

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070821\
 Data File : VD069626.D
 Acq On : 08 Jul 2021 13:45
 Operator : VA/SY
 Sample : M2963-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-2A-COMP

Quant Time: Jul 09 01:02:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

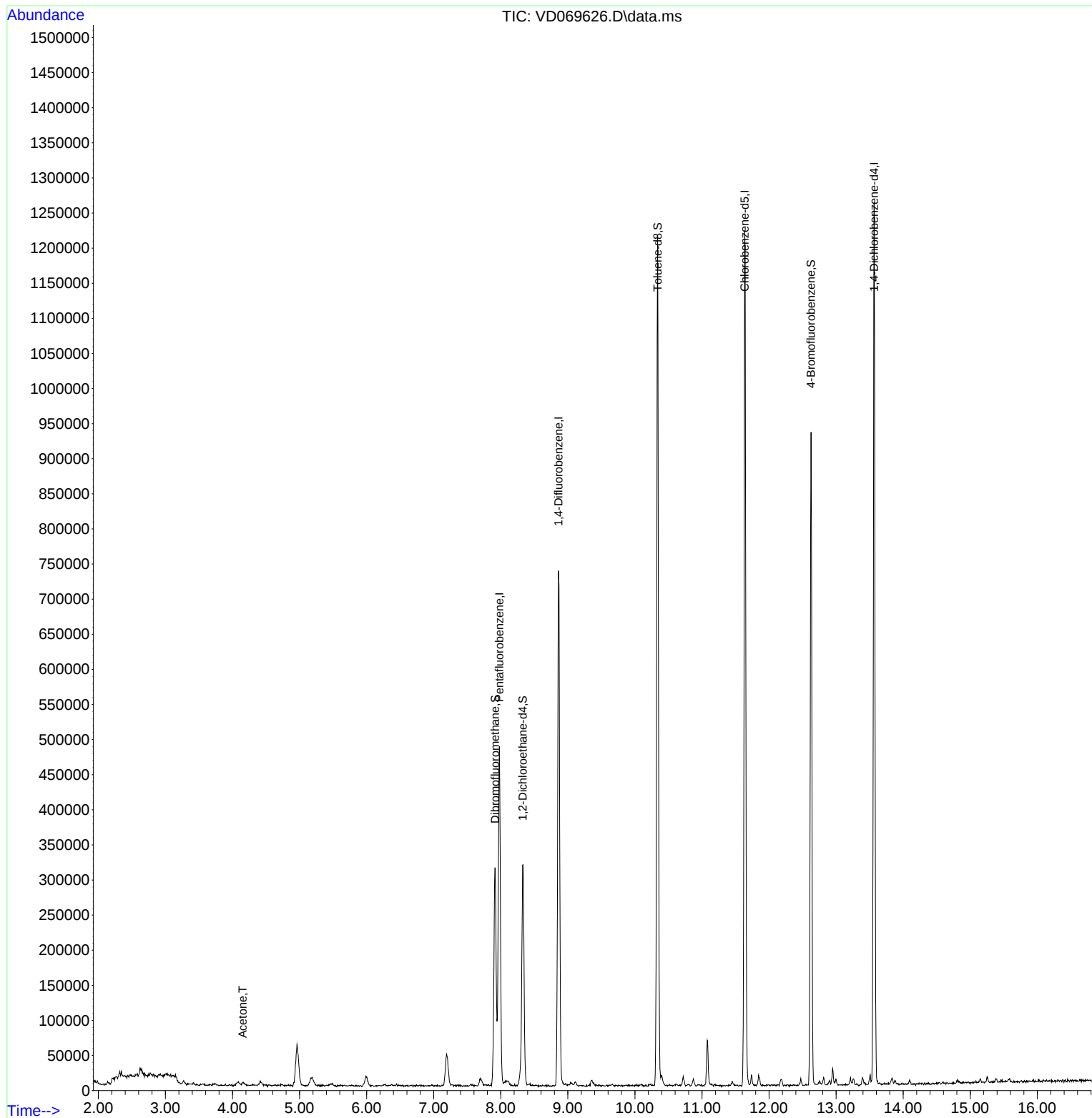
Internal Standards						
1) Pentafluorobenzene	7.979	168	322806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	616375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	705236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	321644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	251750	62.566	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	125.140%	
35) Dibromofluoromethane	7.914	113	227816	54.677	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	109.360%	
50) Toluene-d8	10.337	98	825378	52.812	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	105.620%	
62) 4-Bromofluorobenzene	12.626	95	319127	62.112	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	124.220%	
Target Compounds						
16) Acetone	4.150	43	8011	11.829	ug/l	Qvalue # 83

