

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112221\
 Data File : VW020938.D
 Acq On : 22 Nov 2021 15:48
 Operator : SY/VA
 Sample : M4758-27
 Misc : 5.01g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP14

Quant Time: Nov 23 02:24:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 05:03:38 2021
 Response via : Initial Calibration

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

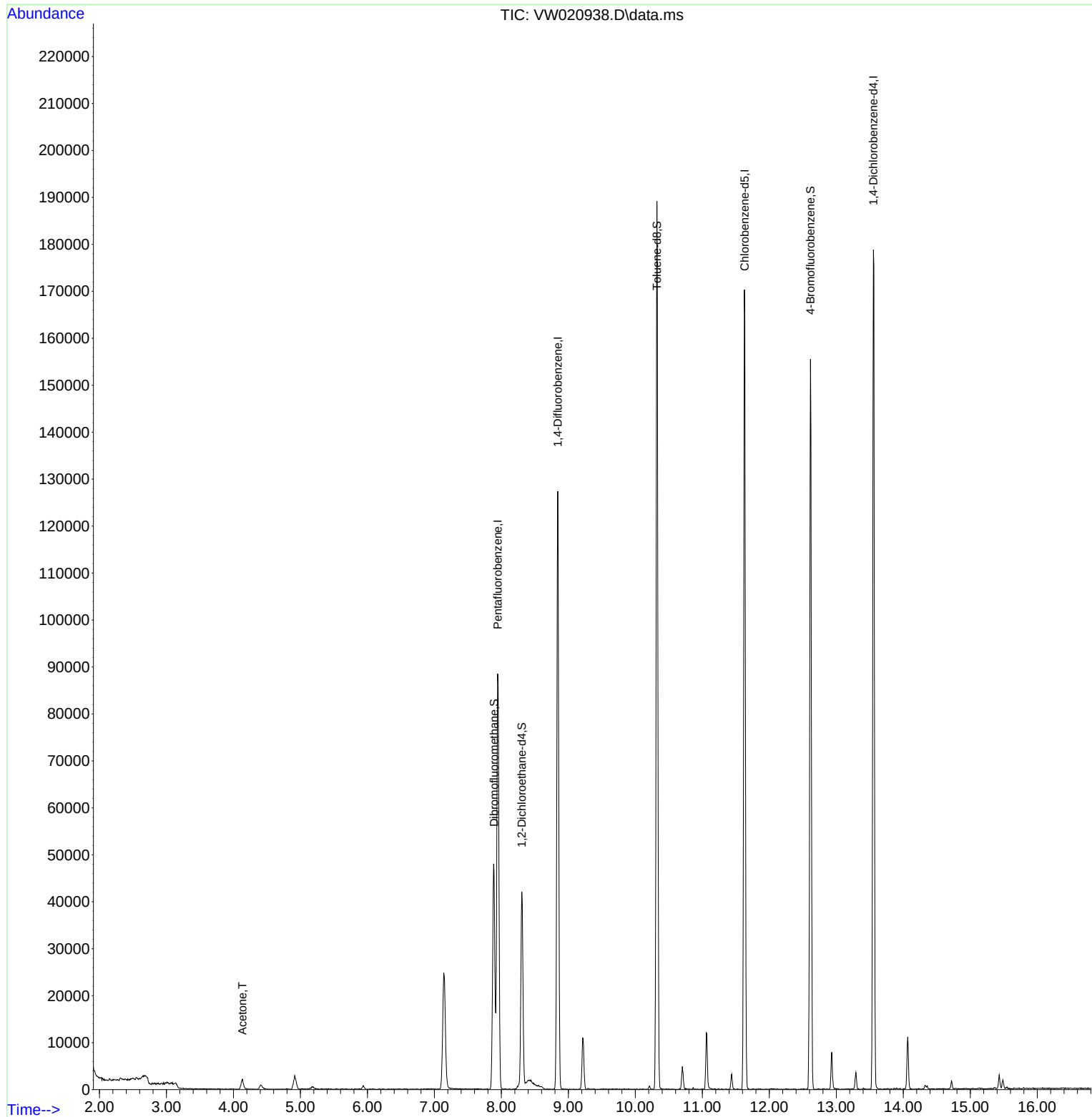
Internal Standards						
1) Pentafluorobenzene	7.945	168	70364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	106413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	97849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	47868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	32580	49.986	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.980%
35) Dibromofluoromethane	7.890	113	32974	49.401	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.800%
50) Toluene-d8	10.323	98	122533	50.053	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.100%
62) 4-Bromofluorobenzene	12.615	95	44011	48.206	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.420%
Target Compounds						
16) Acetone	4.135	43	3789	27.966	ug/l	Qvalue 94

