

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092121\
 Data File : VD070412.D
 Acq On : 21 Sep 2021 18:56
 Operator : VA/SY
 Sample : M3792-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20416

Quant Time: Sep 22 01:49:07 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)

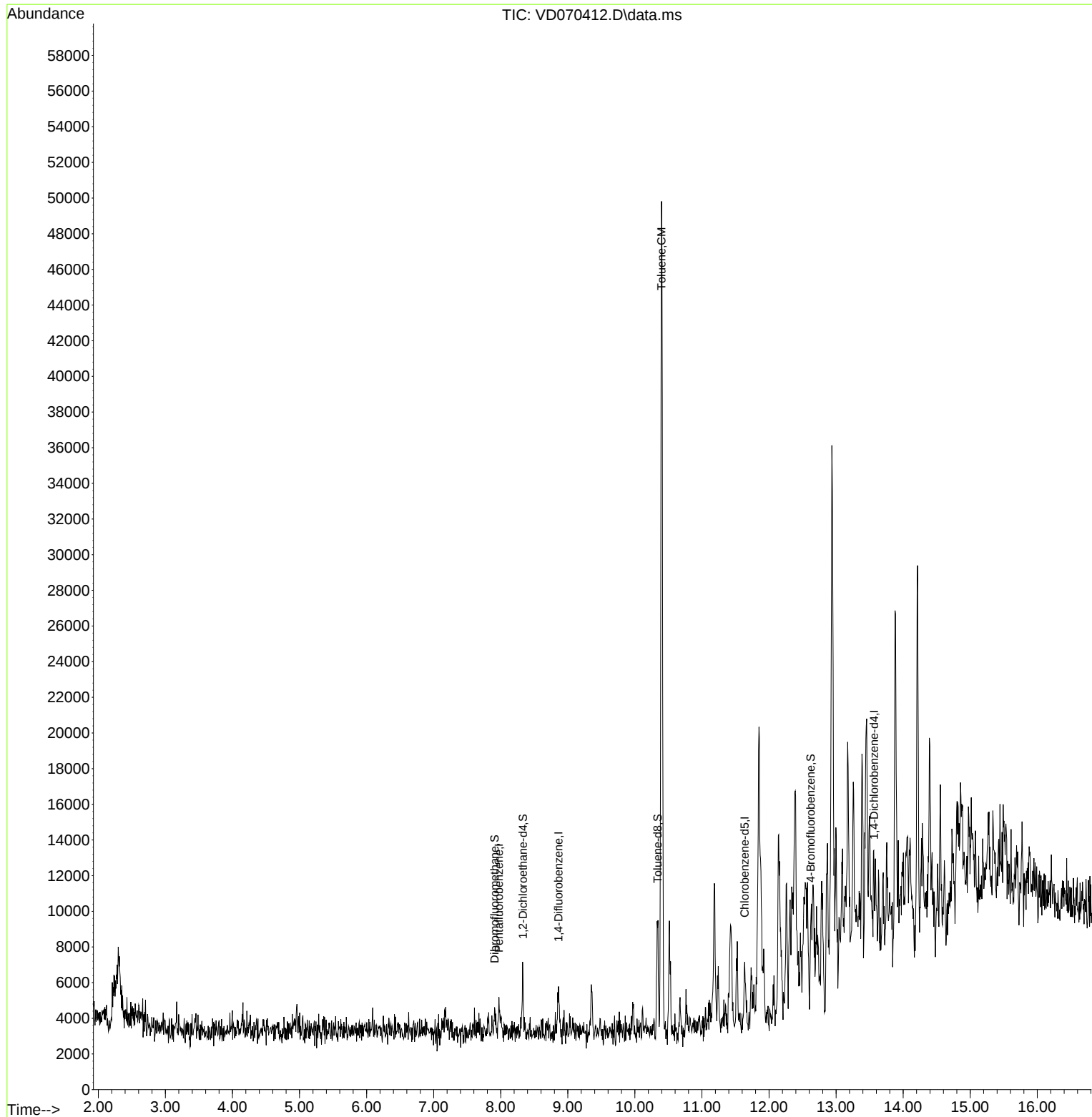
Internal Standards						
1) Pentafluorobenzene	7.973	168	1381	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	2940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	2337	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	2475	139.575	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	279.160%#
35) Dibromofluoromethane	7.908	113	1020	48.740	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.480%
50) Toluene-d8	10.338	98	2872	37.798	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	75.600%
62) 4-Bromofluorobenzene	12.620	95	958	36.076	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.160%
Target Compounds						
52) Toluene	10.397	92	21014	377.653	ug/l	Qvalue 93

