

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021319\
 Data File : VW008657.D
 Acq On : 14 Feb 2019 00:39
 Operator : SY/VA
 Sample : K1462-23
 Misc : 6.23G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3-D

Quant Time: Feb 14 06:10:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

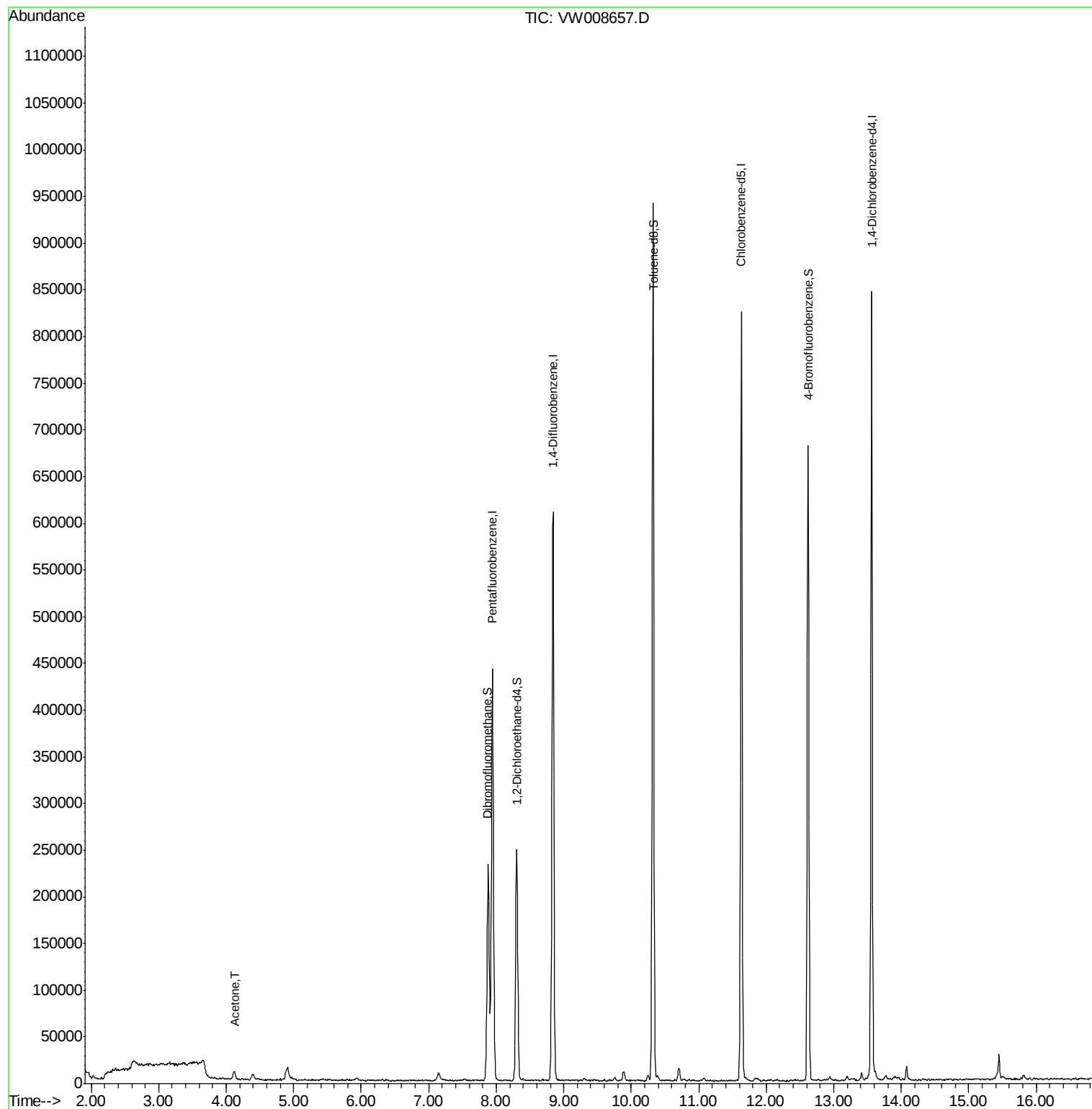
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	341287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	515984	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	449062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	215270	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	184642	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
35) Dibromofluoromethane	7.88	113	160428	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
50) Toluene-d8	10.32	98	602714	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	12.62	95	206170	44.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.64%	
Target Compounds						
16) Acetone	4.12	43	16189	20.051	ug/l	Qvalue 100