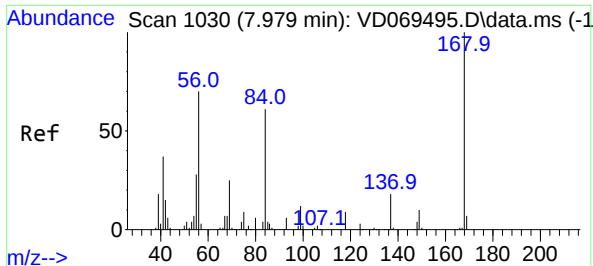
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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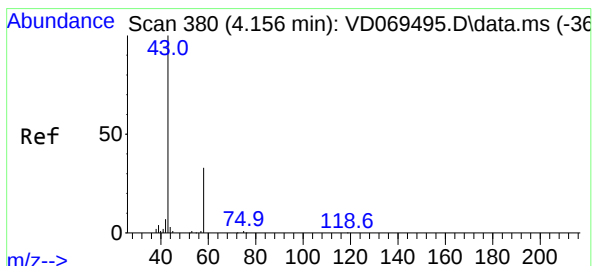
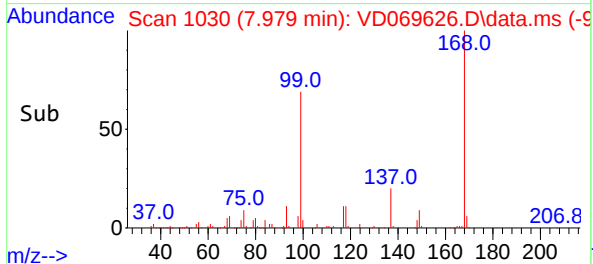
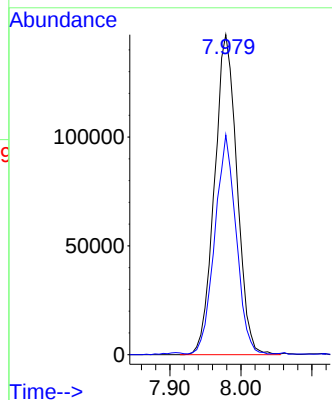
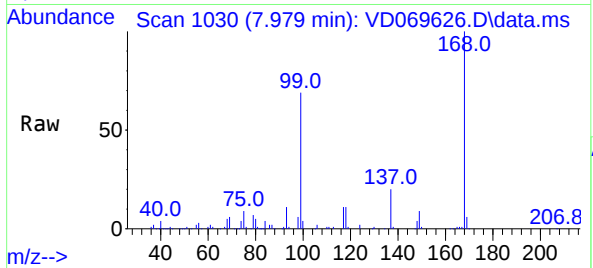




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069626.D
Acq: 08 Jul 2021 13:45

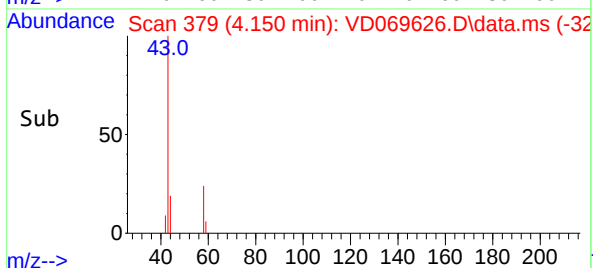
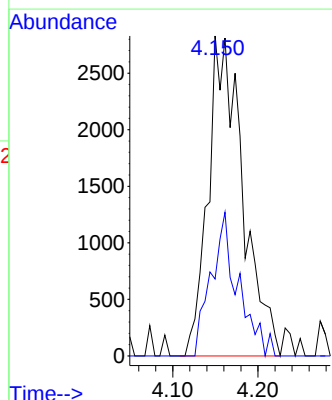
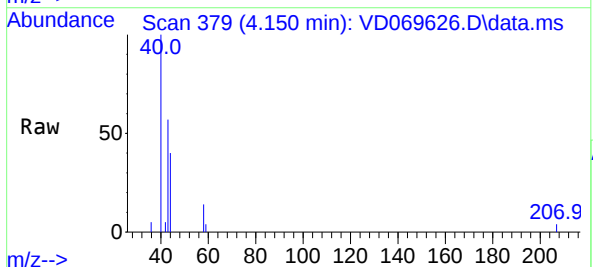
Instrument :
MSVOA_D
ClientSampleId :
MH-2A-COMP

