

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011354.D
 Acq On : 19 Jul 2019 01:37
 Operator : SY/VA
 Sample : K3835-03
 Misc : 4.14G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2(0-2)

Quant Time: Jul 19 08:15:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

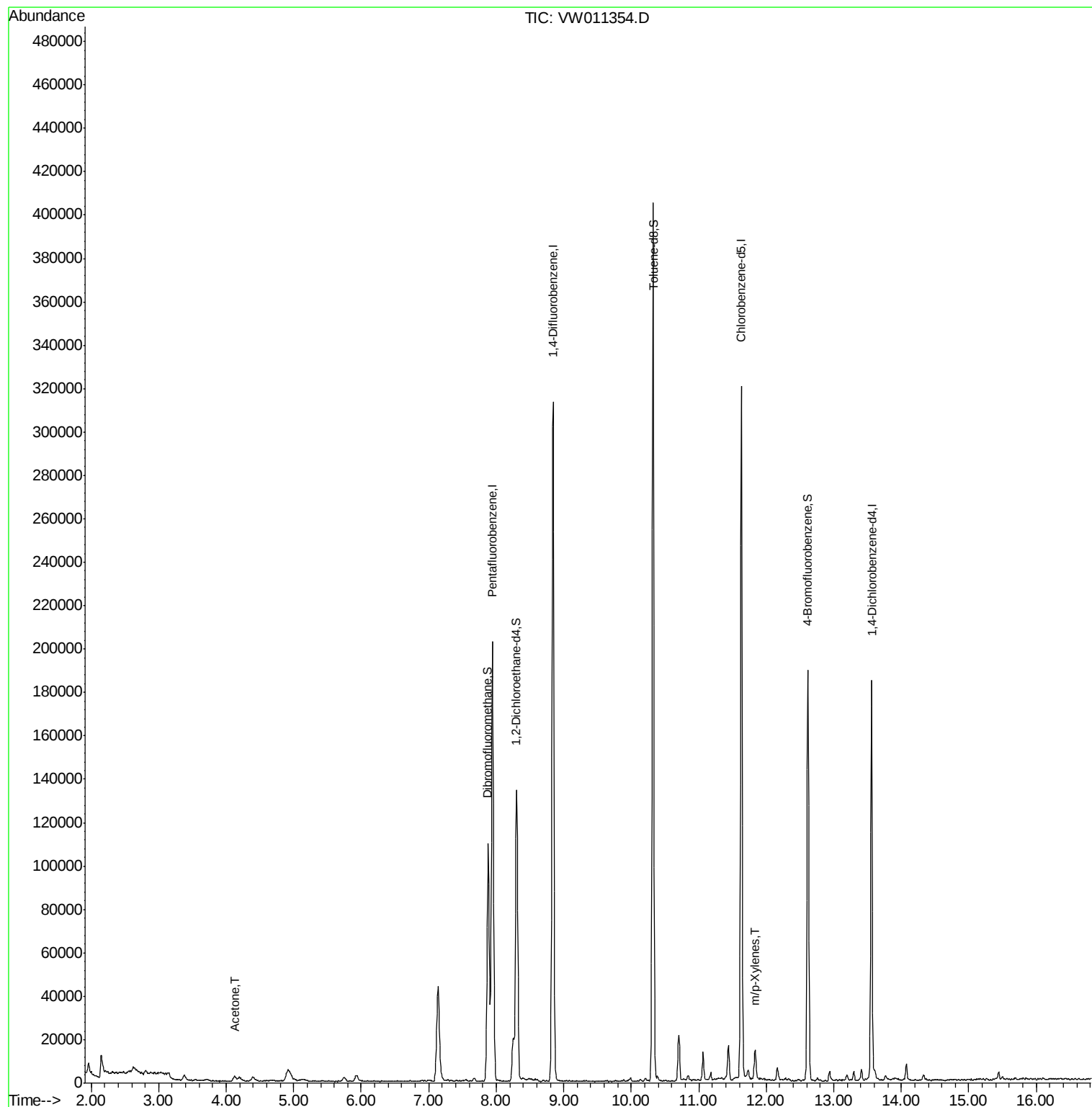
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	147756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	243561	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	164813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	44726	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	108451	58.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.82%	
35) Dibromofluoromethane	7.88	113	78800	54.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.56%	
50) Toluene-d8	10.32	98	253135	43.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.28%	
62) 4-Bromofluorobenzene	12.62	95	58334	27.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.24%	
Target Compounds						
16) Acetone	4.12	43	4570	10.230	ug/l	93
68) m/p-Xylenes	11.84	106	3761	1.620	ug/l	99

