

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
 Data File : VW012055.D
 Acq On : 21 Aug 2019 02:33
 Operator : SY/VA
 Sample : K4421-08
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUNSET-PARK-SB-4-7.5-8.0

Quant Time: Aug 21 03:23:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

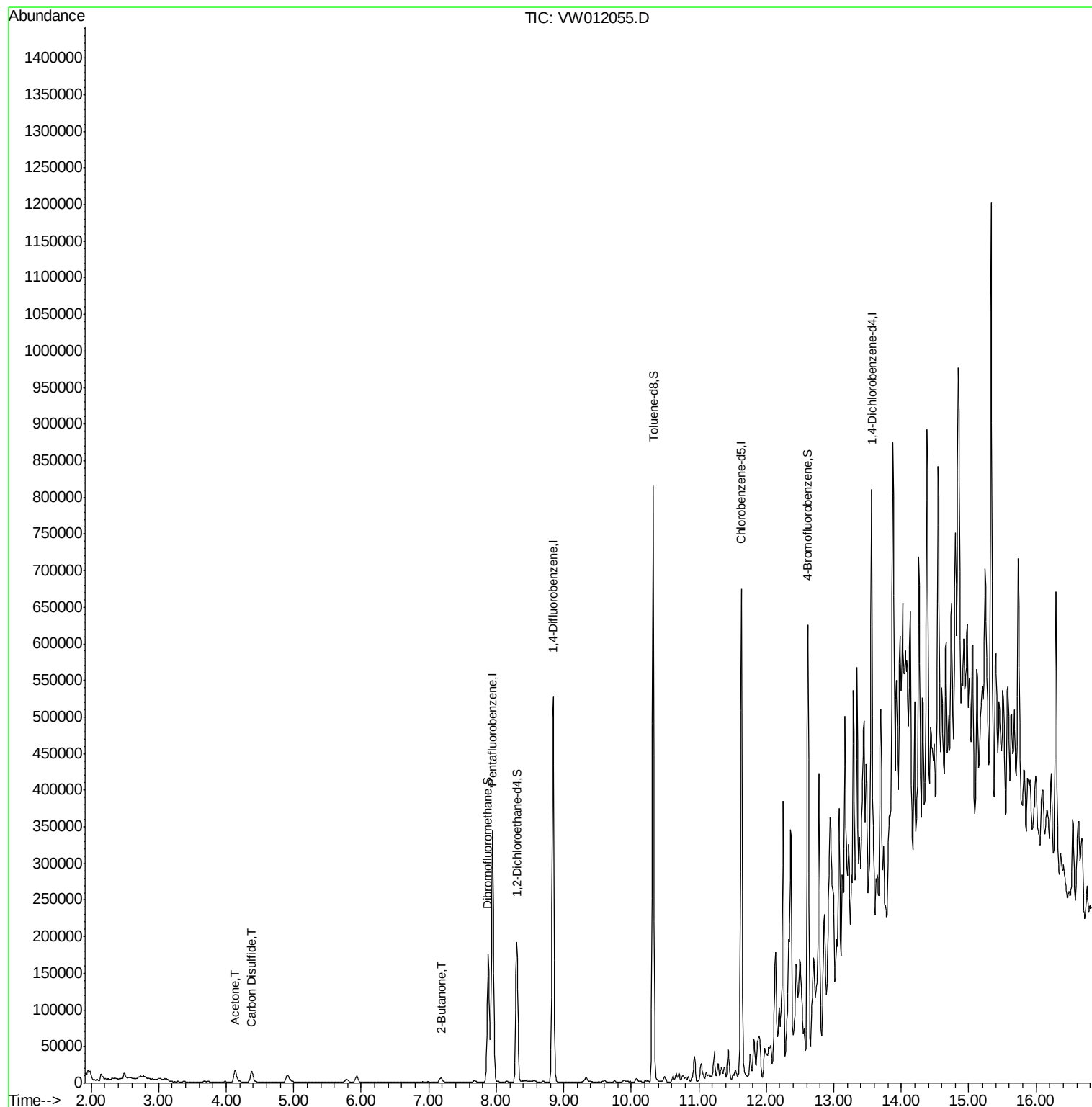
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	252244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	416565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	351242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	147858	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	154872	53.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.94%	
35) Dibromofluoromethane	7.88	113	125429	53.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.34%	
50) Toluene-d8	10.32	98	509325	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.46%	
62) 4-Bromofluorobenzene	12.62	95	173615	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
Target Compounds						
16) Acetone	4.14	43	33728	36.607	ug/l	98
17) Carbon Disulfide	4.38	76	32150	3.910	ug/l	99
25) 2-Butanone	7.18	43	11341	9.407	ug/l	96

