

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082219\
 Data File : VW012105.D
 Acq On : 22 Aug 2019 12:51
 Operator : SY/VA
 Sample : K4421-06
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUNSET-PARK-SB-5-9.2-9.7

Quant Time: Aug 23 08:28:08 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

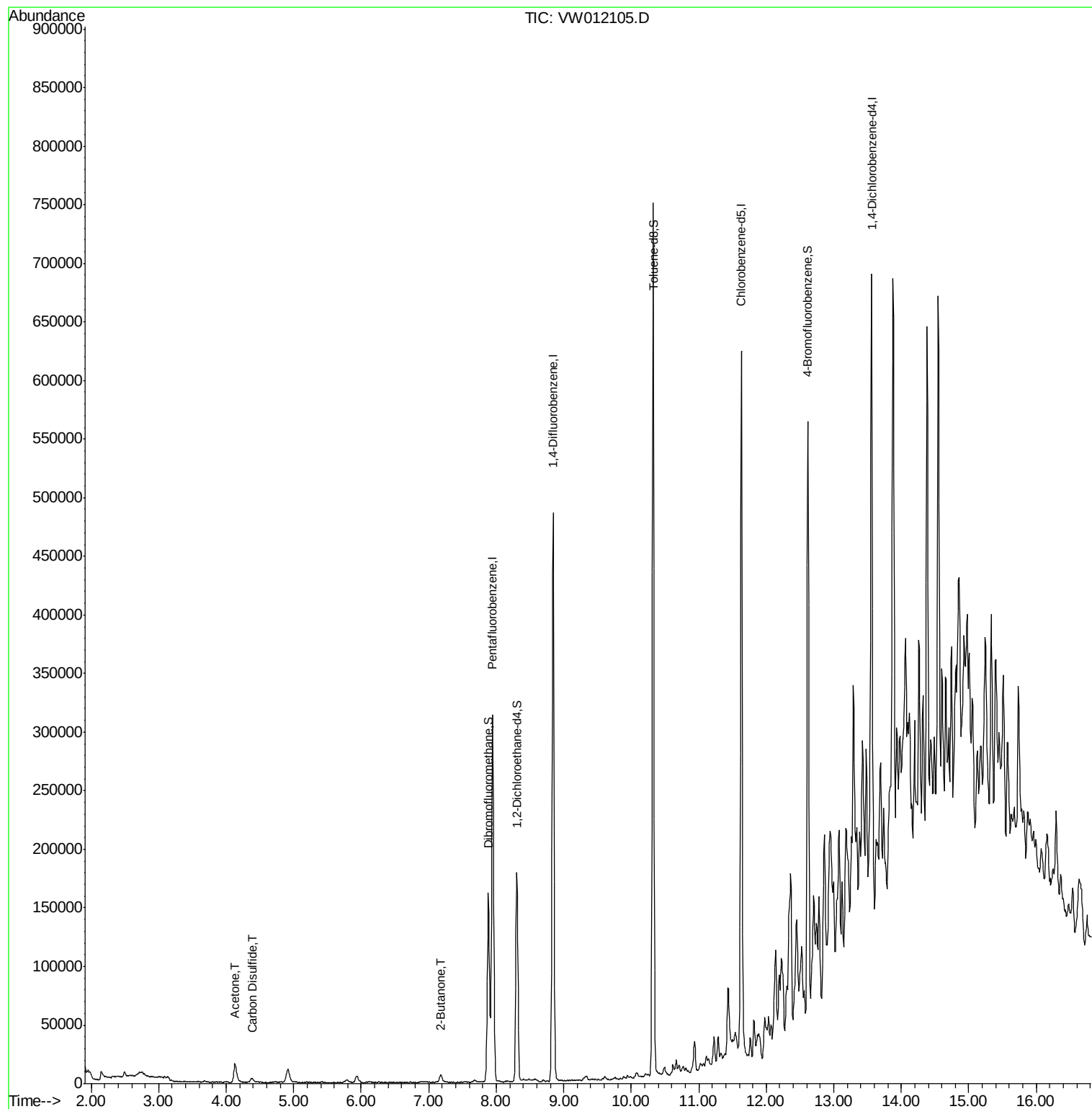
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	228224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	378099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	322846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	133357	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	141861	54.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.26%	
35) Dibromofluoromethane	7.88	113	114702	54.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.14%	
50) Toluene-d8	10.32	98	467953	53.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.76%	
62) 4-Bromofluorobenzene	12.62	95	159156	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
Target Compounds						
16) Acetone	4.13	43	32498	38.984	ug/l	95
17) Carbon Disulfide	4.39	76	7691	1.034	ug/l	98
25) 2-Butanone	7.18	43	11178	10.247	ug/l	100

