

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112221\
 Data File : VW020939.D
 Acq On : 22 Nov 2021 16:12
 Operator : SY/VA
 Sample : M4758-33
 Misc : 5.02g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP17

Quant Time: Nov 23 02:25:06 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)

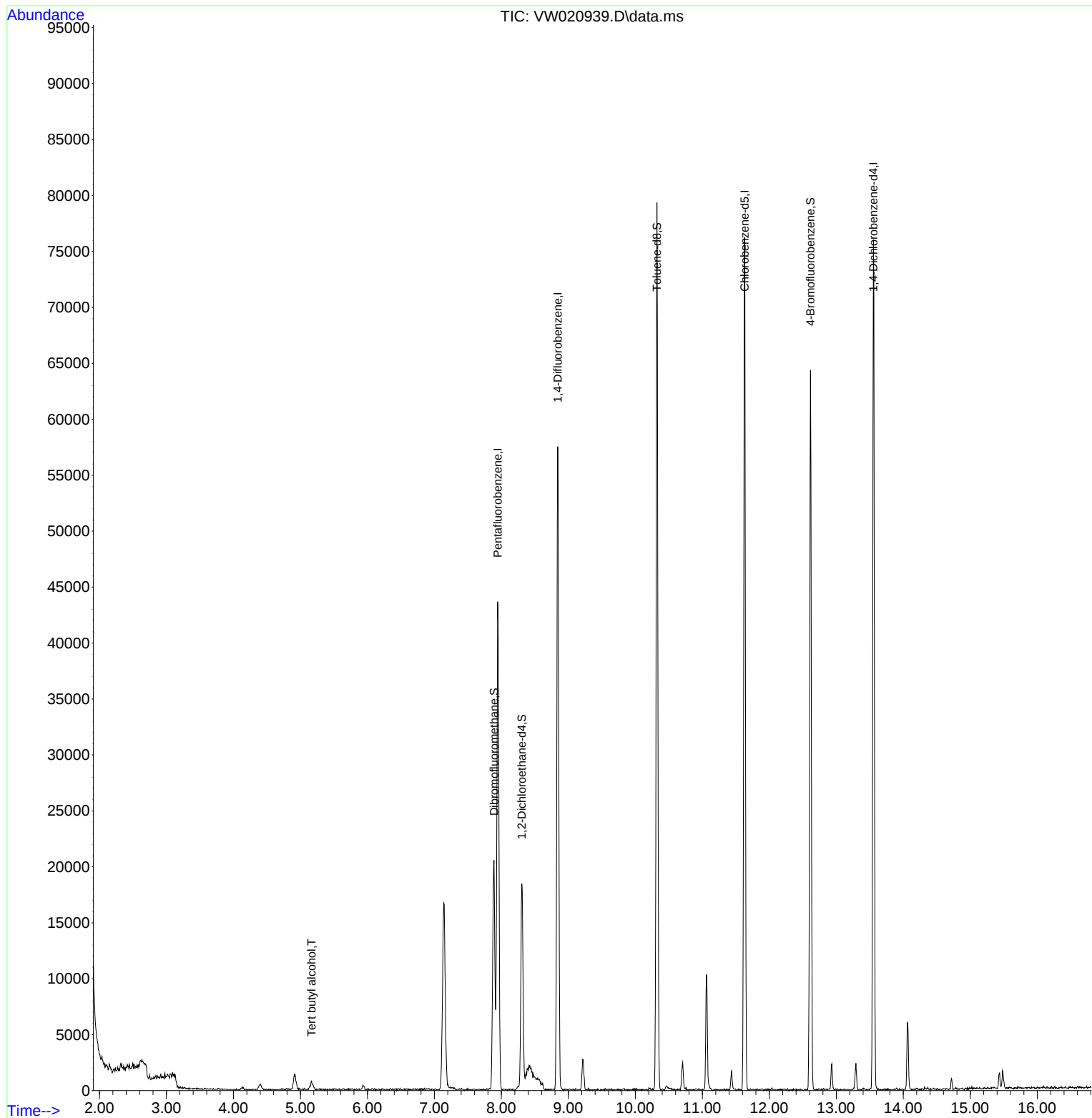
Internal Standards						
1) Pentafluorobenzene	7.945	168	34069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	49539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	43361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	20141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	14790	46.866	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.740%
35) Dibromofluoromethane	7.891	113	14272	45.930	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.860%
50) Toluene-d8	10.323	98	50711	44.497	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.000%
62) 4-Bromofluorobenzene	12.615	95	17253	40.593	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.180%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.165	59	1217	43.772	ug/l #	97