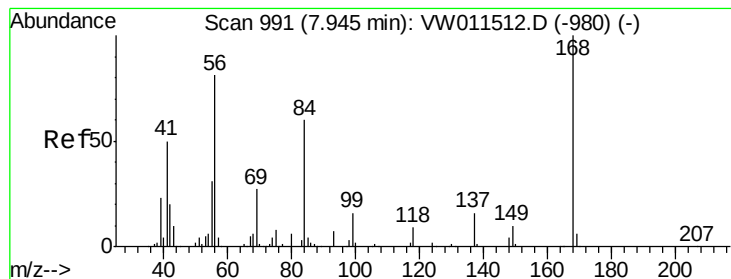
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082019\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012055.D

Acq: 21 Aug 2019 02:33

Instrument :

MSVOA_W

ClientSampleId :

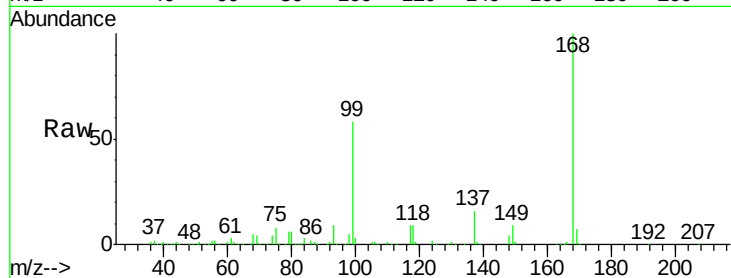
SUNSET-PARK-SB-4-7.5-8.0

Tot Ion:168 Resp: 252244

Ion Ratio Lower Upper

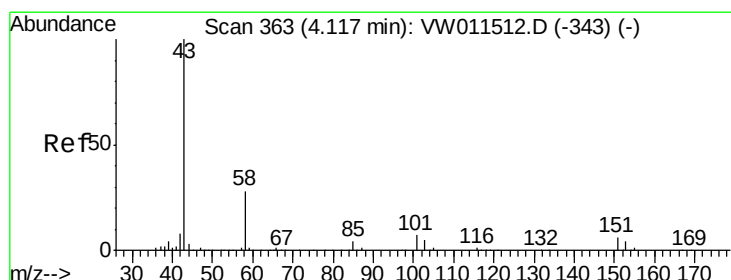
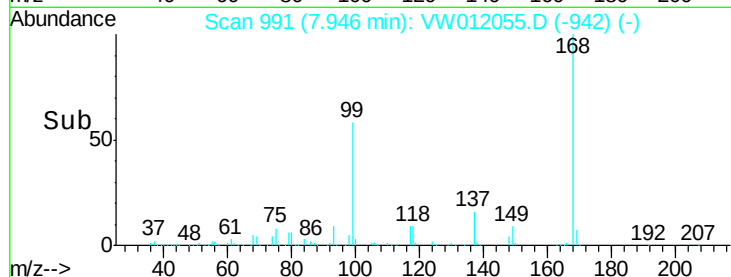
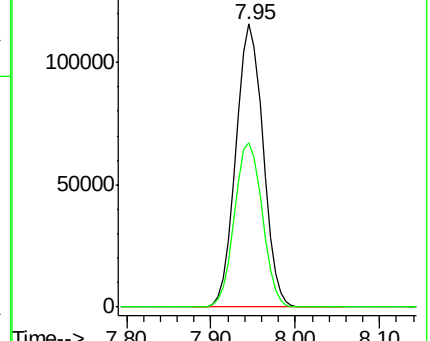
168 100

99 58.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 36.607 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012055.D