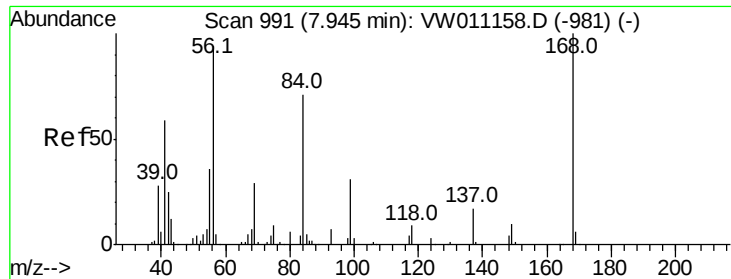
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011354.D

Acq: 19 Jul 2019 01:37

Instrument :

MSVOA_W

ClientSampleId :

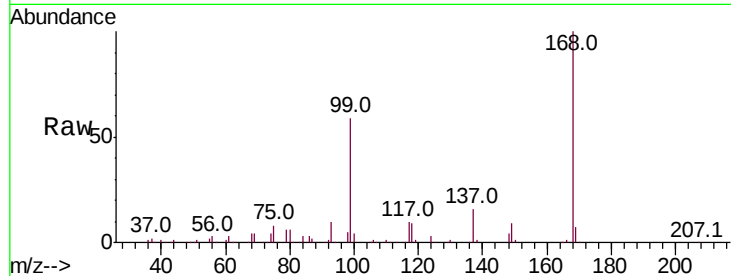
SB-2(0-2)

Tot Ion:168 Resp: 147756

Ion Ratio Lower Upper

168 100

99 59.1 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

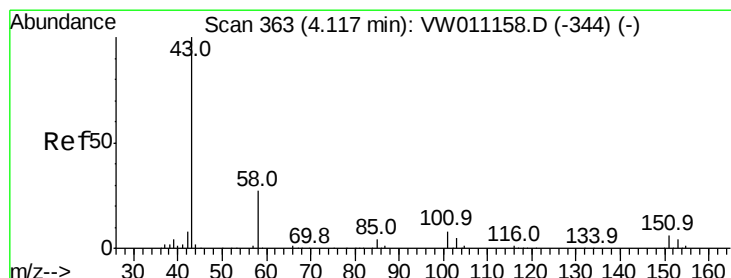
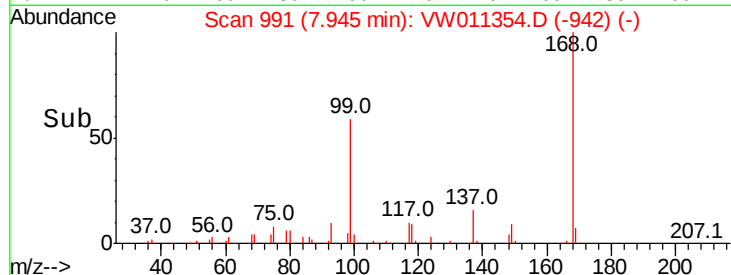
40000

20000

0

7.80 7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 10.230 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011354.D