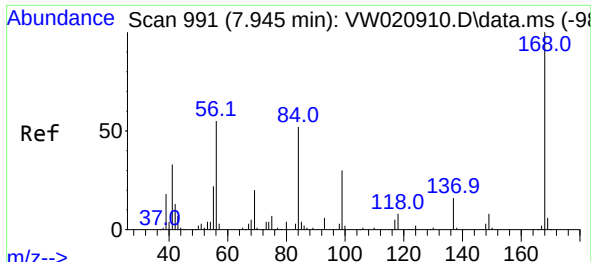
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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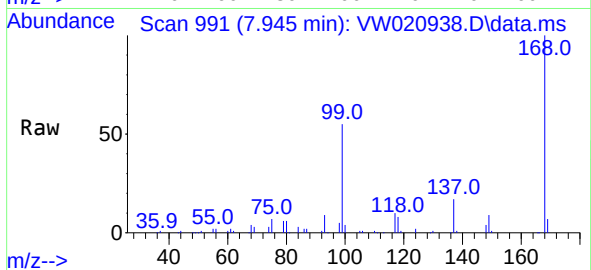
Quant Time: Nov 23 02:24:48 2021
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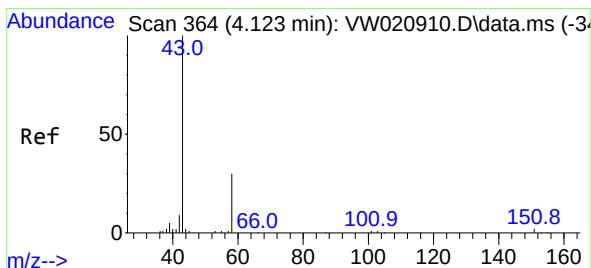
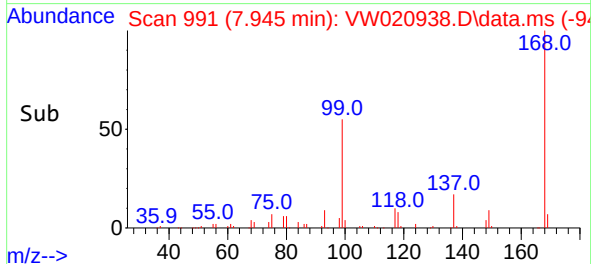
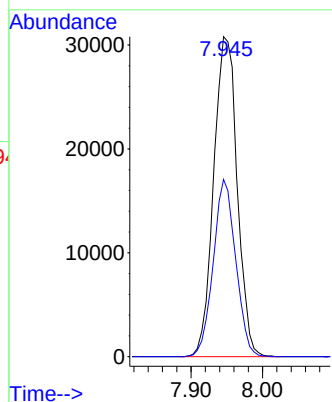


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. 0.000 min
Lab File: VW020938.D
Acq: 22 Nov 2021 15:48