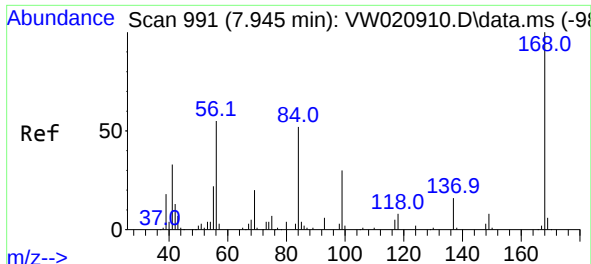
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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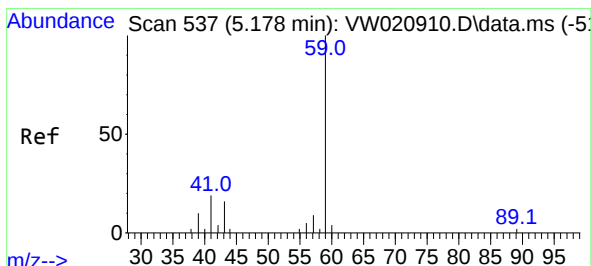
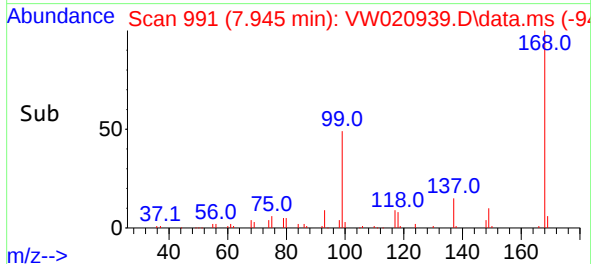
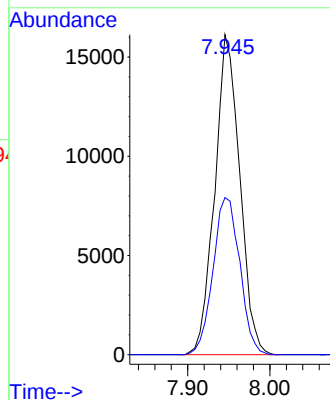
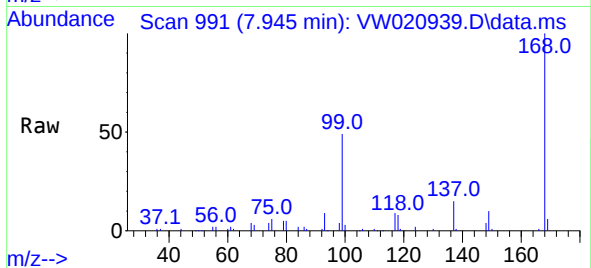




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. 0.000 min
Lab File: VW020939.D
Acq: 22 Nov 2021 16:12

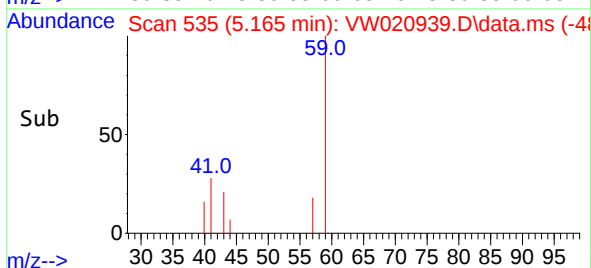
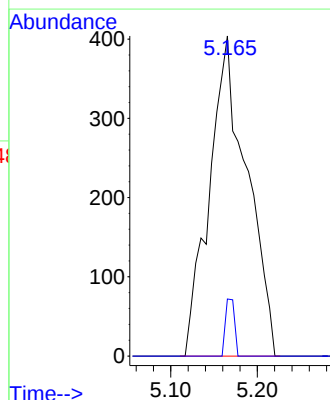
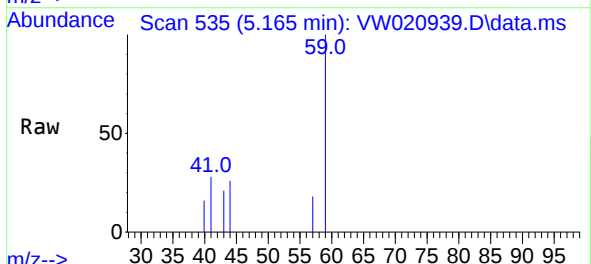
Instrument :
MSVOA_W
ClientSampleId :
TP17