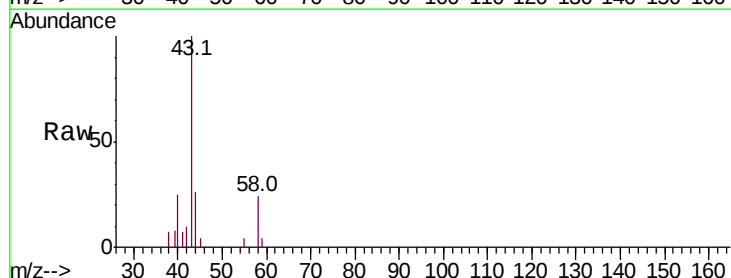
Acq: 19 Jul 2019 01:37

Tgt Ion: 43 Resp: 4570

Ion Ratio Lower Upper

43 100

58 23.7 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

1500

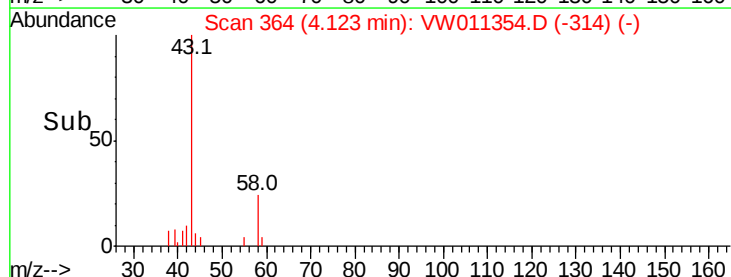
1000

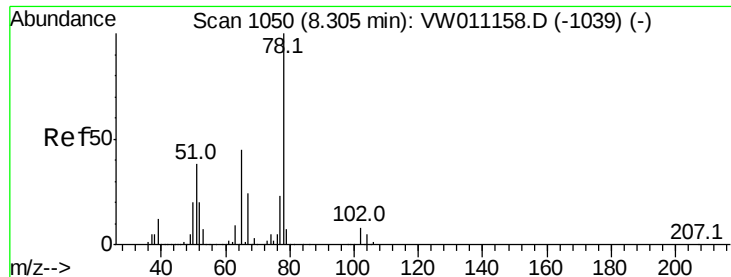
500

0

4.00 4.05 4.10 4.15 4.20

Time-->





#33

1,2-Dichloroethane-d4

Concen: 58.414 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011354.D

Acq: 19 Jul 2019 01:37

Instrument :

MSVOA_W

ClientSampled :

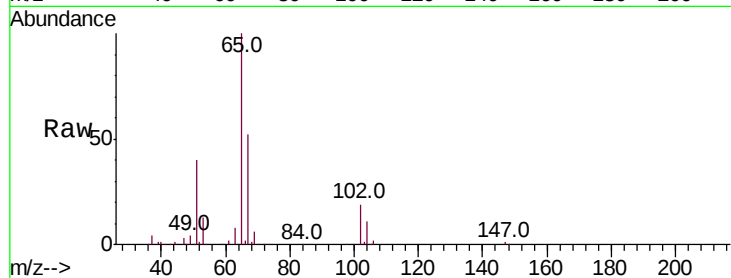
SB-2(0-2)