Instrument :
MSVOA_W
ClientSampleId :
TP14

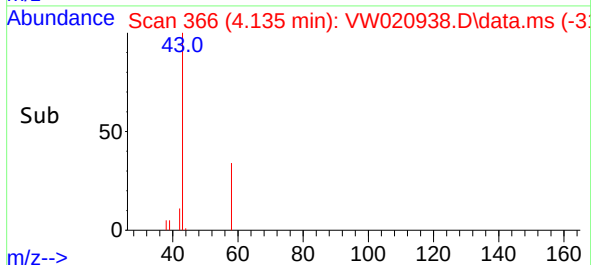
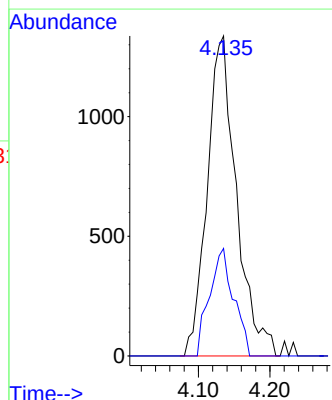
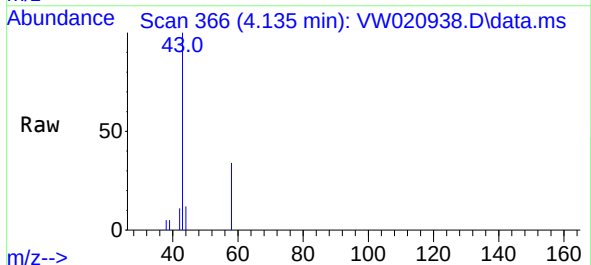


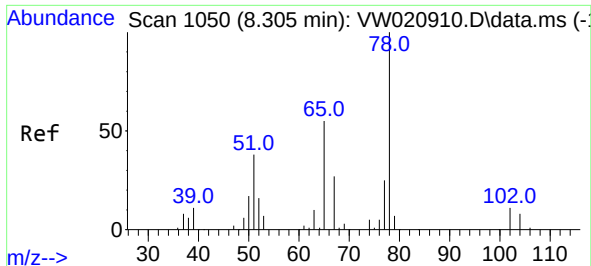
Tgt Ion:168 Resp: 70364
Ion Ratio Lower Upper
168 100
99 55.4 41.6 62.4



#16
Acetone
Concen: 27.966 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW020938.D
Acq: 22 Nov 2021 15:48

Tgt Ion: 43 Resp: 3789
Ion Ratio Lower Upper
43 100
58 33.6 24.2 36.2





#33

1,2-Dichloroethane-d4

Concen: 49.986 ug/l

RT: 8.305 min Scan# 1050

Delta R.T. 0.000 min

Lab File: VW020938.D

Acq: 22 Nov 2021 15:48

Instrument :

MSVOA_W

ClientSampleId :

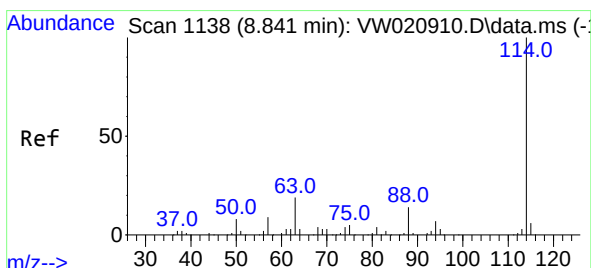
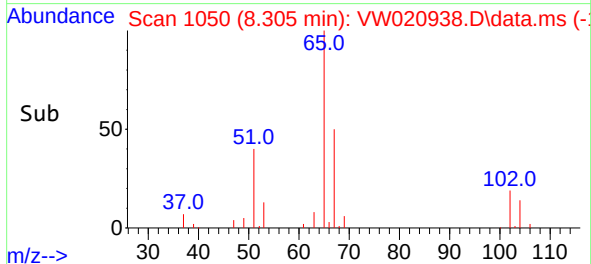
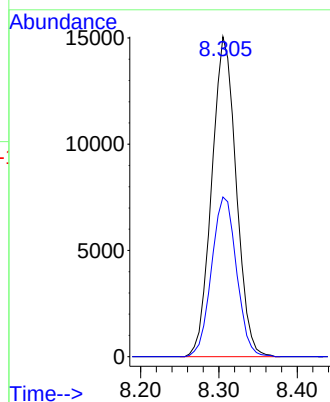
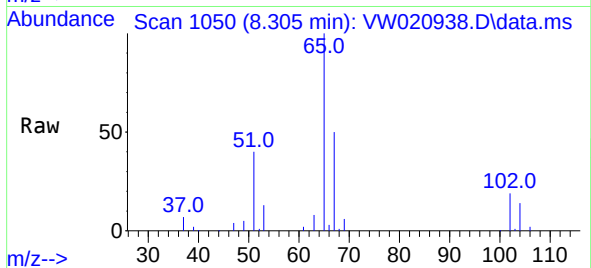
TP14