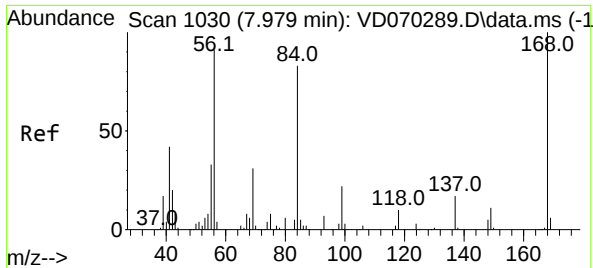
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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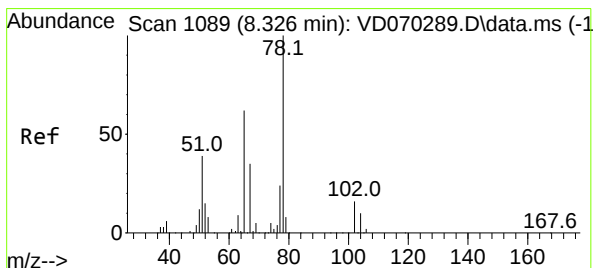
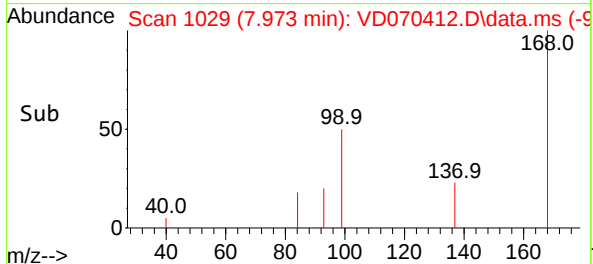
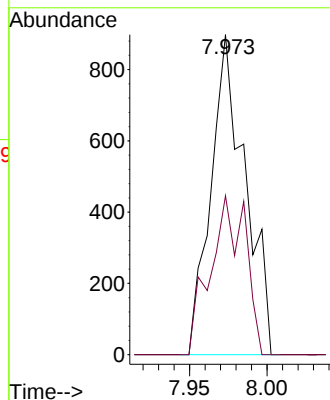
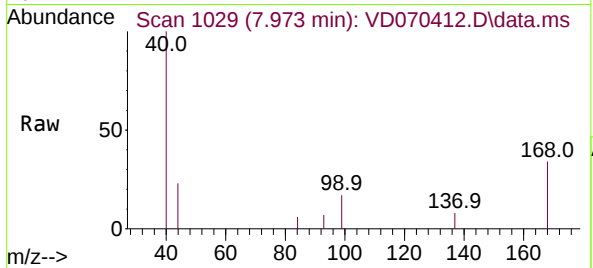




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070412.D
Acq: 21 Sep 2021 18:56

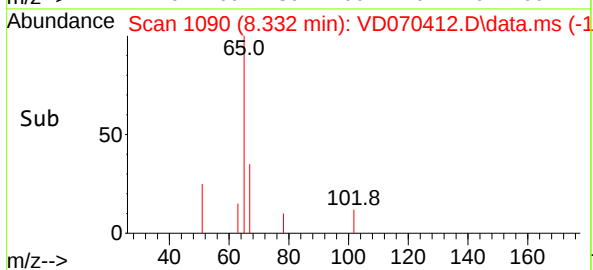
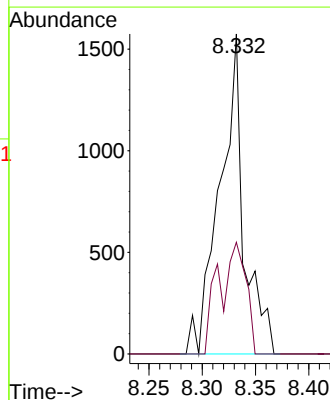
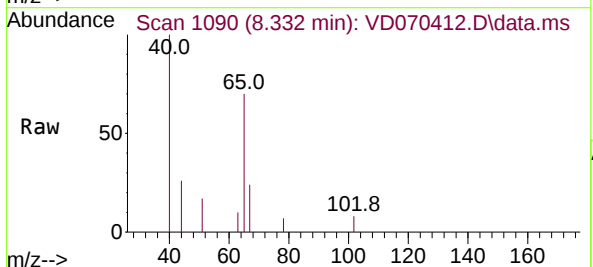
Instrument :
MSVOA_D
ClientSampleId :
20416