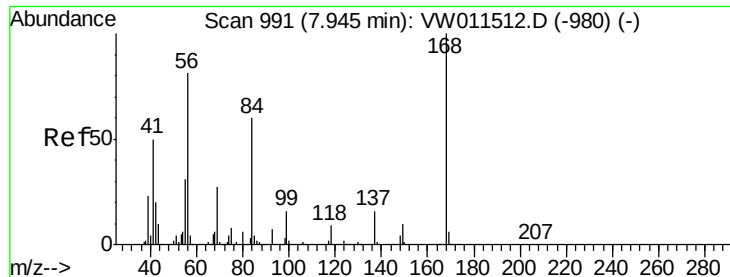
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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ClientSampleId :

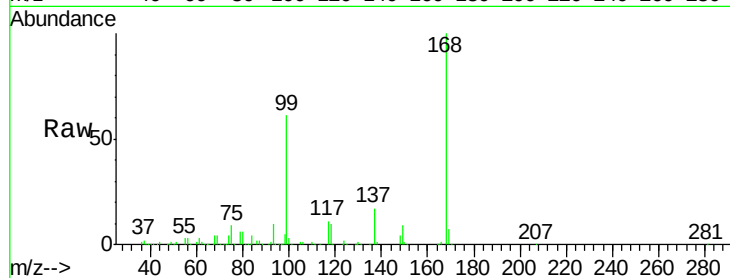
SUNSET-PARK-SB-5-9.2-9.7

Tot Ion:168 Resp: 228224

Ion Ratio Lower Upper

168 100

99 61.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

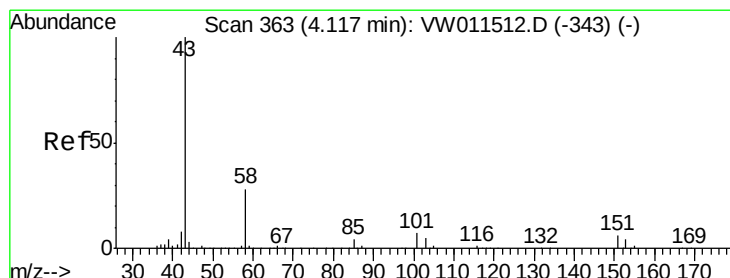
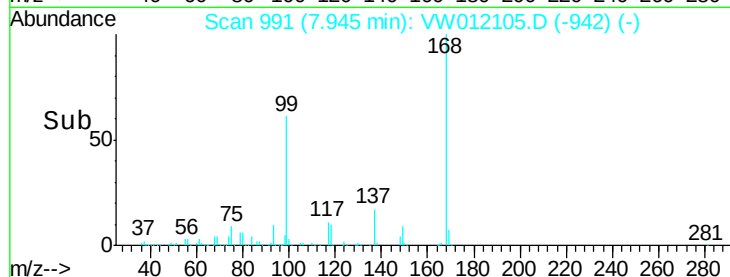
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 38.984 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012105.D