Tgt Ion: 65 Resp: 32580

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.842 min Scan# 1138

Delta R.T. 0.000 min

Lab File: VW020938.D

Acq: 22 Nov 2021 15:48

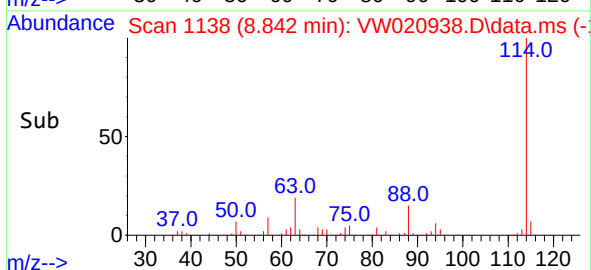
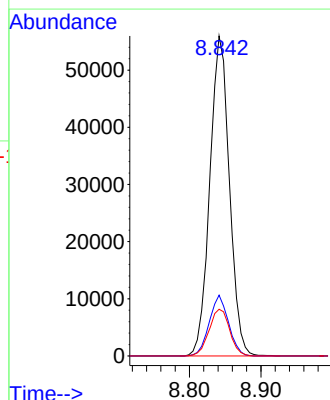
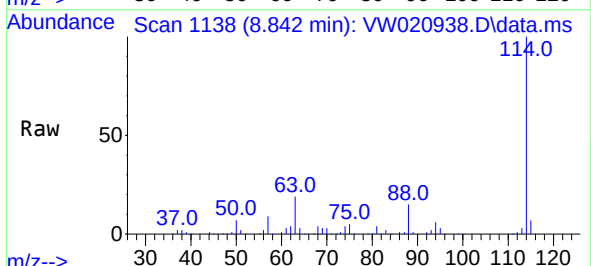
Tgt Ion: 114 Resp: 106413

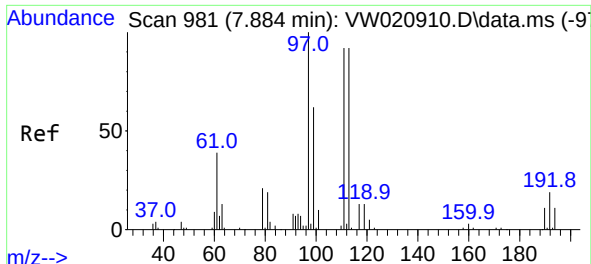
Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.2

88 14.6 0.0 28.8





#35

Dibromofluoromethane

Concen: 49.401 ug/l

RT: 7.890 min Scan# 981

Delta R.T. 0.006 min

Lab File: VW020938.D

Acq: 22 Nov 2021 15:48

Instrument :

MSVOA_W

ClientSampleId :

TP14

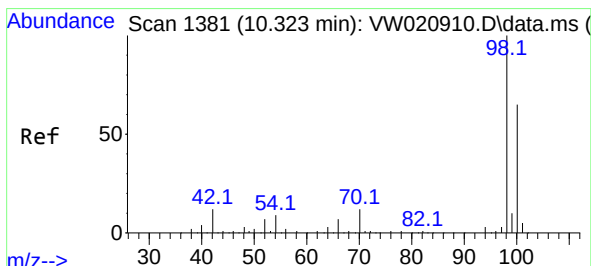
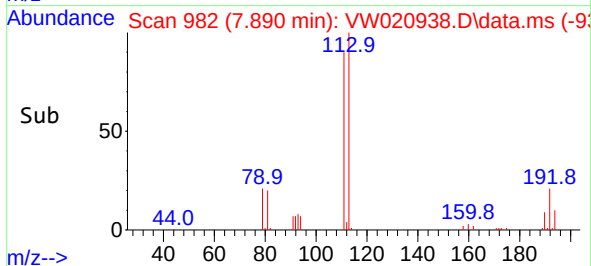
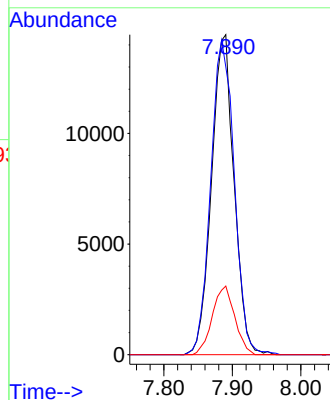
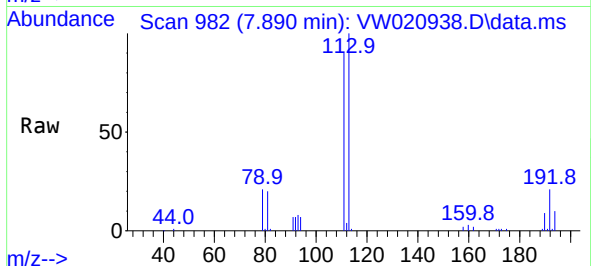
Tgt Ion:113 Resp: 32974