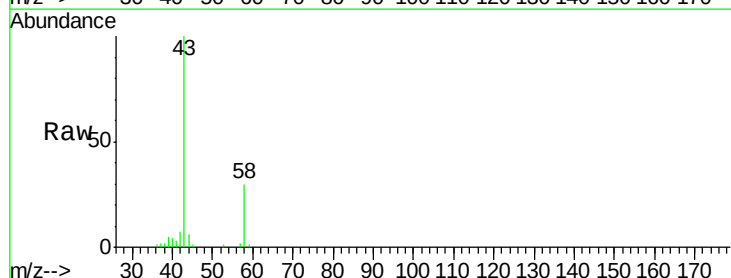
Acq: 21 Aug 2019 02:33

Tgt Ion: 43 Resp: 33728

Ion Ratio Lower Upper

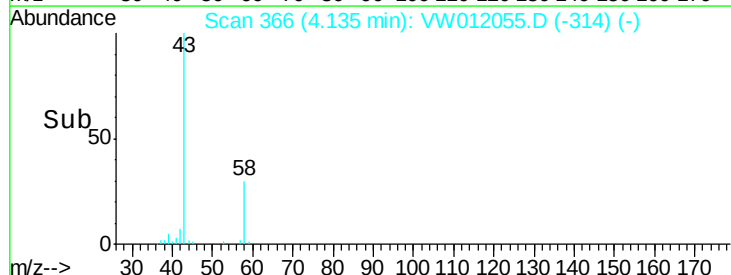
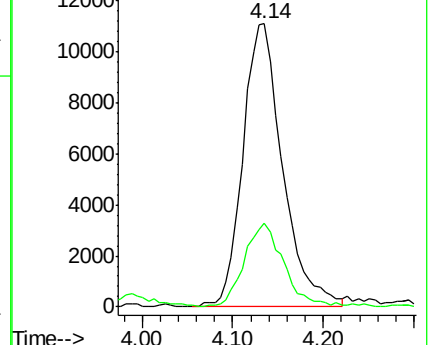
43 100

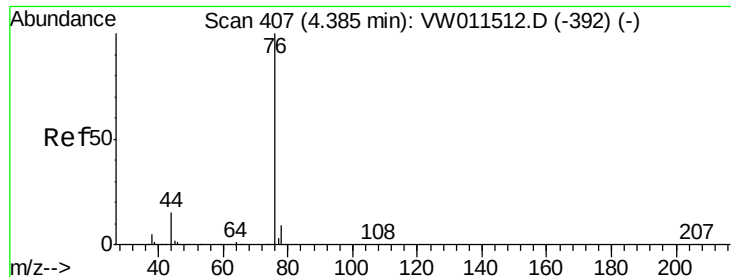
58 29.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 3.910 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW012055.D

Acq: 21 Aug 2019 02:33

Instrument :

MSVOA_W

ClientSampleId :

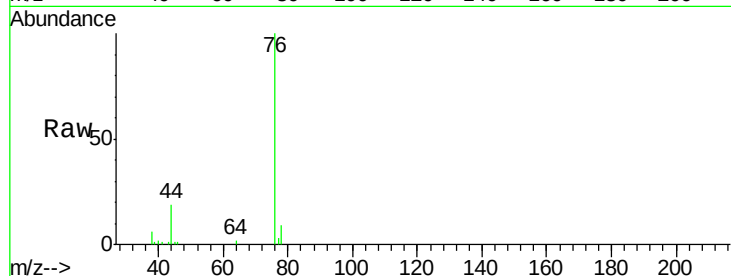
SUNSET-PARK-SB-4-7.5-8.0

Tot Ion: 76 Resp: 32150

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

12000

10000

8000

6000

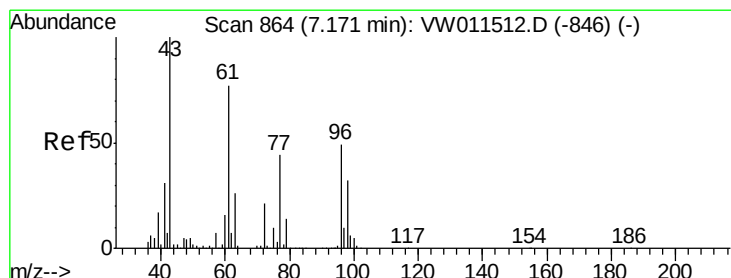
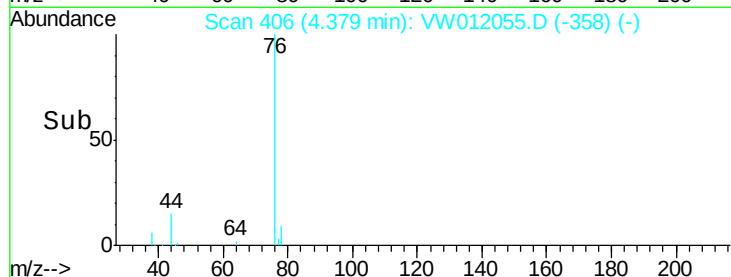
4000