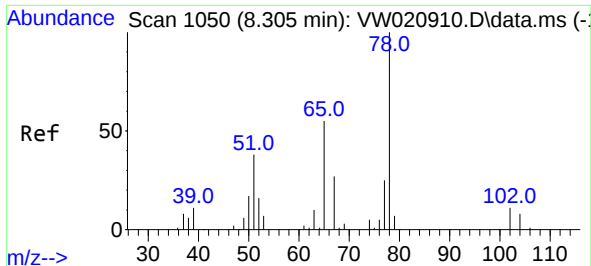
Tgt Ion:168 Resp: 34069
Ion Ratio Lower Upper
168 100
99 49.1 41.6 62.4



#11
Tert butyl alcohol
Concen: 43.772 ug/l
RT: 5.165 min Scan# 535
Delta R.T. -0.013 min
Lab File: VW020939.D
Acq: 22 Nov 2021 16:12

Tgt Ion: 59 Resp: 1217
Ion Ratio Lower Upper
59 100
57 4.3 4.3 6.5#





#33

1,2-Dichloroethane-d4

Concen: 46.866 ug/l

RT: 8.305 min Scan# 1050

Delta R.T. 0.000 min

Lab File: VW020939.D

Acq: 22 Nov 2021 16:12

Instrument :

MSVOA_W

ClientSampleId :

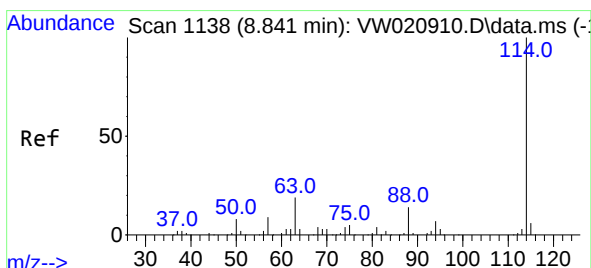
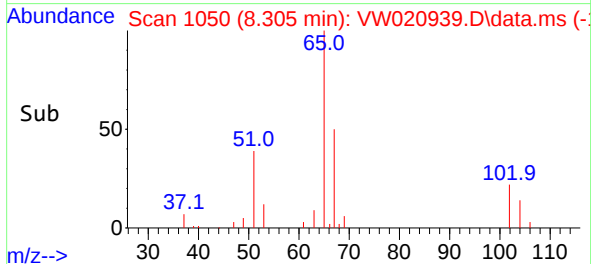
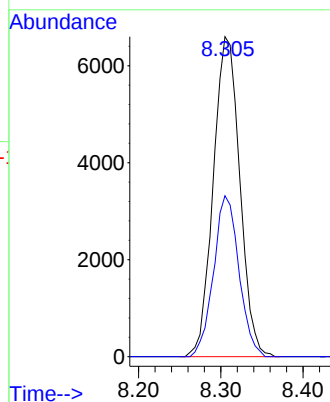
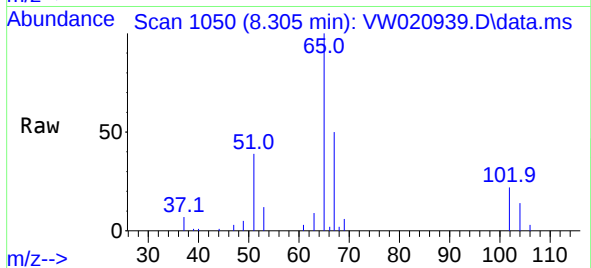
TP17