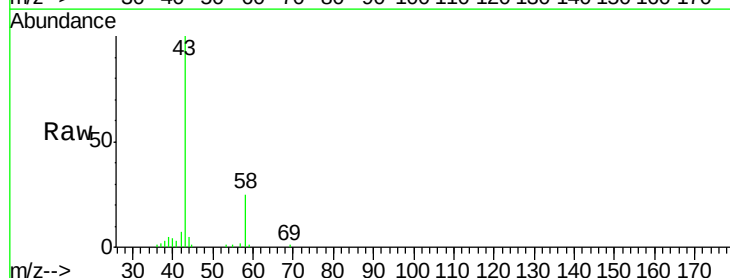
Acq: 22 Aug 2019 12:51

Tgt Ion: 43 Resp: 32498

Ion Ratio Lower Upper

43 100

58 25.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

12000

10000

8000

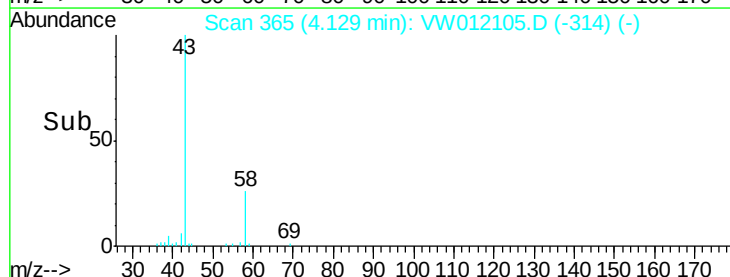
6000

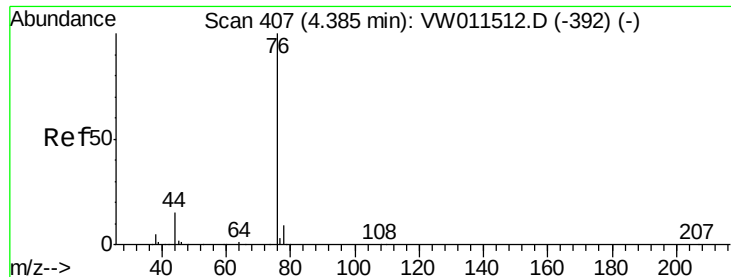
4000

2000

0

Time-->





#17

Carbon Disulfide

Concen: 1.034 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW012105.D

Acq: 22 Aug 2019 12:51

Instrument :

MSVOA_W

ClientSampleId :

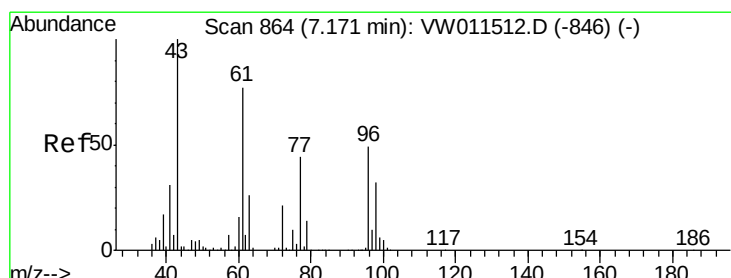
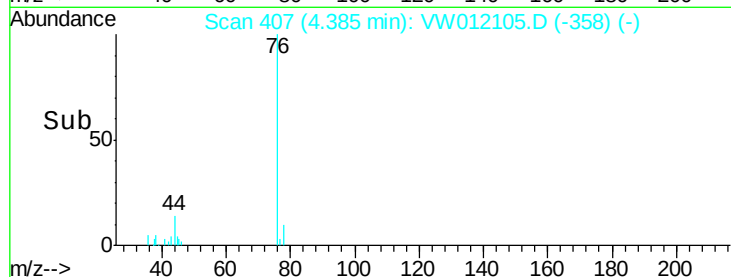
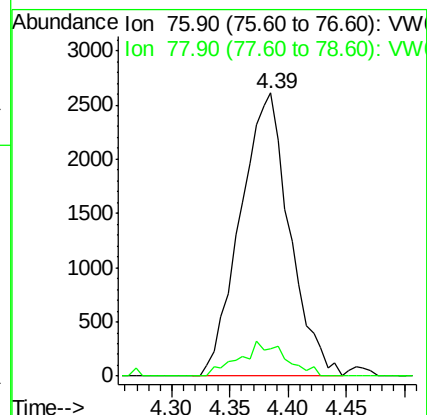
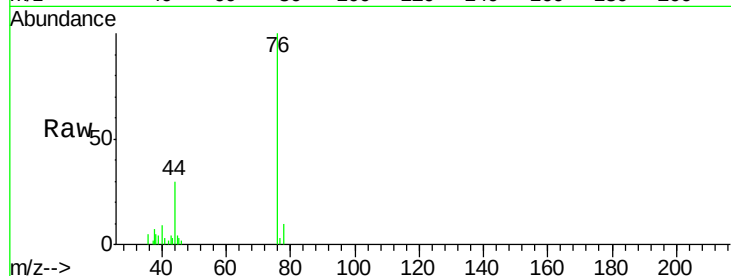
SUNSET-PARK-SB-5-9.2-9.7