Tot Ion: 65 Resp: 108451

Ion Ratio Lower Upper

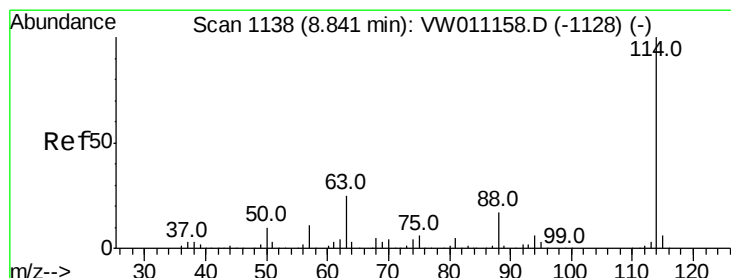
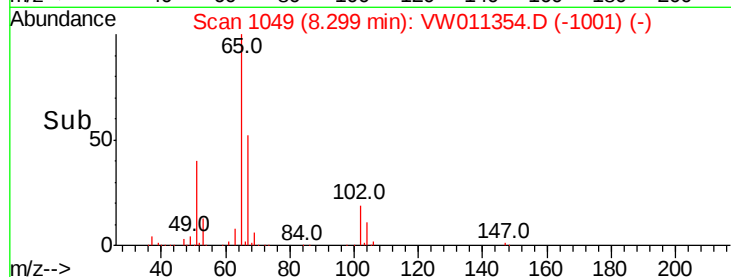
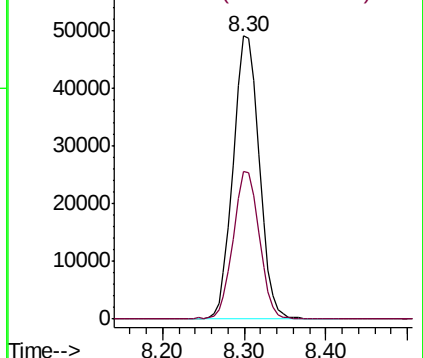
65 100

67 52.2 0.0 104.4



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. 0.00 min

Lab File: VW011354.D

Acq: 19 Jul 2019 01:37

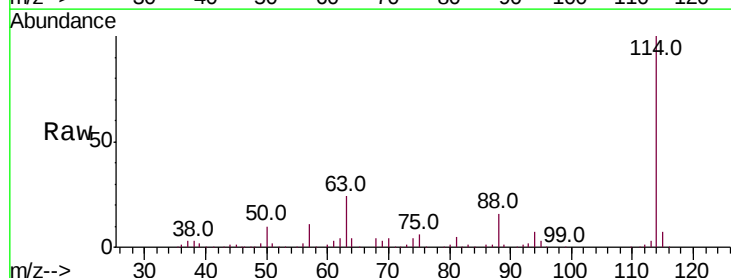
Tgt Ion: 114 Resp: 243561

Ion Ratio Lower Upper

114 100

63 24.2 0.0 50.8

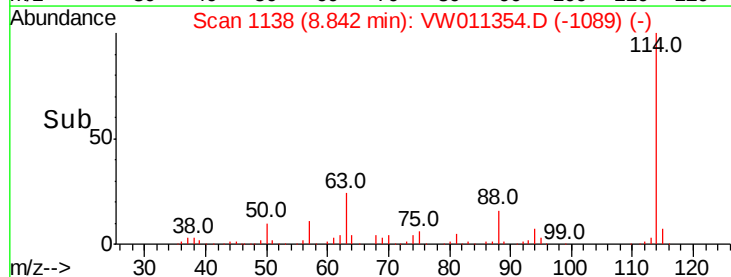
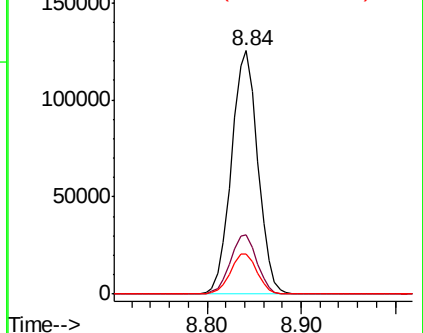
88 16.4 0.0 34.2