Ion Ratio Lower Upper

113 100

111 103.0 81.2 121.8

192 21.3 16.8 25.2



#50

Toluene-d8

Concen: 50.053 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VW020938.D

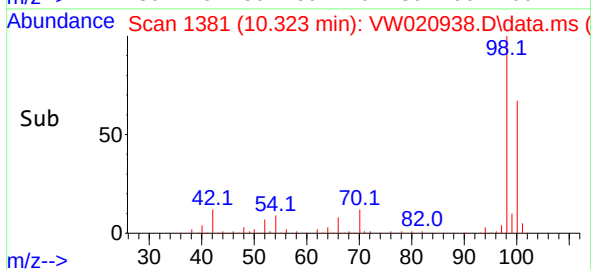
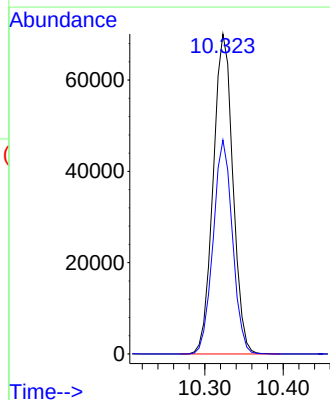
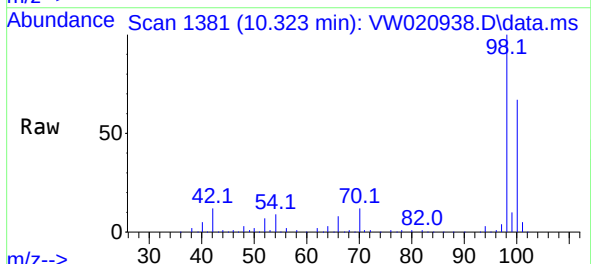
Acq: 22 Nov 2021 15:48