Tgt Ion: 65 Resp: 14790

Ion Ratio Lower Upper

65 100

67 48.1 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: VW020939.D

Acq: 22 Nov 2021 16:12

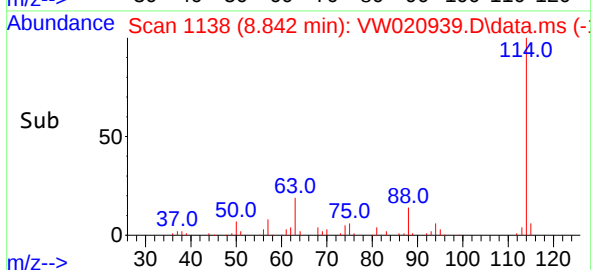
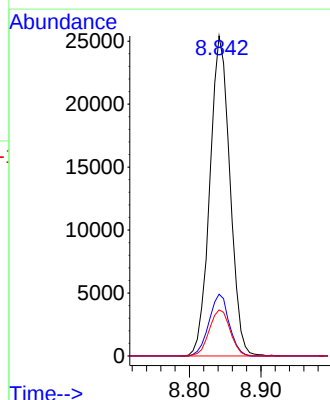
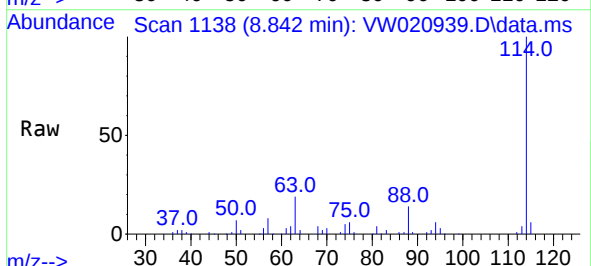
Tgt Ion: 114 Resp: 49539

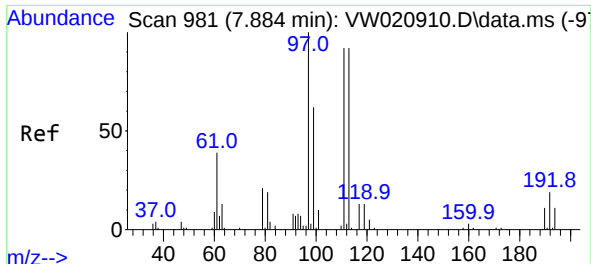
Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.2

88 14.4 0.0 28.8

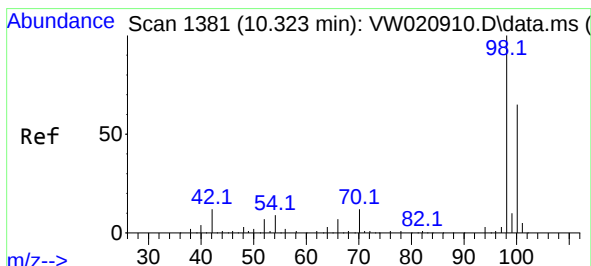
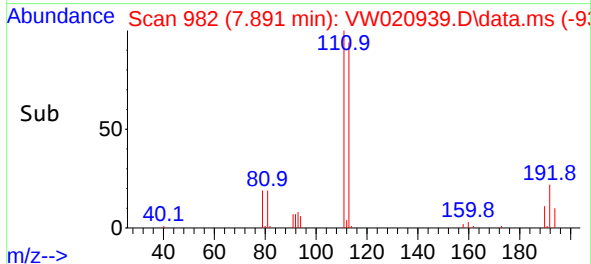
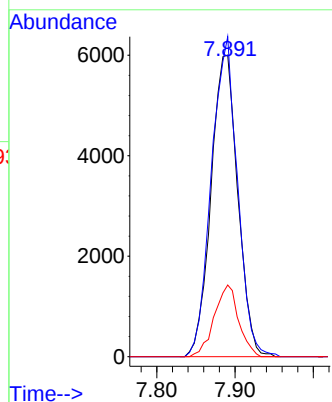
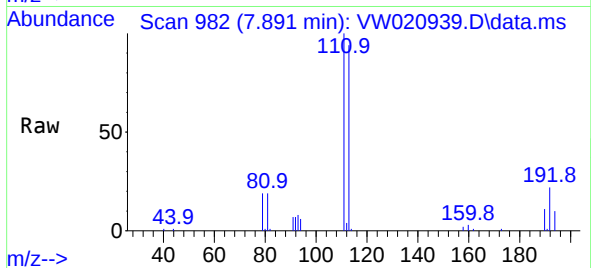