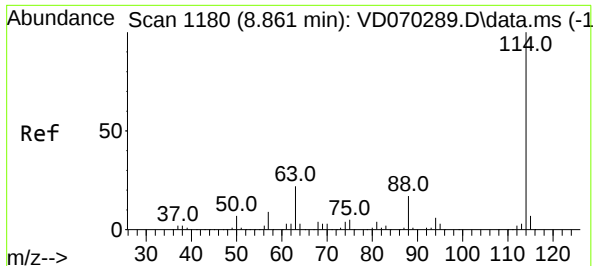
Tgt Ion:168 Resp: 1381
Ion Ratio Lower Upper
168 100
99 49.7 50.8 76.2#



#33
1,2-Dichloroethane-d4
Concen: 139.575 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070412.D
Acq: 21 Sep 2021 18:56

Tgt Ion: 65 Resp: 2475
Ion Ratio Lower Upper
65 100
67 25.0 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: VD070412.D

Acq: 21 Sep 2021 18:56

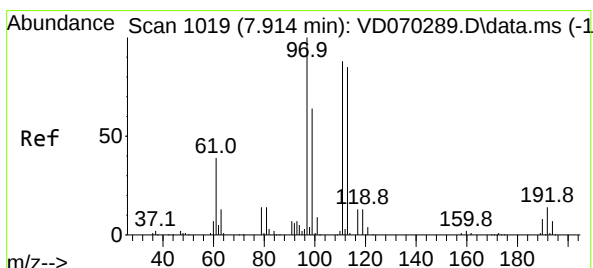
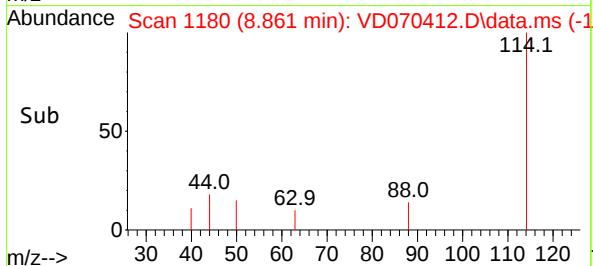
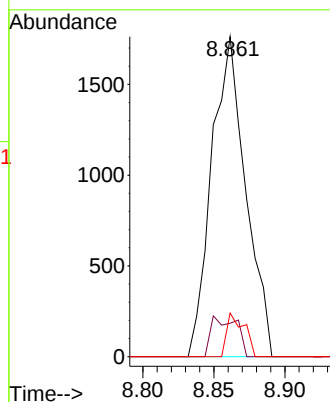
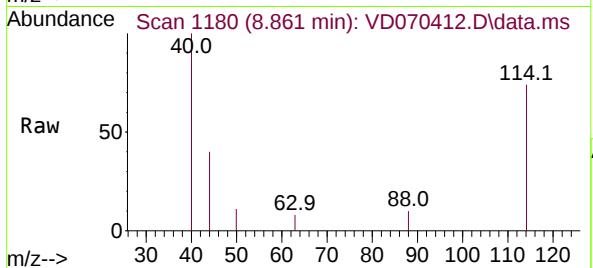
Instrument :

MSVOA_D

ClientSampleId :

20416

Tgt Ion:	114	Resp:	2940
Ion Ratio	Lower	Upper	
114	100		
63	10.4	0.0	43.4
88	13.7	0.0	33.4



