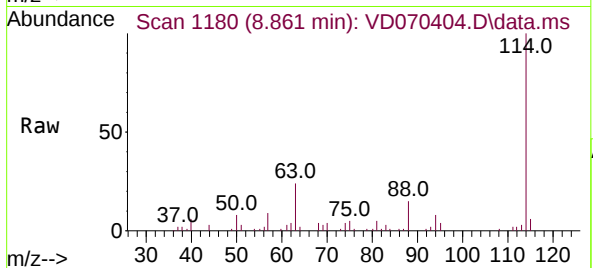
Delta R.T. -0.000 min

Lab File: VD070404.D

Acq: 21 Sep 2021 15:11

Tgt Ion:	114	Resp:	88234
Ion Ratio	Lower	Upper	
114	100		
63	23.6	0.0	43.4
88	15.3	0.0	33.4

Instrument :
MSVOA_D
ClientSampled :
TP-C



#35

Dibromofluoromethane

Concen: 63.863 ug/l

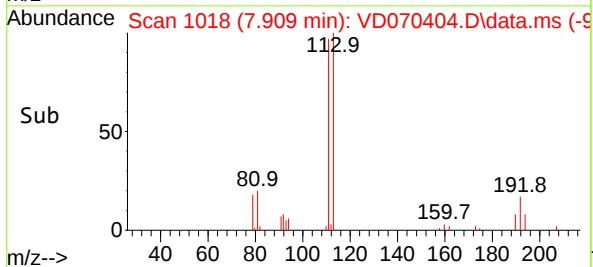
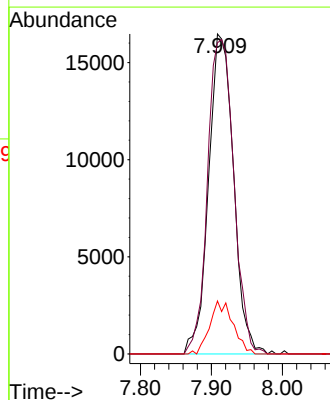
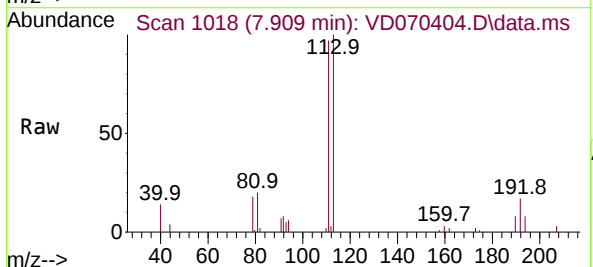
RT: 7.909 min Scan# 1018

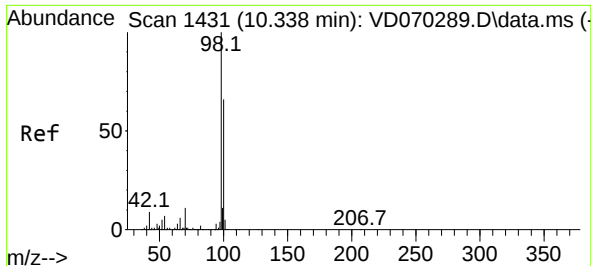
Delta R.T. -0.006 min

Lab File: VD070404.D

Acq: 21 Sep 2021 15:11

Tgt Ion:	113	Resp:	40110
Ion Ratio	Lower	Upper	
113	100		
111	103.4	81.4	122.2
192	15.4	13.0	19.6

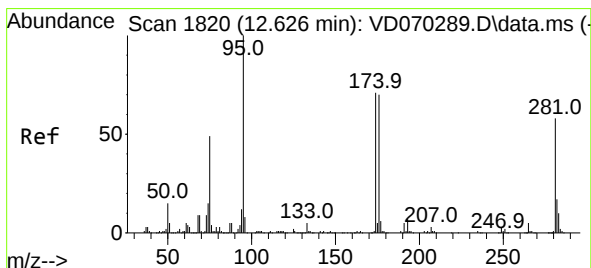
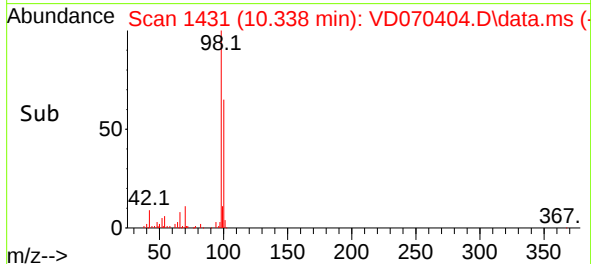
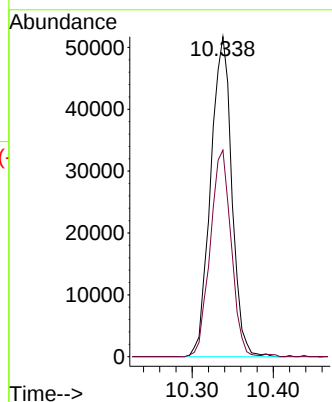
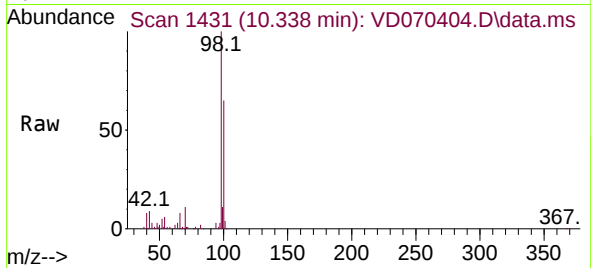