2000

0

Time-->

4.30 4.40 4.50



#25

2-Butanone

Concen: 9.407 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW012055.D

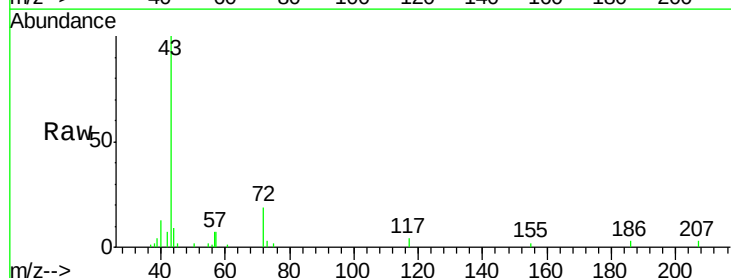
Acq: 21 Aug 2019 02:33

Tgt Ion: 43 Resp: 11341

Ion Ratio Lower Upper

43 100

72 19.0 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.18

4000

3000

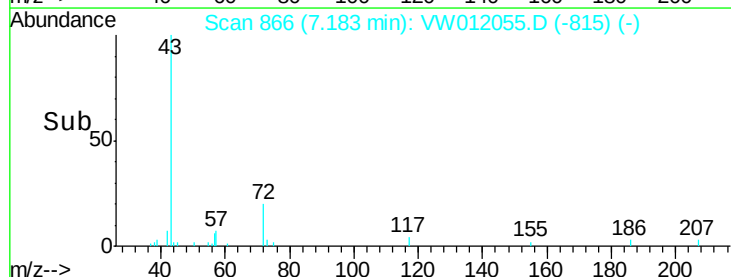
2000

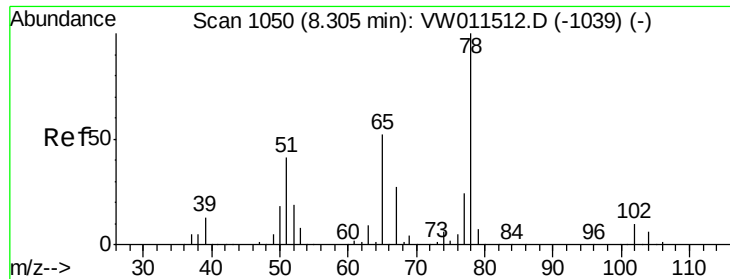
1000

0

Time-->

7.10 7.20 7.30

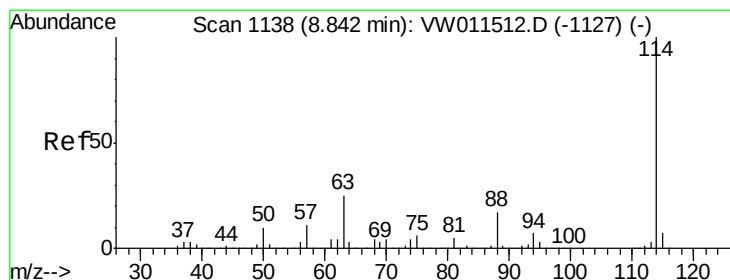
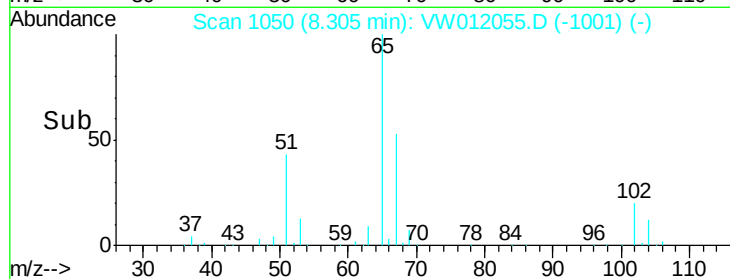