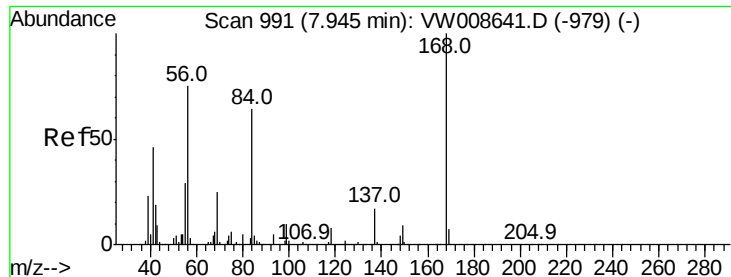
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021319\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008657.D

Acq: 14 Feb 2019 00:39

Instrument :

MSVOA_W

ClientSampleId :

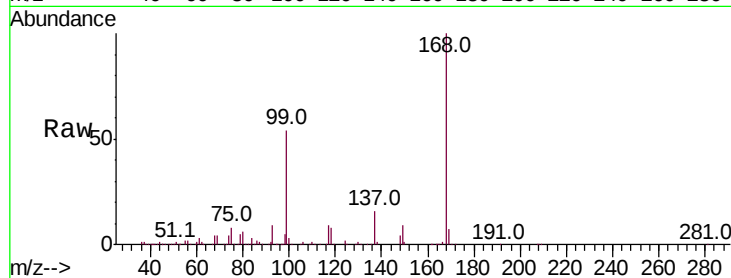
TP-3-D

Tot Ion:168 Resp: 341287

Ion Ratio Lower Upper

168 100

99 53.9 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

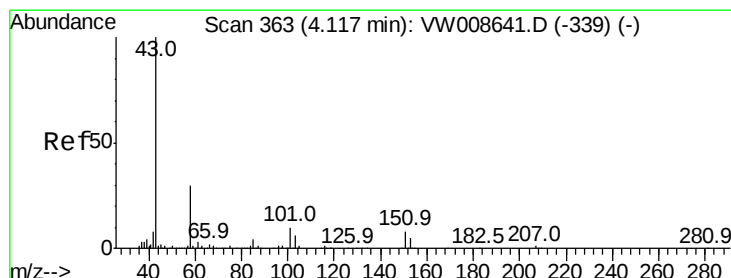
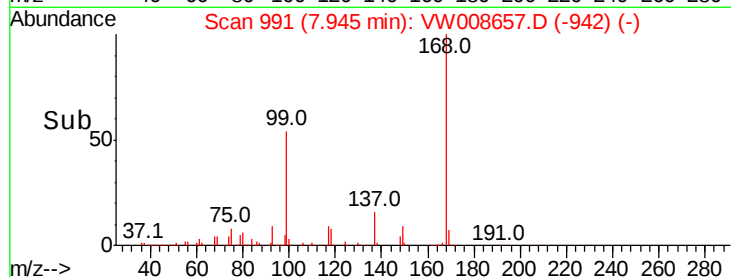
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 20.051 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008657.D