#35
Dibromofluoromethane
Concen: 45.930 ug/l
RT: 7.891 min Scan# 981
Delta R.T. 0.006 min
Lab File: VW020939.D
Acq: 22 Nov 2021 16:12

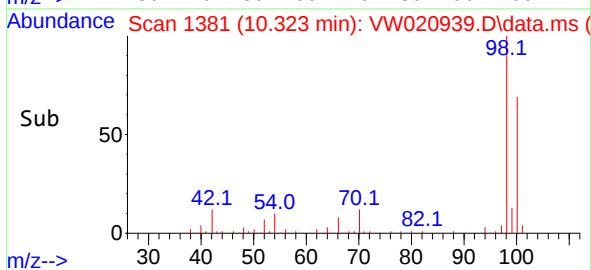
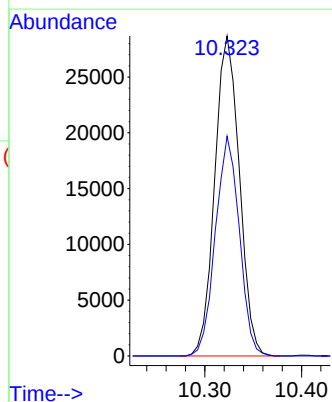
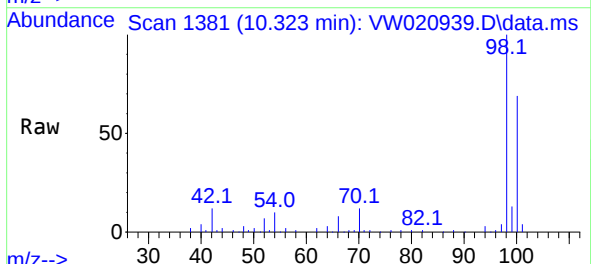
Instrument :
MSVOA_W
ClientSampleId :
TP17

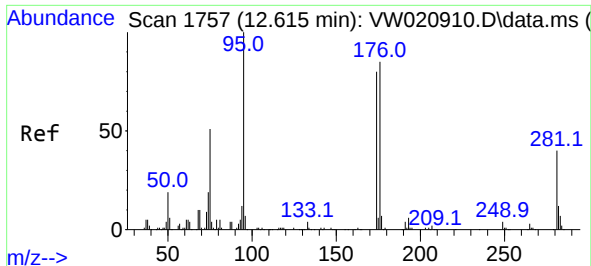
Tgt Ion:113 Resp: 14272
Ion Ratio Lower Upper
113 100
111 103.1 81.2 121.8
192 21.6 16.8 25.2



#50
Toluene-d8
Concen: 44.497 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW020939.D
Acq: 22 Nov 2021 16:12

Tgt Ion: 98 Resp: 50711
Ion Ratio Lower Upper
98 100
100 66.7 52.6 79.0

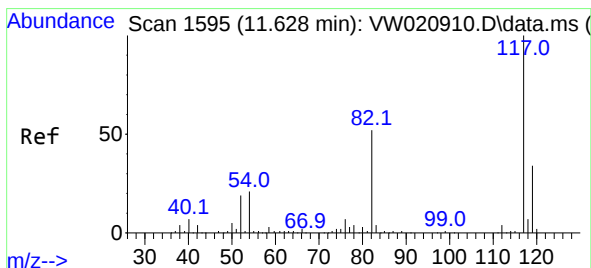
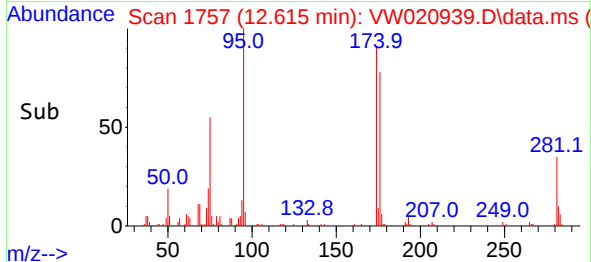
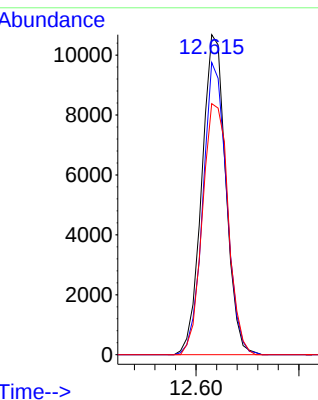
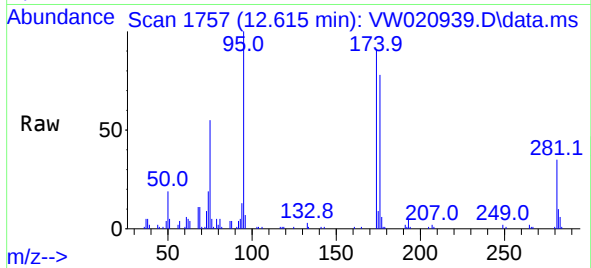