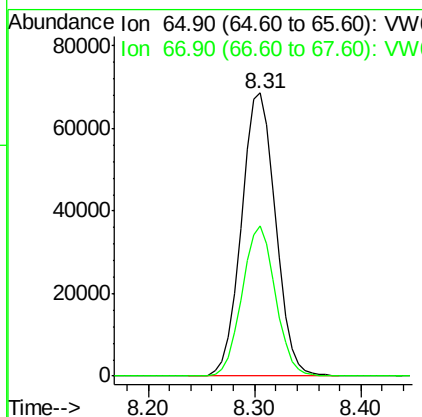
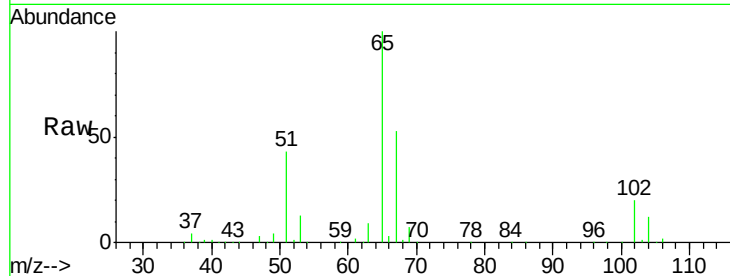




#33
 1,2-Dichloroethane-d4
 Concen: 53.469 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012055.D
 Acq: 21 Aug 2019 02:33

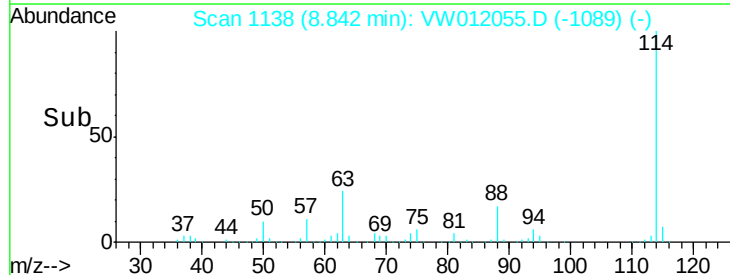
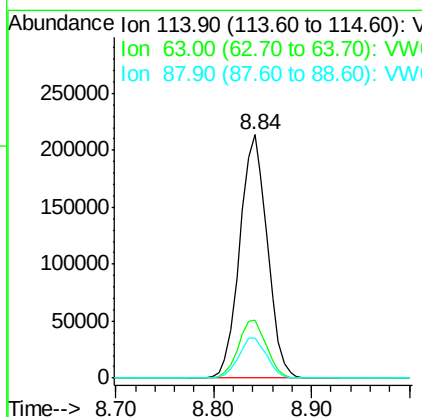
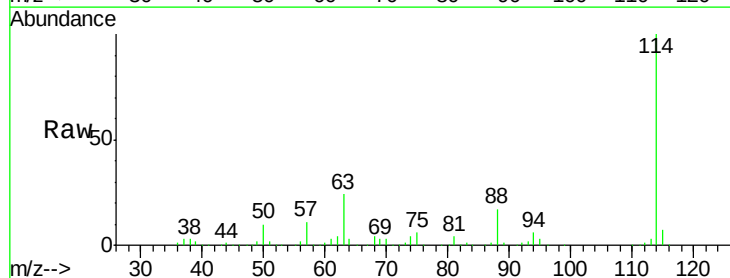
Instrument :
 MSVOA_W
 ClientSampleId :
 SUNSET-PARK-SB-4-7.5-8.0

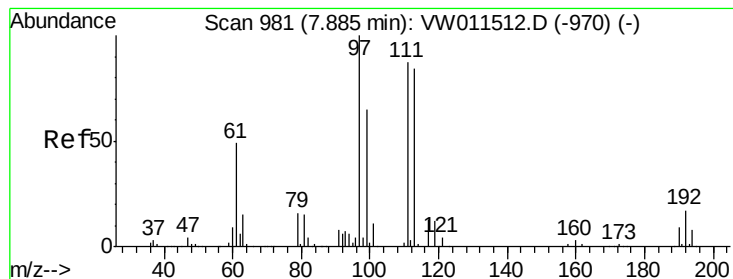
Tot Ion: 65 Resp: 154872
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012055.D
 Acq: 21 Aug 2019 02:33