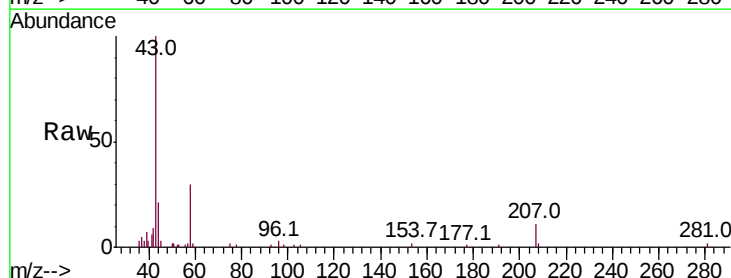
Acq: 14 Feb 2019 00:39

Tgt Ion: 43 Resp: 16189

Ion Ratio Lower Upper

43 100

58 30.3 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

6000

5000

4000

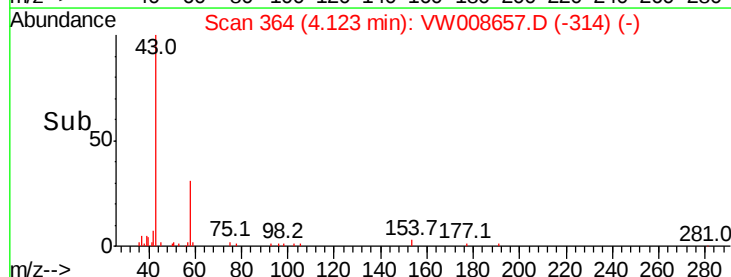
3000

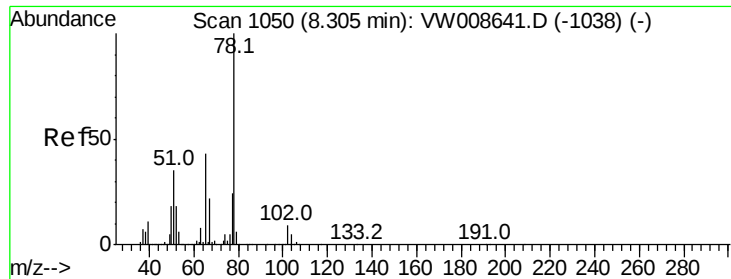
2000

1000

0

Time--> 4.00 4.05 4.10 4.15 4.20





#33

1,2-Dichloroethane-d4

Concen: 52.039 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008657.D

Acq: 14 Feb 2019 00:39

Instrument :

MSVOA_W

ClientSampleId :

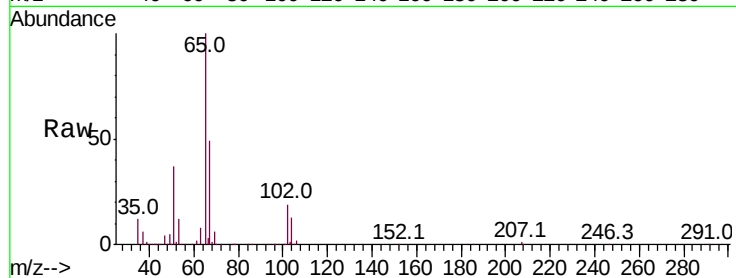
TP-3-D

Tot Ion: 65 Resp: 184642

Ion Ratio Lower Upper

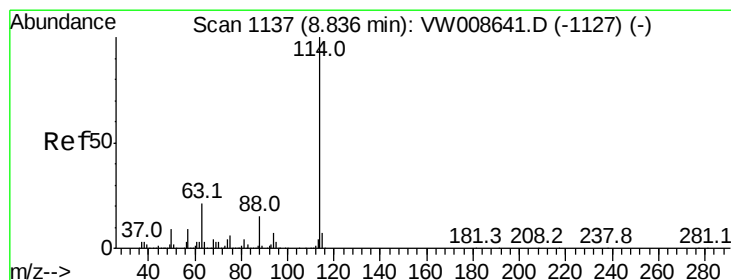
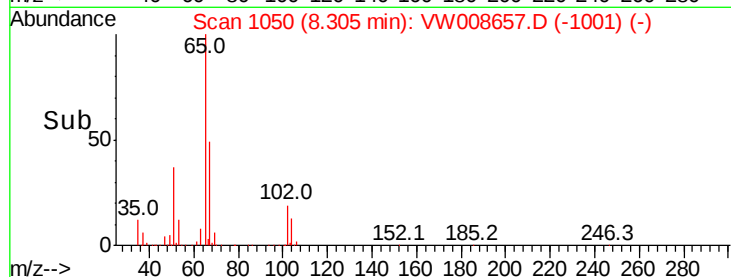
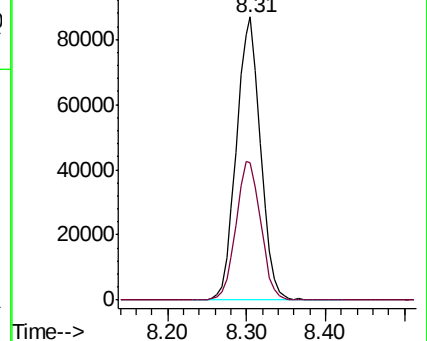
65 100