#62
4-Bromofluorobenzene
Concen: 40.593 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020939.D
Acq: 22 Nov 2021 16:12

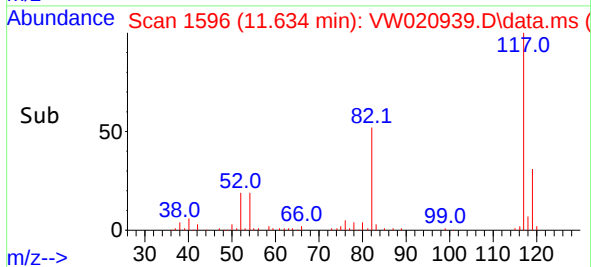
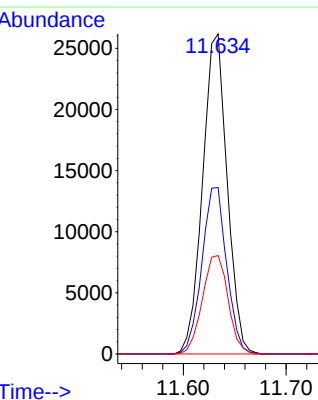
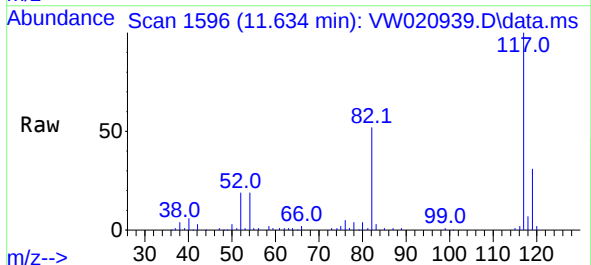
Instrument :
MSVOA_W
ClientSampleId :
TP17

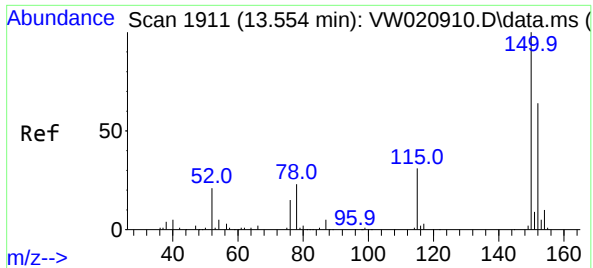
Tgt Ion:	95	Resp:	17253
Ion	Ratio	Lower	Upper
95	100		
174	89.6	0.0	171.2
176	84.4	0.0	175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VW020939.D
Acq: 22 Nov 2021 16:12

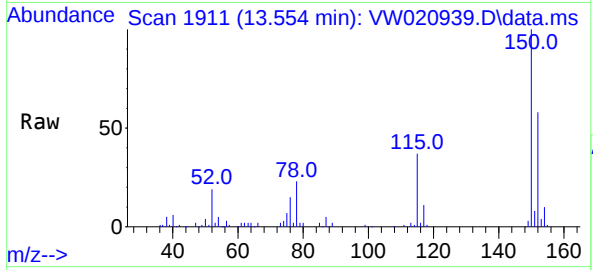
Tgt Ion:	117	Resp:	43361
Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.4	62.2
119	30.7	27.2	40.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VW020939.D
Acq: 22 Nov 2021 16:12

Instrument :
MSVOA_W
ClientSampleId :
TP17



Tgt Ion:152 Resp: 20141

Ion	Ratio	Lower	Upper
152	100		
115	57.5	27.8	83.3
150	165.3	0.0	348.4