Tgt Ion: 114 Resp: 416565
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 49.2
 88 16.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 53.671 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012055.D

Acq: 21 Aug 2019 02:33

Instrument :

MSVOA_W

ClientSampleId :

SUNSET-PARK-SB-4-7.5-8.0

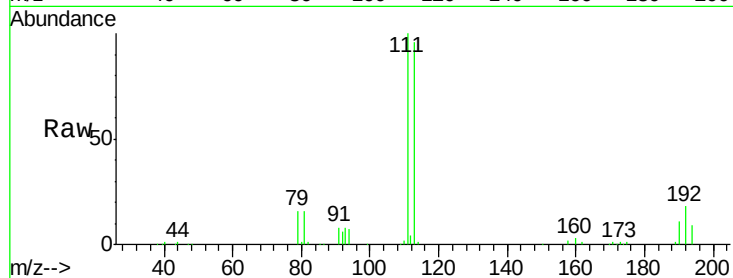
Tot Ion:113 Resp: 125429

Ion Ratio Lower Upper

113 100

111 102.6 82.7 124.1

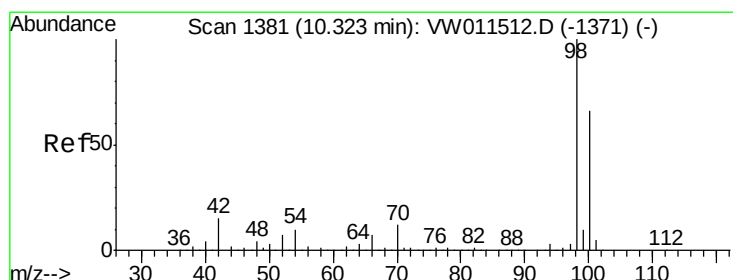
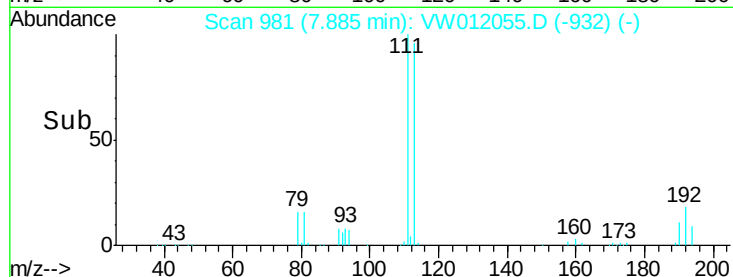
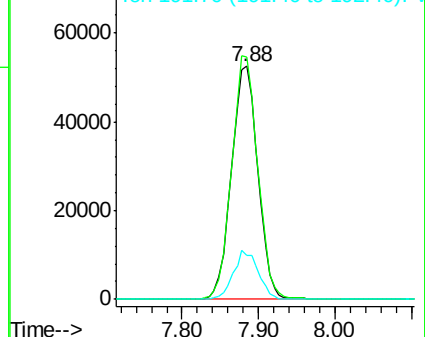
192 19.8 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 53.230 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012055.D