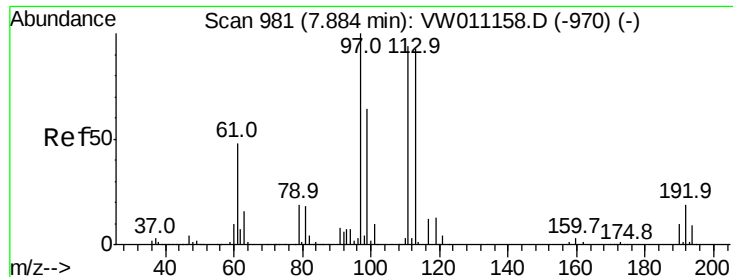


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

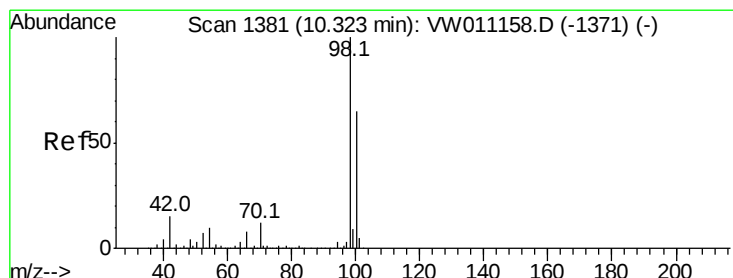
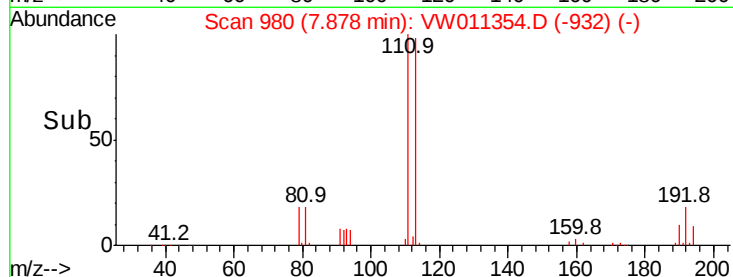
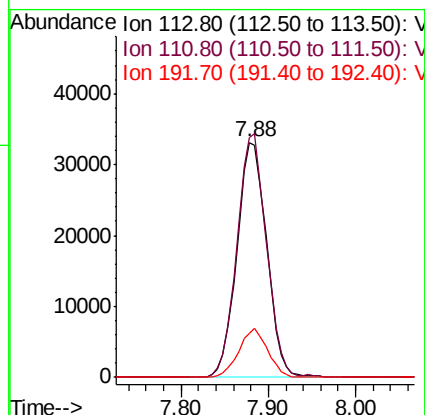
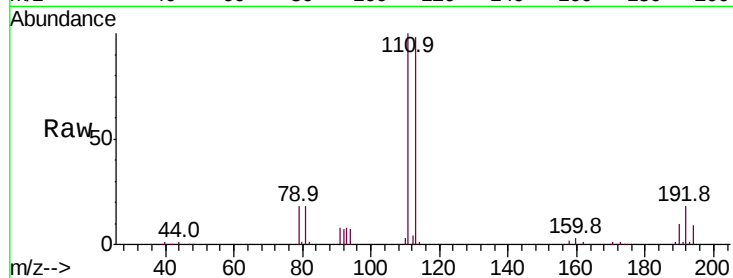




#35
 Dibromofluoromethane
 Concen: 54.280 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011354.D
 Acq: 19 Jul 2019 01:37

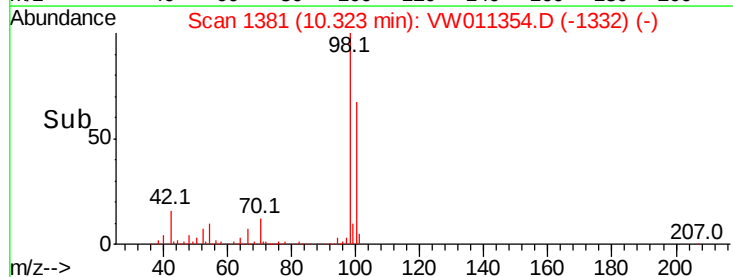
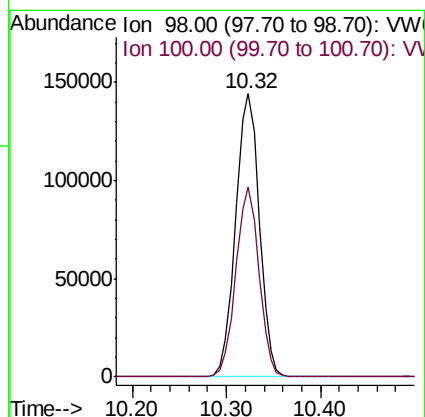
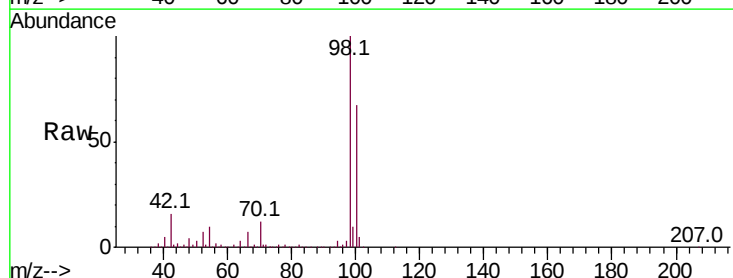
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2(0-2)