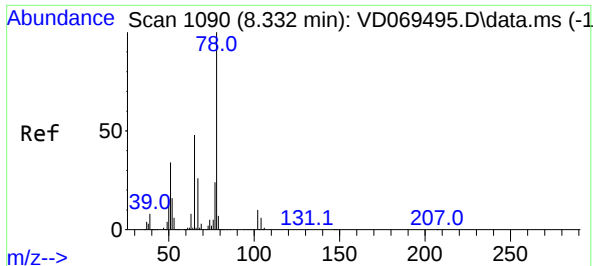
Tgt Ion:168 Resp: 322806
Ion Ratio Lower Upper
168 100
99 68.2 49.3 73.9



#16
Acetone
Concen: 11.829 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD069626.D
Acq: 08 Jul 2021 13:45

Tgt Ion: 43 Resp: 8011
Ion Ratio Lower Upper
43 100
58 24.0 26.8 40.2#



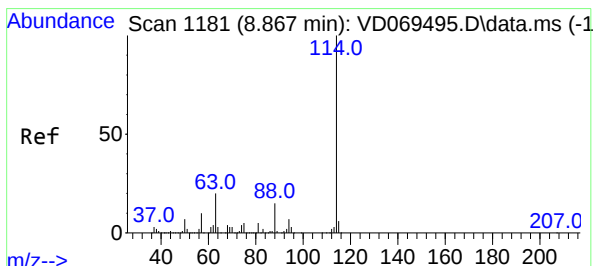
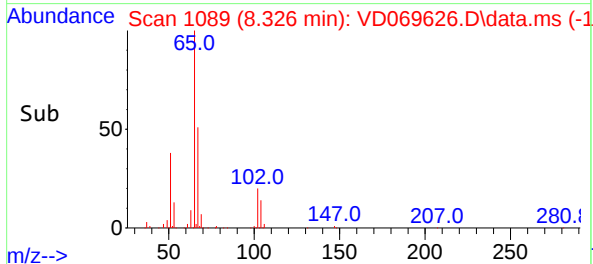
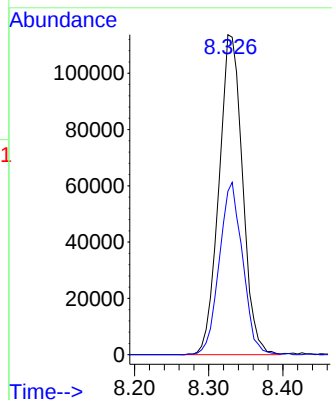
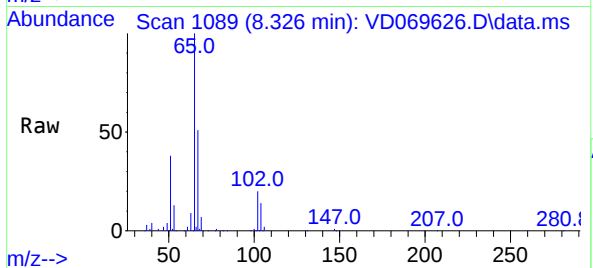


#33

1,2-Dichloroethane-d4
Concen: 62.566 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069626.D
Acq: 08 Jul 2021 13:45