#35

Dibromofluoromethane

Concen: 48.740 ug/l

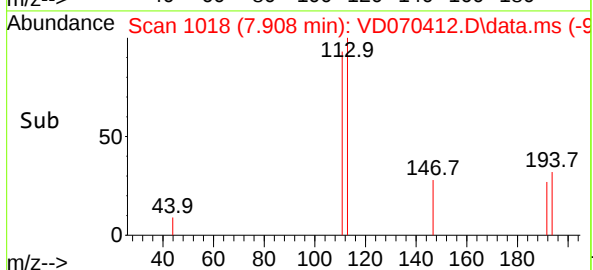
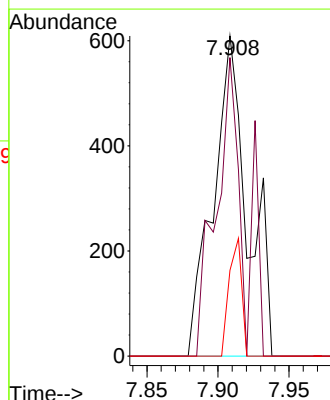
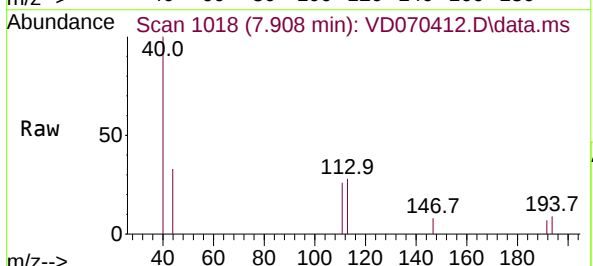
RT: 7.908 min Scan# 1018

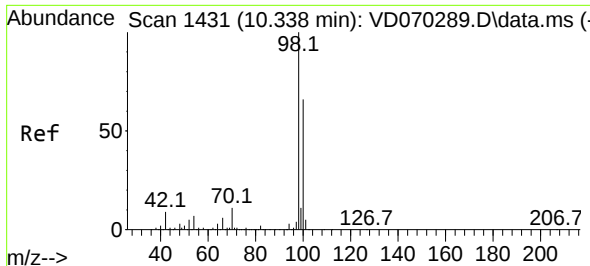
Delta R.T. -0.006 min

Lab File: VD070412.D

Acq: 21 Sep 2021 18:56

Tgt Ion:	113	Resp:	1020
Ion Ratio	Lower	Upper	
113	100		
111	59.7	81.4	122.2#
192	13.4	13.0	19.6

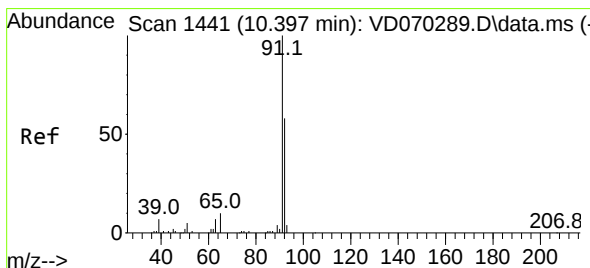
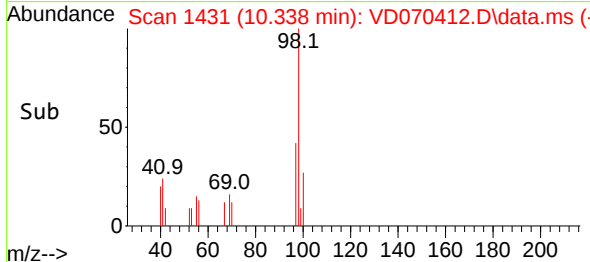
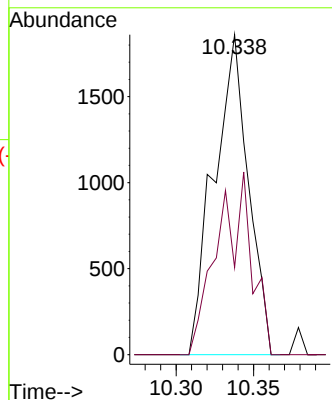
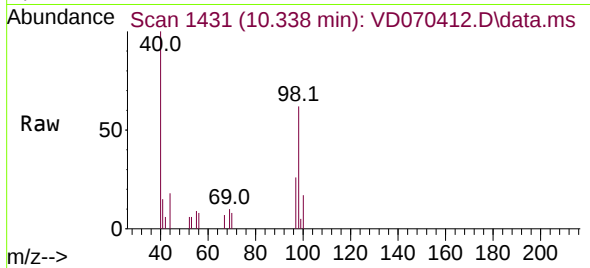