67 50.5 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VW008657.D

Acq: 14 Feb 2019 00:39

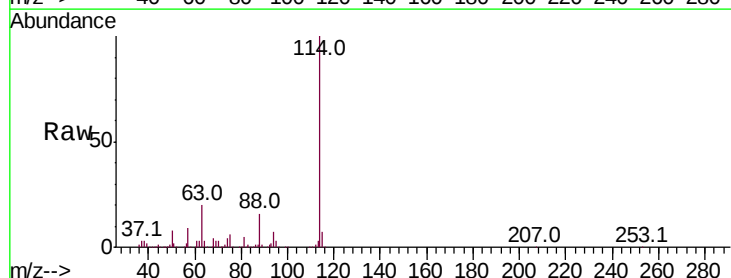
Tgt Ion: 114 Resp: 515984

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.2

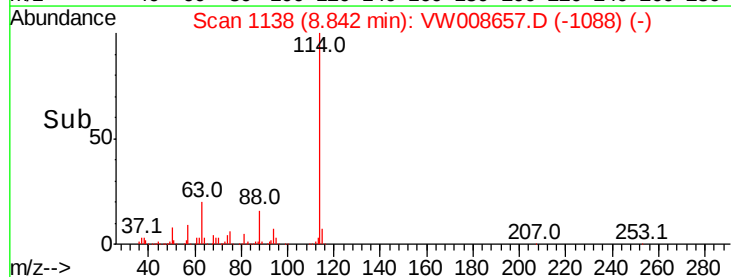
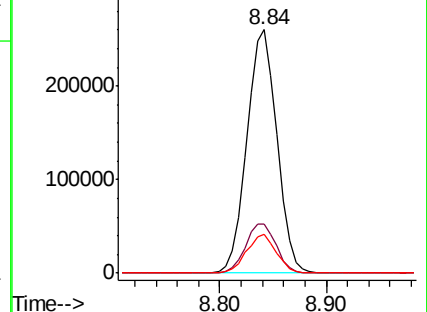
88 16.1 0.0 29.6