Instrument :
MSVOA_D
ClientSampleId :
MH-2A-COMP

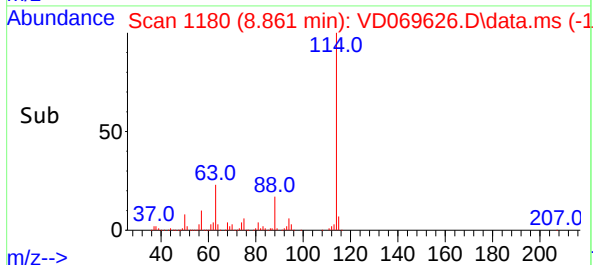
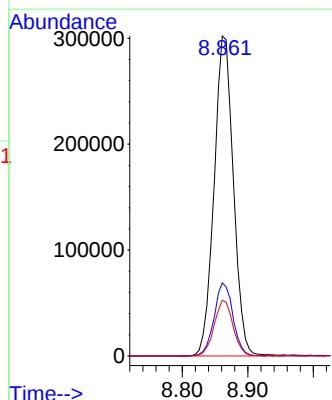
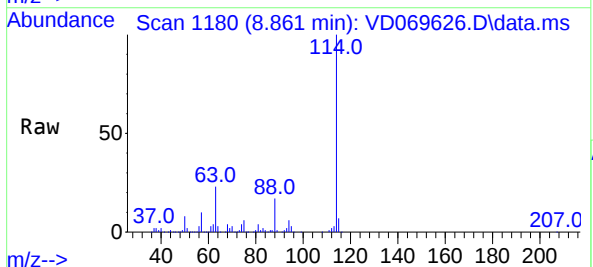
Tgt Ion: 65 Resp: 251750
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.6

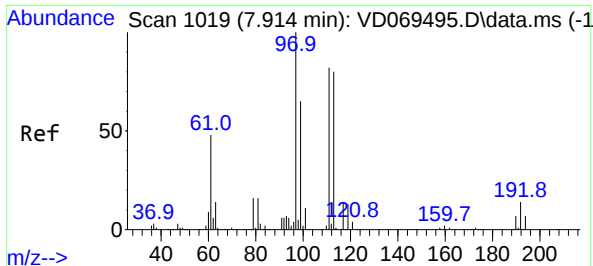


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069626.D
Acq: 08 Jul 2021 13:45

Tgt Ion: 114 Resp: 616375
Ion Ratio Lower Upper
114 100
63 22.9 0.0 39.6
88 17.4 0.0 29.8



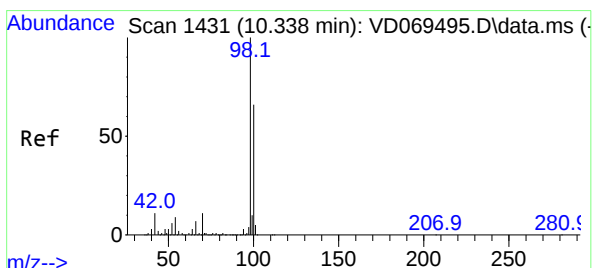
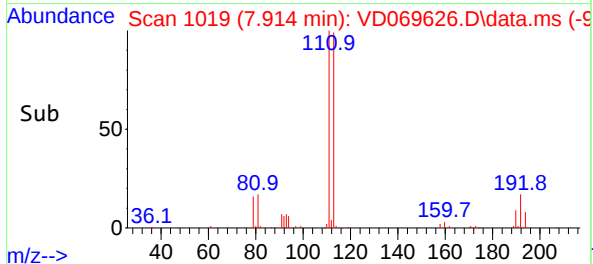
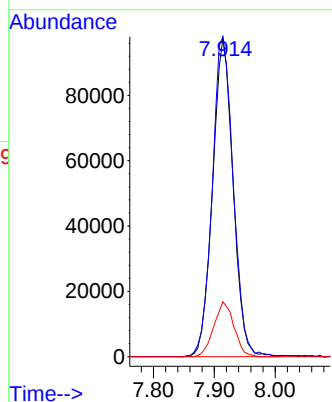
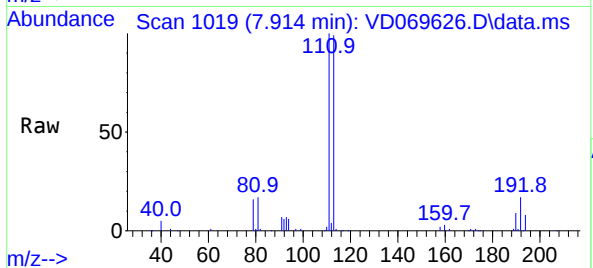