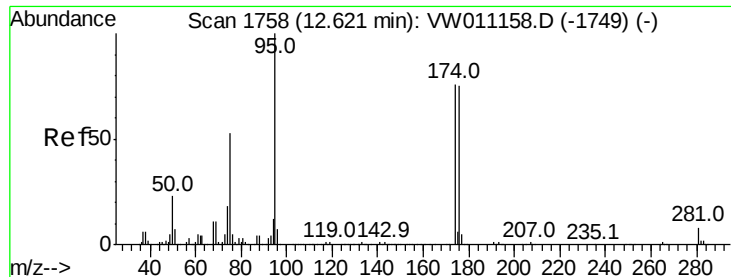
Tot Ion:113 Resp: 78800
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.4 123.6
 192 20.1 15.8 23.8



#50
 Toluene-d8
 Concen: 43.137 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW011354.D
 Acq: 19 Jul 2019 01:37

Tgt Ion: 98 Resp: 253135
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.4 78.6

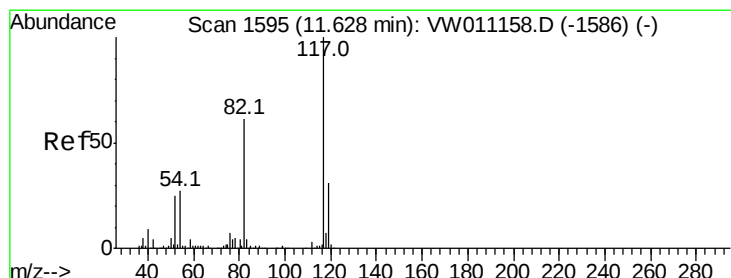
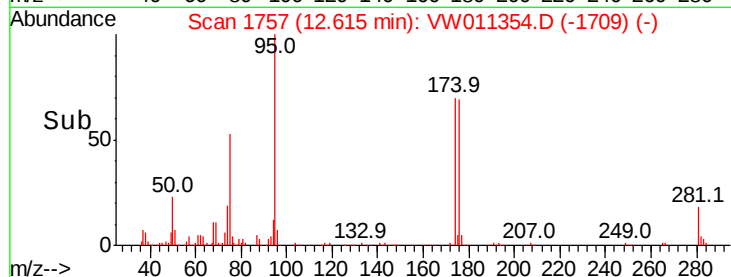
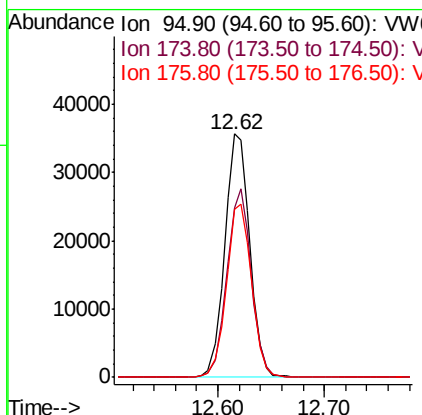
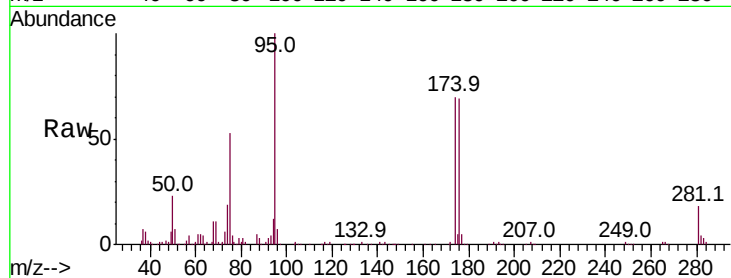