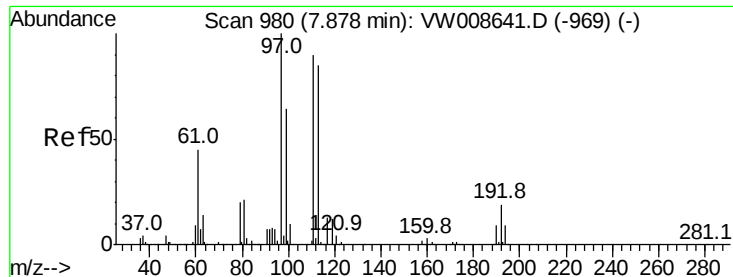


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

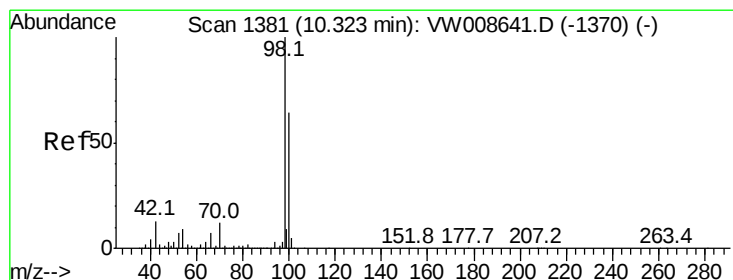
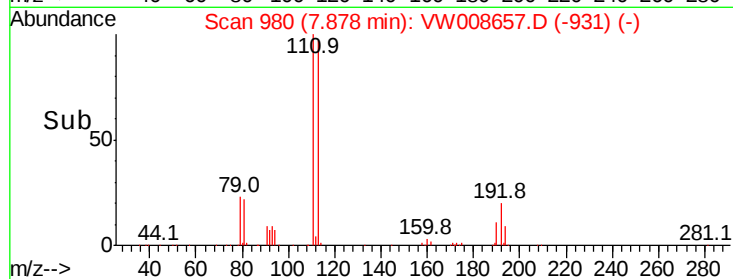
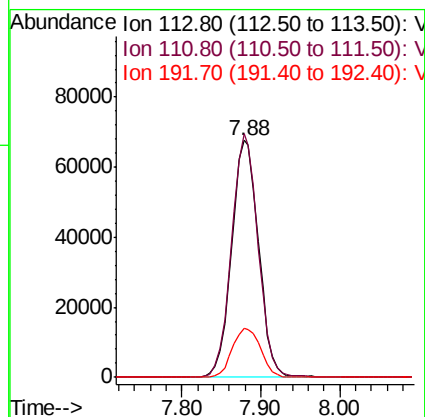
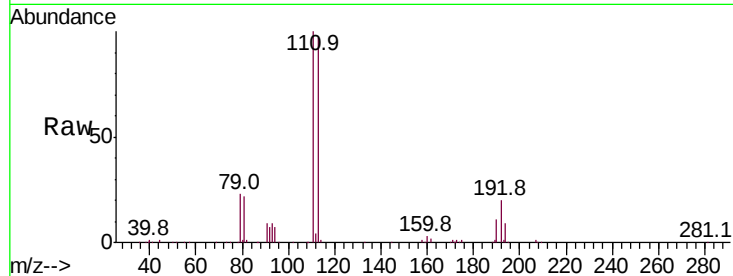




#35
 Dibromofluoromethane
 Concen: 50.072 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW008657.D
 Acq: 14 Feb 2019 00:39

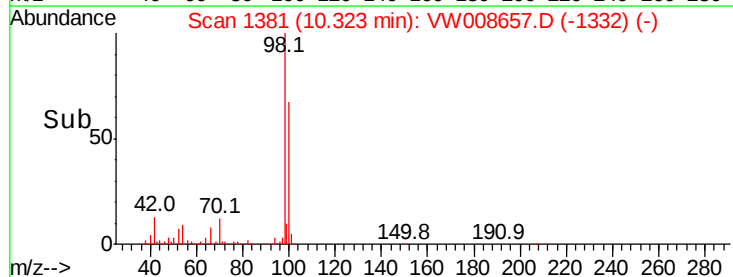
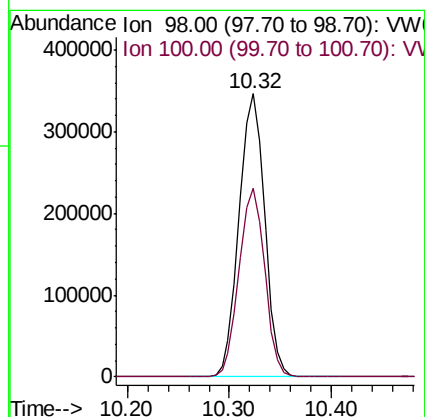
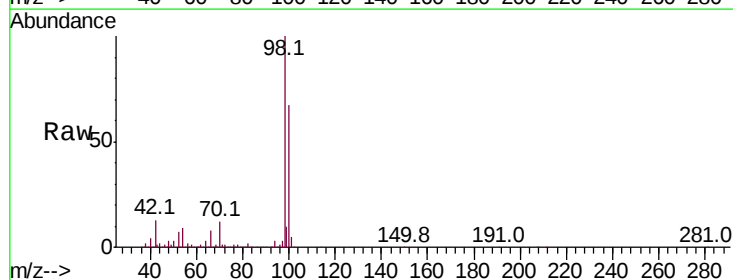
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3-D