#35

Dibromofluoromethane
Concen: 54.677 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069626.D
Acq: 08 Jul 2021 13:45

Instrument :
MSVOA_D
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MH-2A-COMP

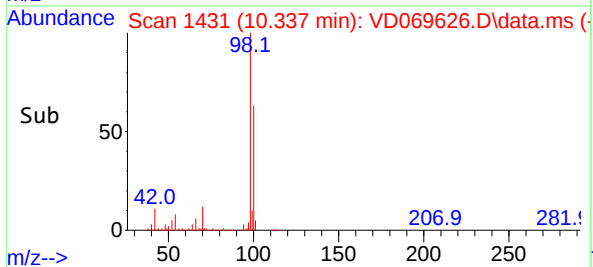
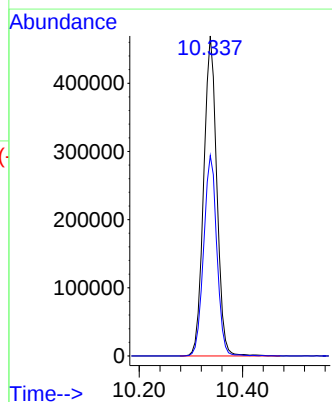
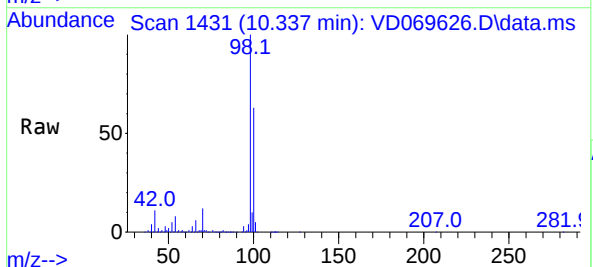
Tgt Ion:113 Resp: 227816
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.8
192 16.9 13.8 20.6

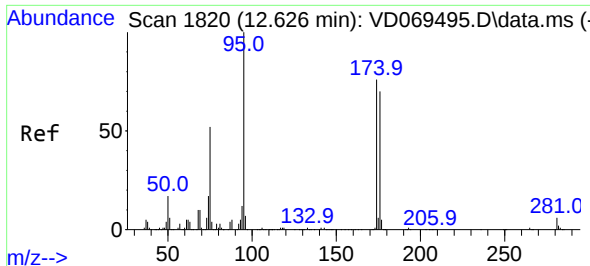


#50

Toluene-d8
Concen: 52.812 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069626.D
Acq: 08 Jul 2021 13:45

Tgt Ion: 98 Resp: 825378
Ion Ratio Lower Upper
98 100
100 63.0 52.3 78.5

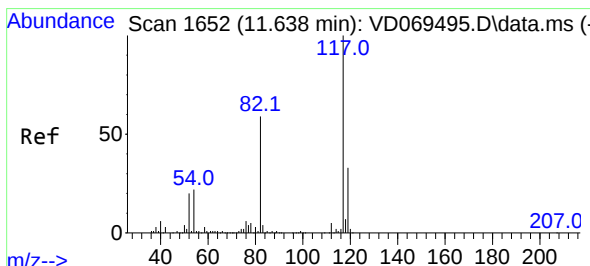
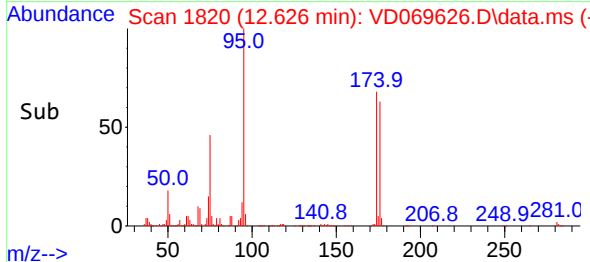
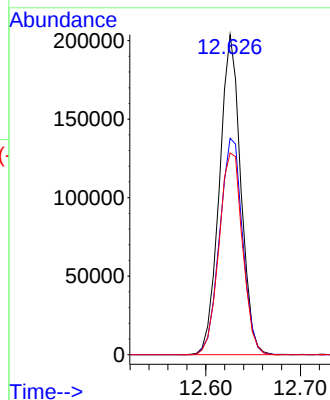
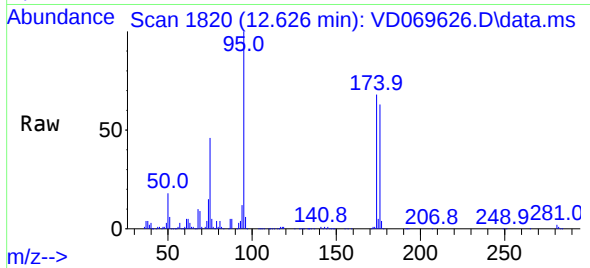