#50
Toluene-d8
Concen: 41.033 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070404.D
Acq: 21 Sep 2021 15:11

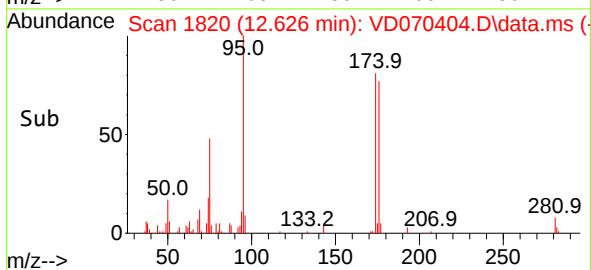
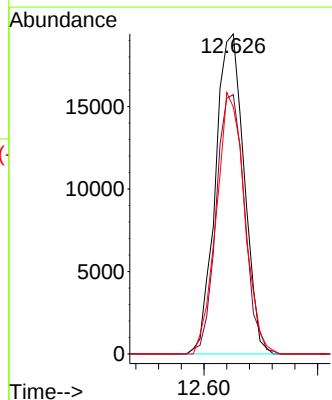
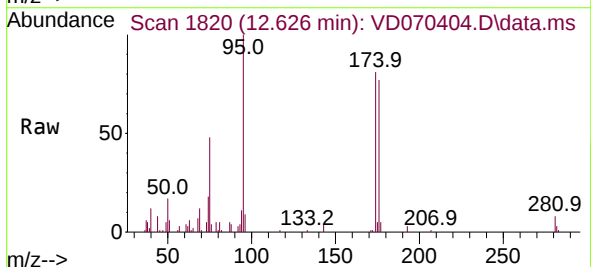
Instrument :
MSVOA_D
ClientSampled :
TP-C

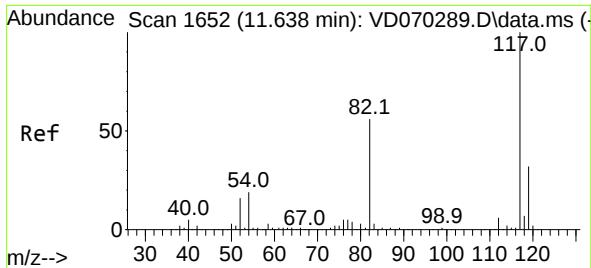
Tgt Ion: 98 Resp: 93568
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.669 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070404.D
Acq: 21 Sep 2021 15:11

Tgt Ion: 95 Resp: 34005
Ion Ratio Lower Upper
95 100
174 79.9 0.0 140.6
176 80.4 0.0 137.4

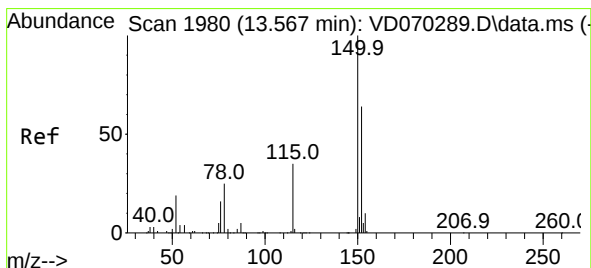
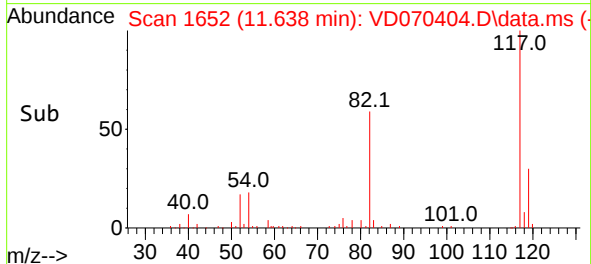
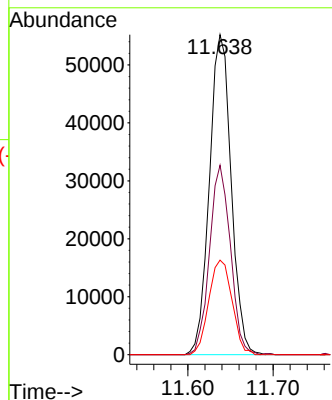
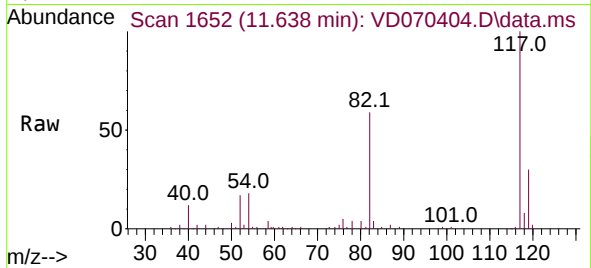




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070404.D
Acq: 21 Sep 2021 15:11

Instrument :
MSVOA_D
ClientSampled :
TP-C

Tgt Ion:	117	Resp:	97979
Ion Ratio	Lower	Upper	
117	100		
82	59.2	45.0	67.4
119	29.6	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: VD070404.D
Acq: 21 Sep 2021 15:11

Tgt Ion:	152	Resp:	41164
Ion Ratio	Lower	Upper	
152	100		
115	63.1	32.1	96.3
150	157.5	0.0	350.6