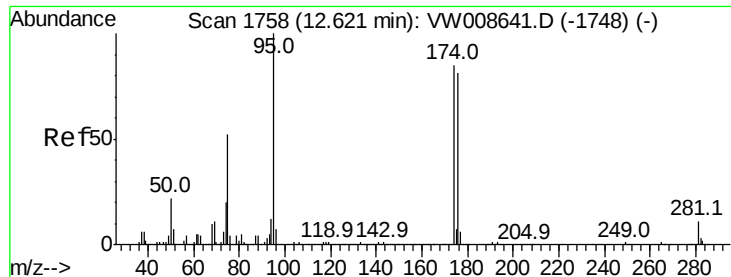
Tot Ion:113 Resp: 160428
 Ion Ratio Lower Upper
 113 100
 111 101.2 84.0 126.0
 192 21.7 17.4 26.2



#50
 Toluene-d8
 Concen: 48.800 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW008657.D
 Acq: 14 Feb 2019 00:39

Tgt Ion: 98 Resp: 602714
 Ion Ratio Lower Upper
 98 100
 100 66.7 52.2 78.4

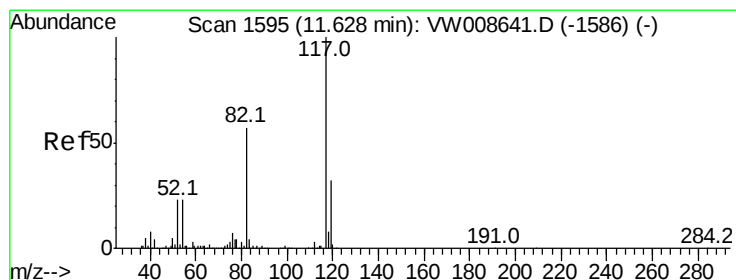
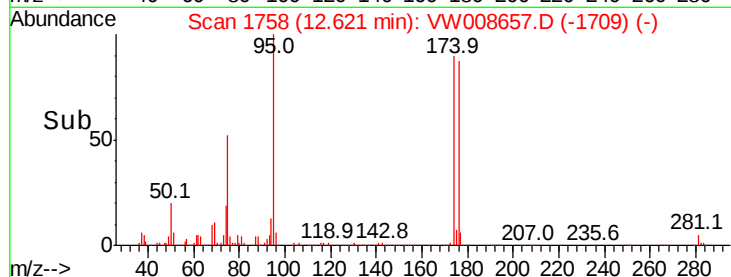
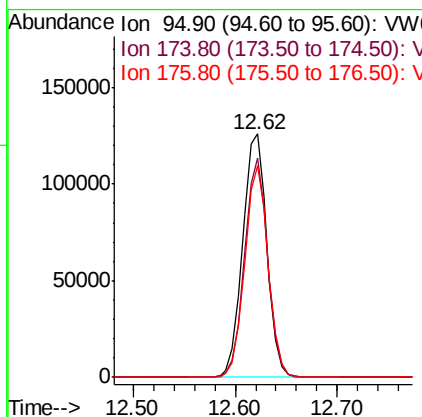
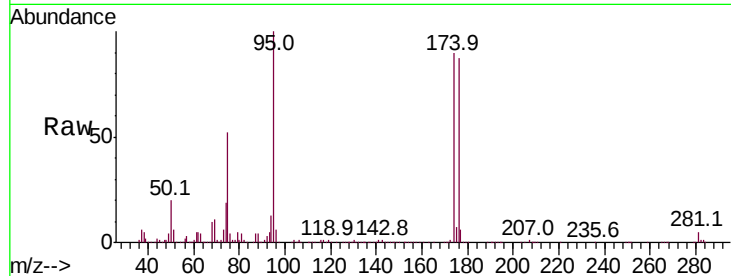




#62
4-Bromofluorobenzene
Concen: 44.317 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008657.D
Acq: 14 Feb 2019 00:39