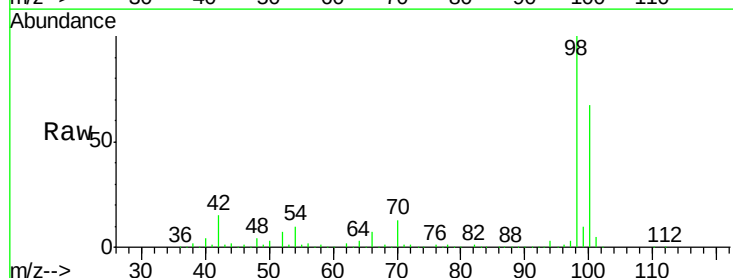
Acq: 21 Aug 2019 02:33

Tgt Ion: 98 Resp: 509325

Ion Ratio Lower Upper

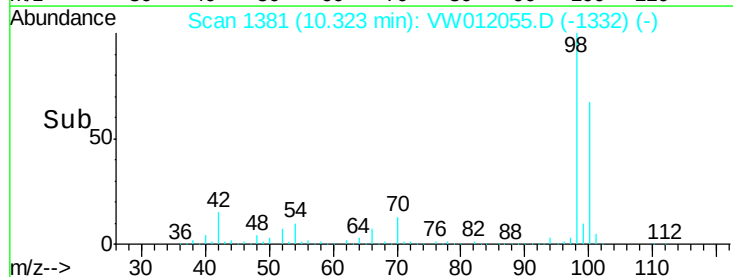
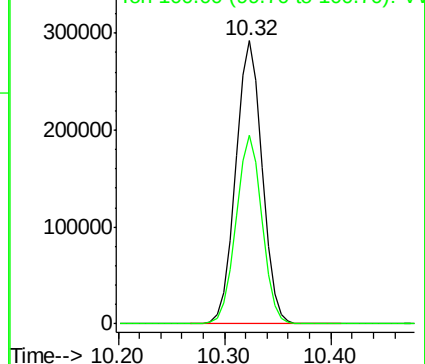
98 100

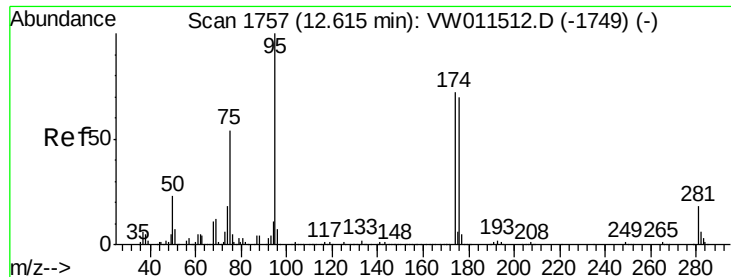
100 65.5 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 50.894 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012055.D

Acq: 21 Aug 2019 02:33

Instrument :

MSVOA_W

ClientSampleId :

SUNSET-PARK-SB-4-7.5-8.0

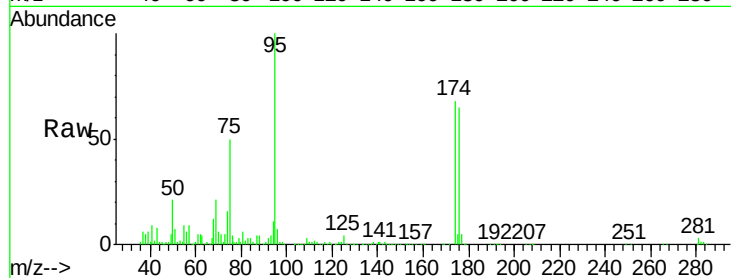
Tot Ion: 95 Resp: 173615

Ion Ratio Lower Upper

95 100

174 73.7 0.0 150.2

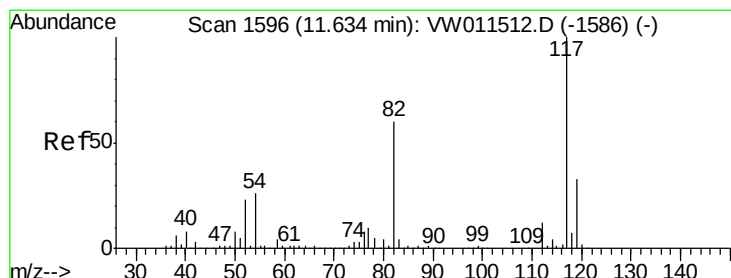
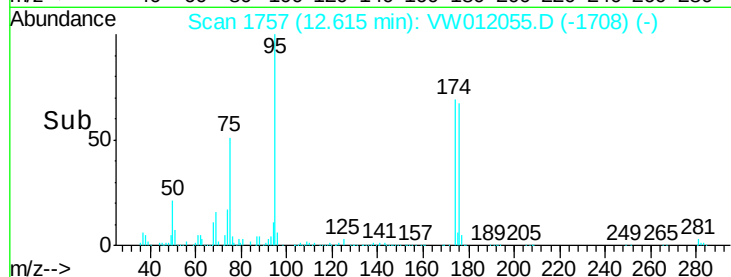
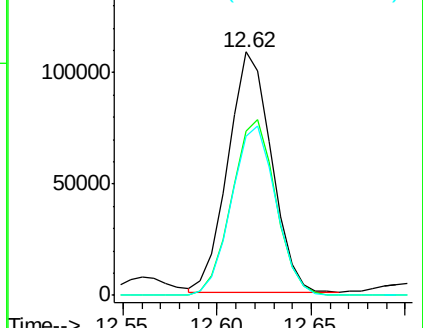
176 71.7 0.0 144.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012055.D