#62
4-Bromofluorobenzene
Concen: 62.112 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069626.D
Acq: 08 Jul 2021 13:45

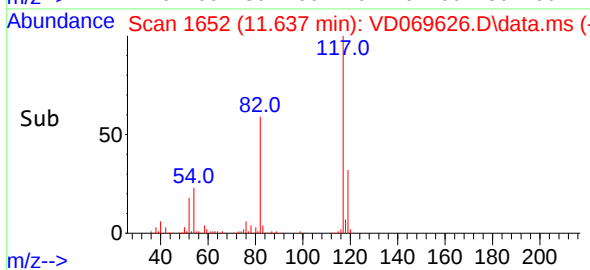
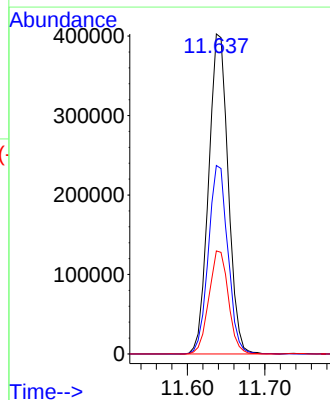
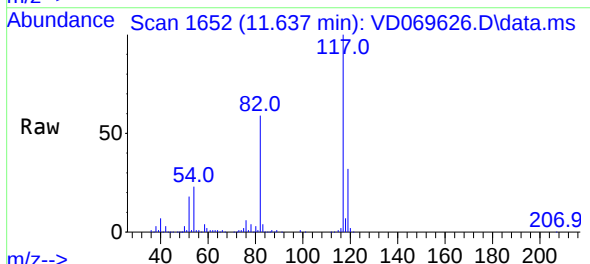
Instrument :
MSVOA_D
ClientSampleId :
MH-2A-COMP

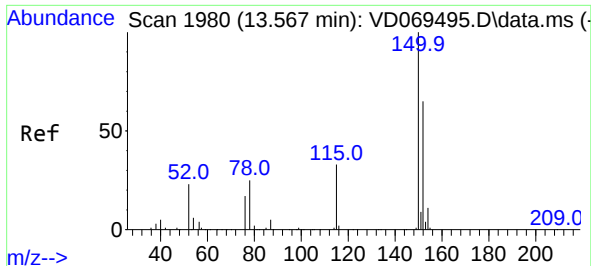
Tgt Ion: 95 Resp: 319127
Ion Ratio Lower Upper
95 100
174 72.8 0.0 148.0
176 69.2 0.0 139.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069626.D
Acq: 08 Jul 2021 13:45

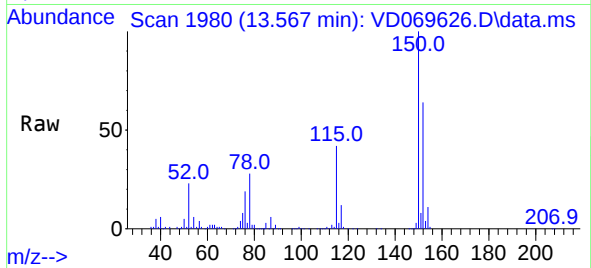
Tgt Ion: 117 Resp: 705236
Ion Ratio Lower Upper
117 100
82 58.9 46.8 70.2
119 32.2 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069626.D
 Acq: 08 Jul 2021 13:45

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-2A-COMP



Tgt Ion:152 Resp: 321644

Ion	Ratio	Lower	Upper
152	100		
115	63.7	31.7	95.1
150	158.8	0.0	350.8