#62
4-Bromofluorobenzene
Concen: 27.121 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW011354.D
Acq: 19 Jul 2019 01:37

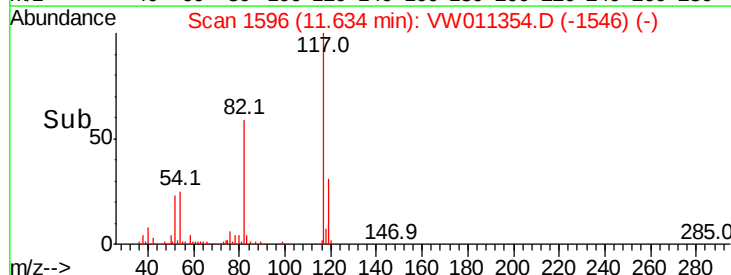
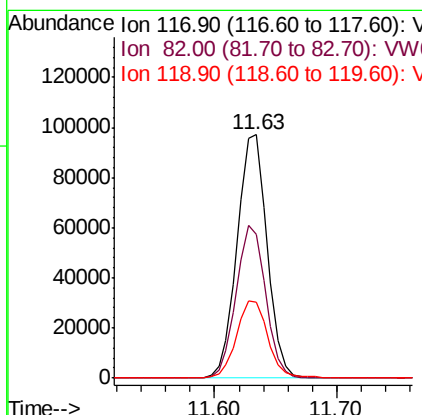
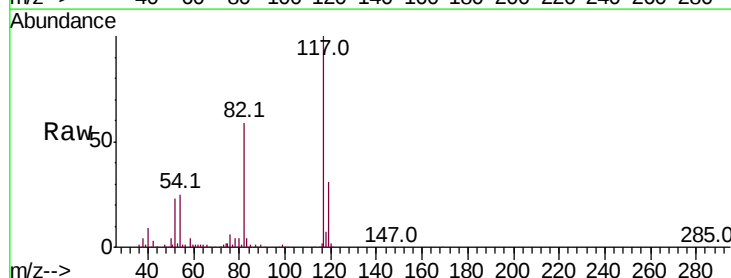
Instrument :
MSVOA_W
ClientSampleId :
SB-2(0-2)

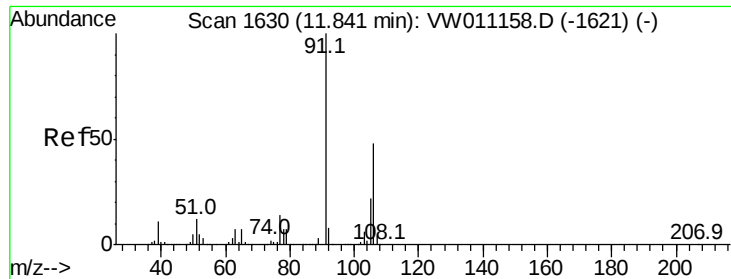
Tot Ion: 95 Resp: 58334
Ion Ratio Lower Upper
95 100
174 75.6 0.0 147.6
176 71.8 0.0 144.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011354.D
Acq: 19 Jul 2019 01:37

Tgt Ion: 117 Resp: 164813
Ion Ratio Lower Upper
117 100
82 58.9 48.9 73.3
119 31.0 25.0 37.6