Acq: 21 Aug 2019 02:33

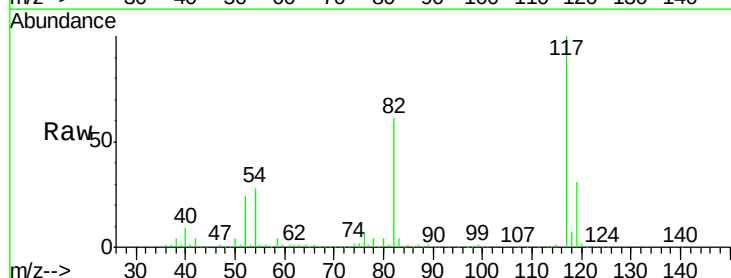
Tgt Ion: 117 Resp: 351242

Ion Ratio Lower Upper

117 100

82 60.5 47.9 71.9

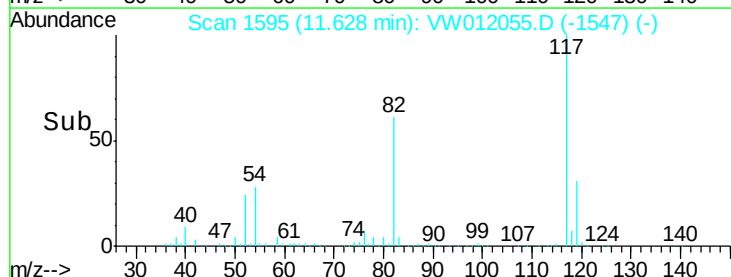
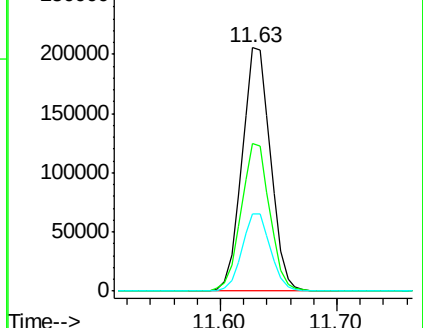
119 31.5 26.2 39.2

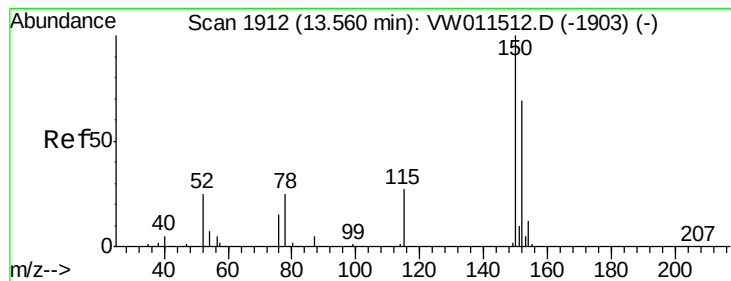


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012055.D

Acq: 21 Aug 2019 02:33

Instrument :

MSVOA_W

ClientSampleId :

SUNSET-PARK-SB-4-7.5-8.0

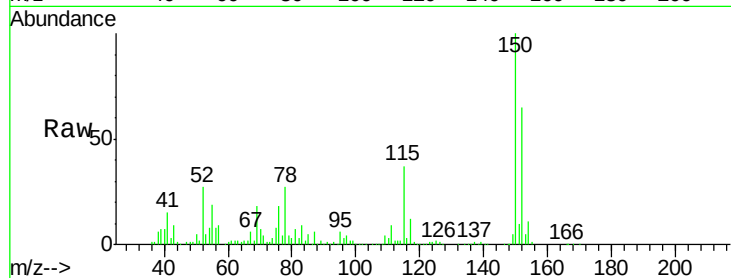
Tot Ion:152 Resp: 147858

Ion Ratio Lower Upper

152 100

115 57.9 30.5 91.5

150 148.6 0.0 352.6



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