#50
Toluene-d8
Concen: 37.798 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070412.D
Acq: 21 Sep 2021 18:56

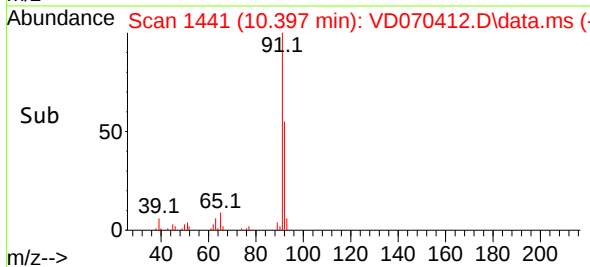
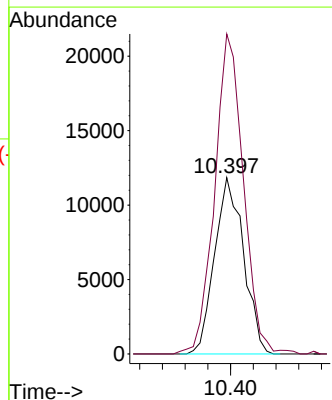
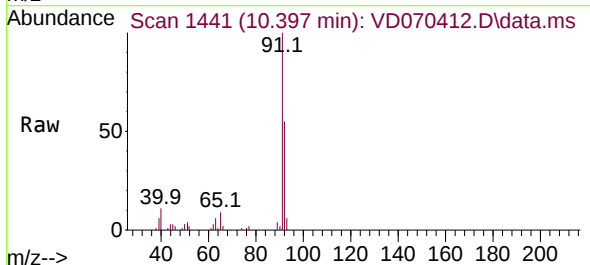
Instrument :
MSVOA_D
ClientSampleId :
20416

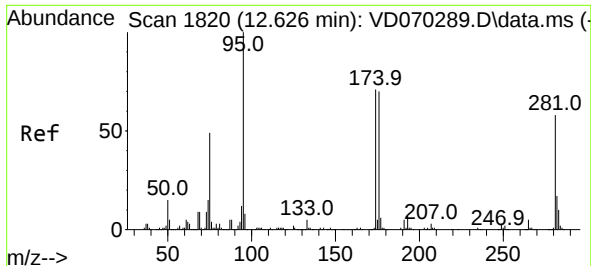
Tgt Ion: 98 Resp: 2872
Ion Ratio Lower Upper
98 100
100 56.2 52.0 78.0



#52
Toluene
Concen: 377.653 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD070412.D
Acq: 21 Sep 2021 18:56

Tgt Ion: 92 Resp: 21014
Ion Ratio Lower Upper
92 100
91 179.6 136.2 204.2

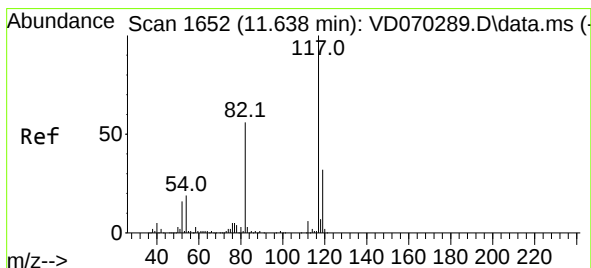
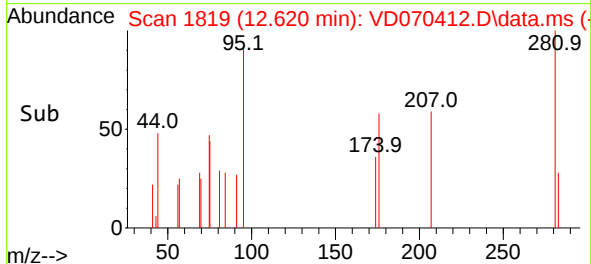
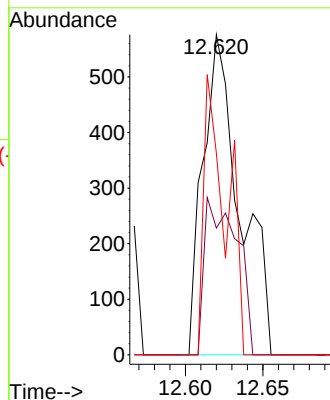
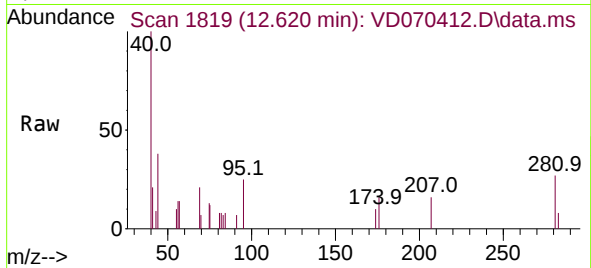