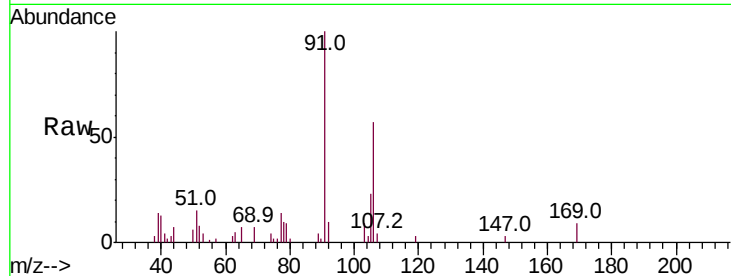




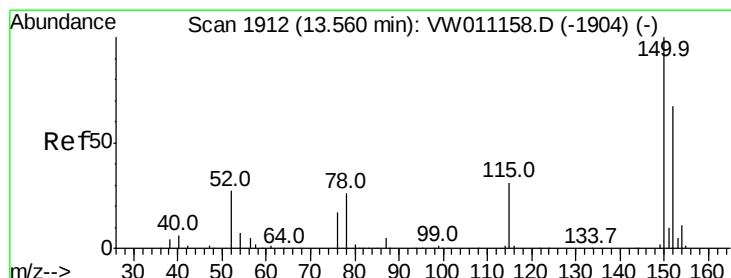
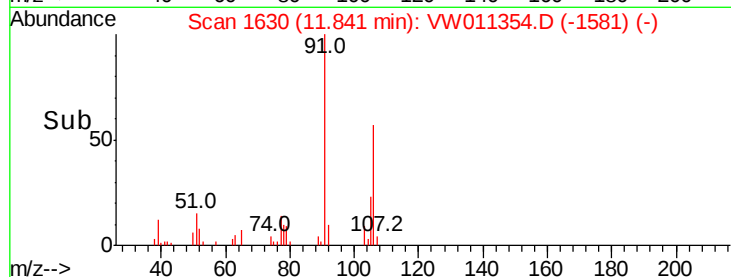
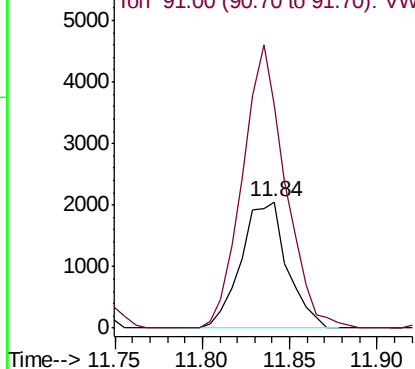
#68
m/p-Xvlenes
Concen: 1.620 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW011354.D
Acq: 19 Jul 2019 01:37

Instrument :
MSVOA_W
ClientSampled :
SB-2(0-2)

Tot Ion:106 Resp: 3761
Ion Ratio Lower Upper
106 100
91 208.4 167.7 251.5

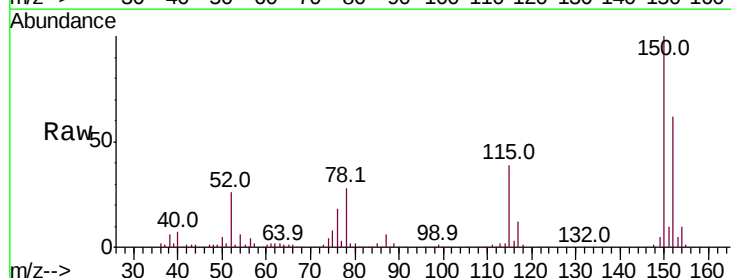


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011354.D
Acq: 19 Jul 2019 01:37

Tgt Ion:152 Resp: 44726
Ion Ratio Lower Upper
152 100
115 60.7 30.1 90.3
150 157.8 0.0 346.0



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