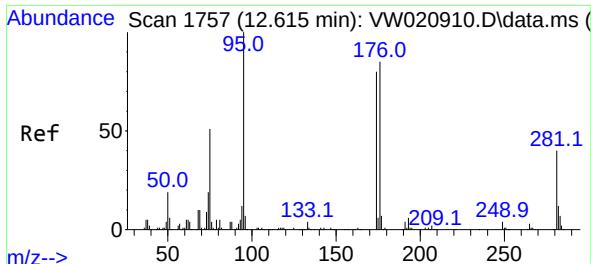
Tgt Ion: 98 Resp: 122533

Ion Ratio Lower Upper

98 100

100 65.4 52.6 79.0

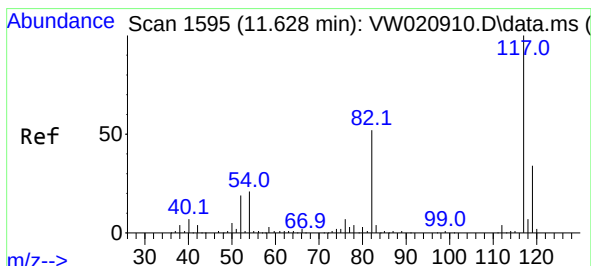
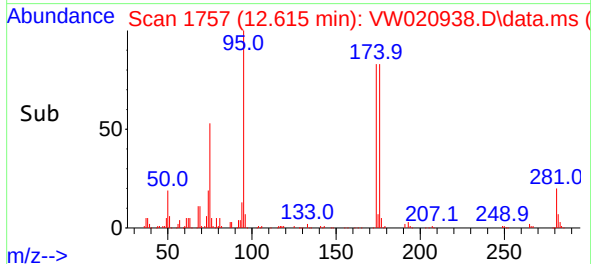
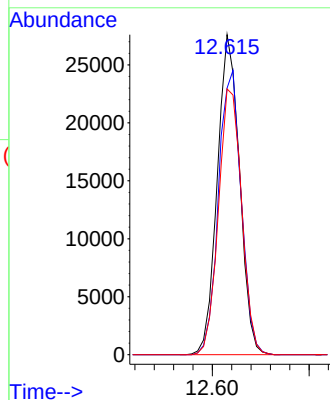
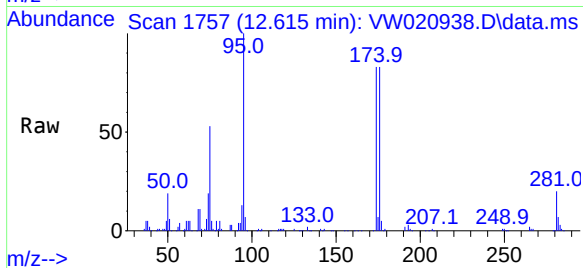




#62
4-Bromofluorobenzene
Concen: 48.206 ug/l
RT: 12.615 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020938.D
Acq: 22 Nov 2021 15:48

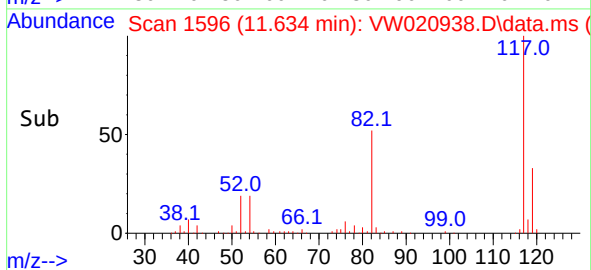
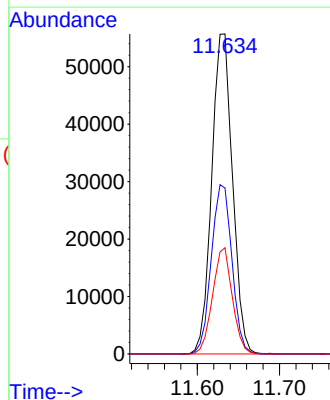
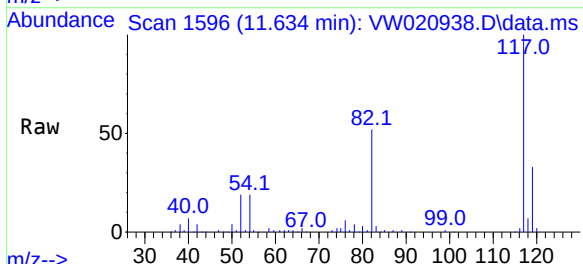
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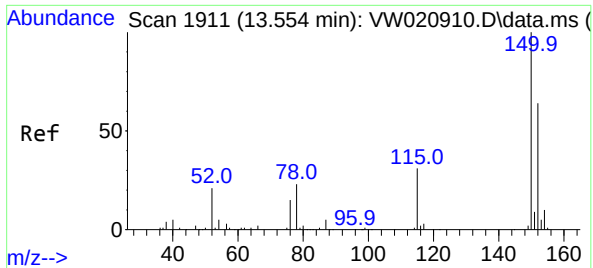
Tgt Ion:	95	Resp:	44011
Ion Ratio	Lower	Upper	
95	100		
174	90.5	0.0	171.2
176	86.5	0.0	175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VW020938.D
Acq: 22 Nov 2021 15:48

Tgt Ion:	117	Resp:	97849
Ion Ratio	Lower	Upper	
117	100		
82	51.8	41.4	62.2
119	33.2	27.2	40.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VW020938.D
 Acq: 22 Nov 2021 15:48

Instrument :
 MSVOA_W
 ClientSampleId :
 TP14

Tgt Ion:	152	Resp:	47868
Ion	Ratio	Lower	Upper
152	100		
115	58.5	27.8	83.3
150	162.3	0.0	348.4