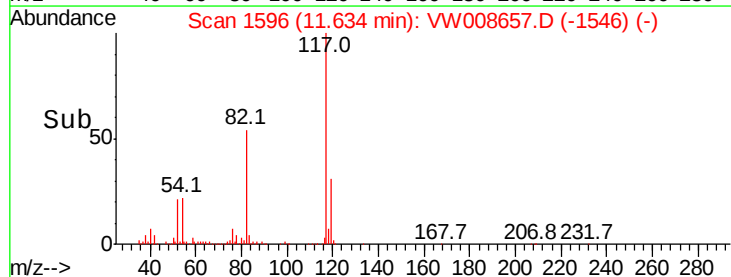
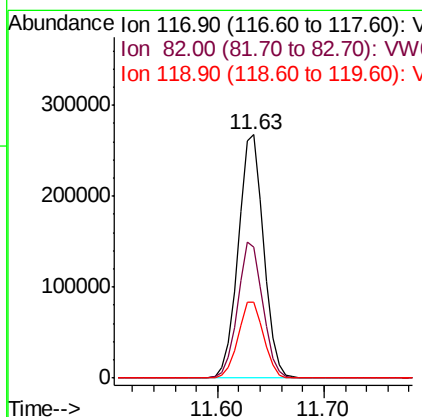
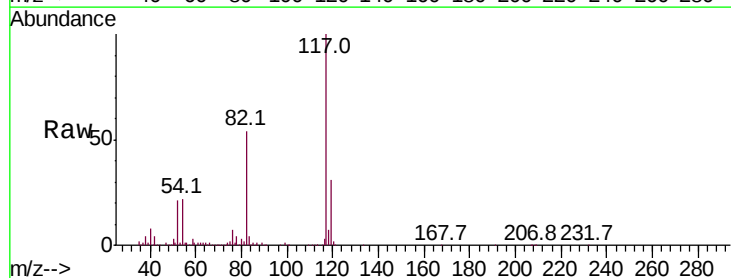
Instrument :
MSVOA_W
ClientSampleId :
TP-3-D

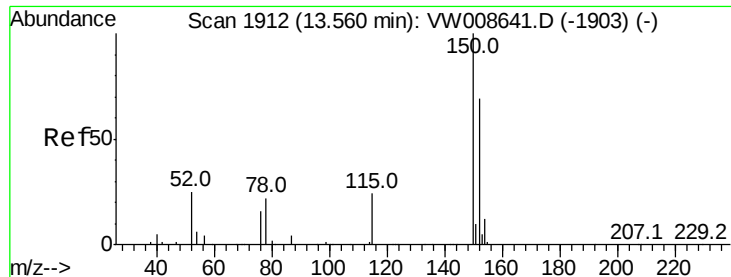
Tot Ion	95	Resp	206170
Ion Ratio	Lower	Upper	
95	100		
174	86.6	0.0	163.2
176	84.1	0.0	158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW008657.D
Acq: 14 Feb 2019 00:39

Tgt Ion	117	Resp	449062
Ion Ratio	Lower	Upper	
117	100		
82	53.7	45.6	68.4
119	31.3	25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008657.D

Acq: 14 Feb 2019 00:39

Instrument :

MSVOA_W

ClientSampleId :

TP-3-D

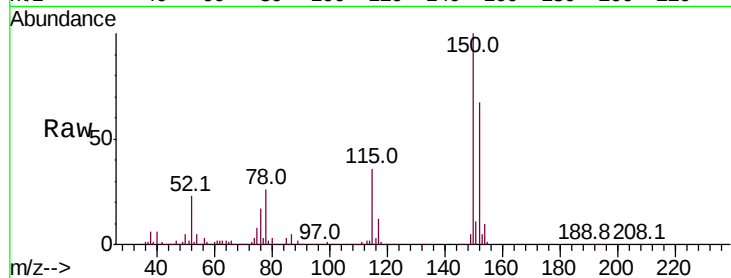
Tot Ion:152 Resp: 215270

Ion Ratio Lower Upper

152 100

115 56.0 29.3 87.8

150 153.7 0.0 352.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