#62
4-Bromofluorobenzene
Concen: 36.076 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070412.D
Acq: 21 Sep 2021 18:56

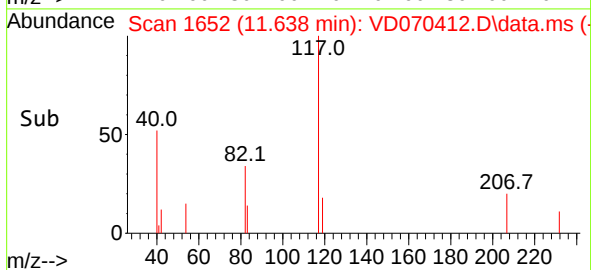
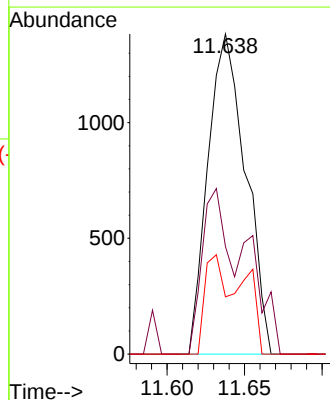
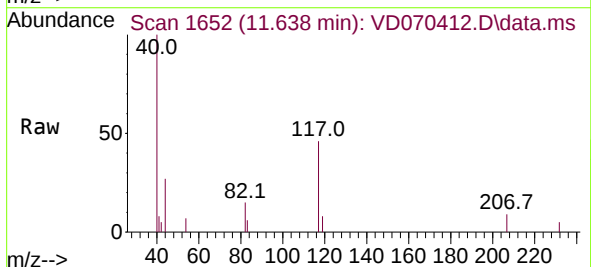
Instrument :
MSVOA_D
ClientSampleId :
20416

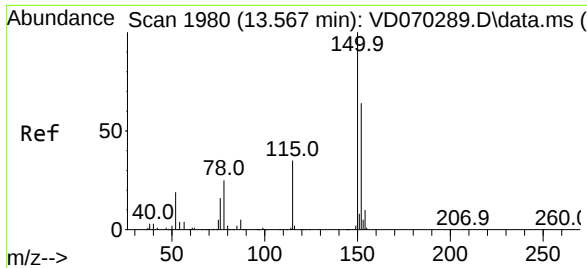
Tgt Ion: 95 Resp: 958
Ion Ratio Lower Upper
95 100
174 43.1 0.0 140.6
176 52.6 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070412.D
Acq: 21 Sep 2021 18:56

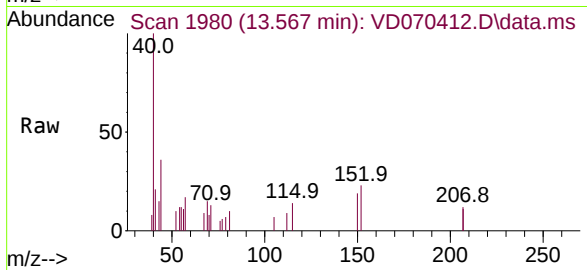
Tgt Ion: 117 Resp: 2337
Ion Ratio Lower Upper
117 100
82 33.6 45.0 67.4#
119 17.9 25.2 37.8#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070412.D
 Acq: 21 Sep 2021 18:56

Instrument :
 MSVOA_D
 ClientSampleId :
 20416



Tgt Ion:	152	Resp:	717
Ion	Ratio	Lower	Upper
152	100		
115	79.8	32.1	96.3
150	145.9	0.0	350.6