Tot Ion: 76 Resp: 7691

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7



#25

2-Butanone

Concen: 10.247 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW012105.D

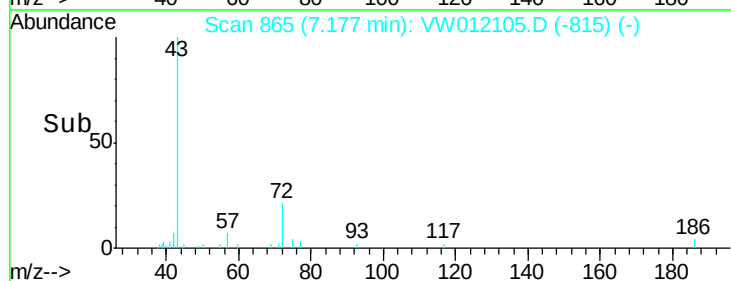
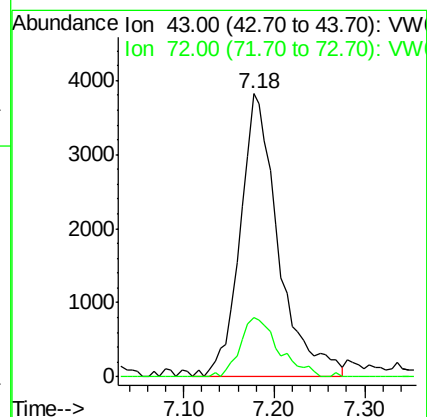
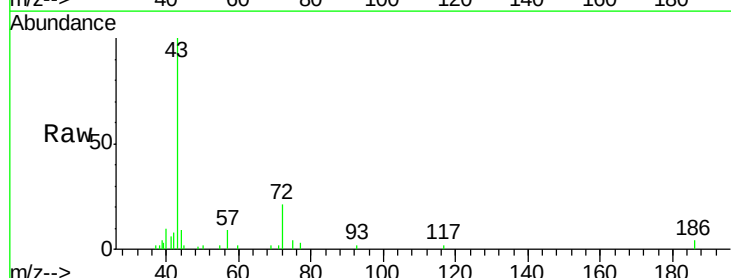
Acq: 22 Aug 2019 12:51

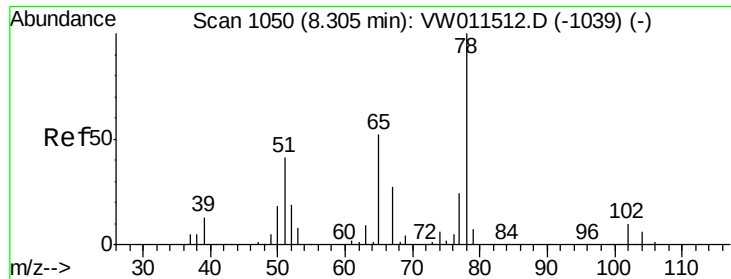
Tgt Ion: 43 Resp: 11178

Ion Ratio Lower Upper

43 100

72 20.9 16.6 24.8

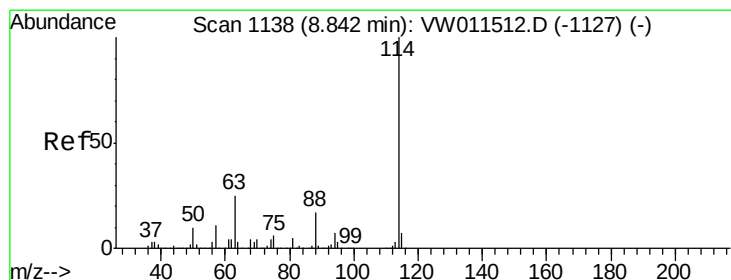
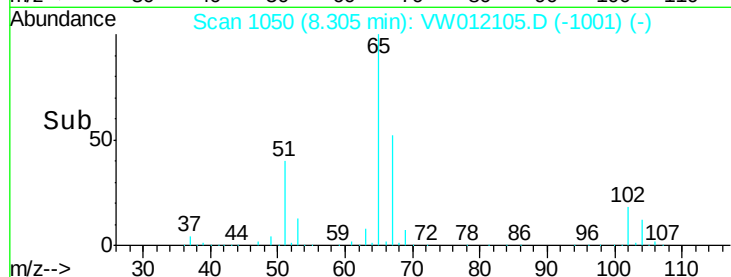
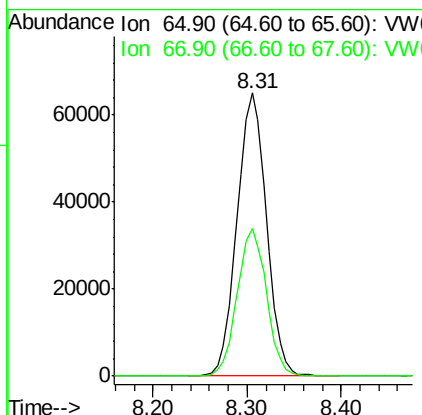
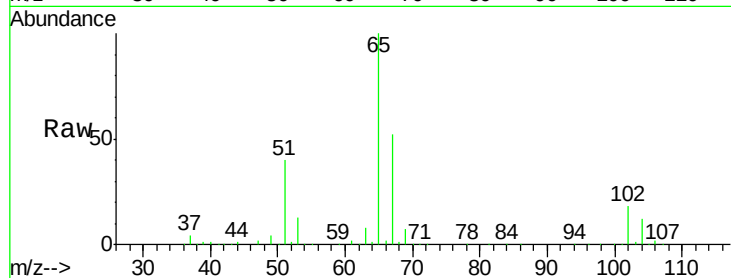




#33
 1,2-Dichloroethane-d4
 Concen: 54.132 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012105.D
 Acq: 22 Aug 2019 12:51

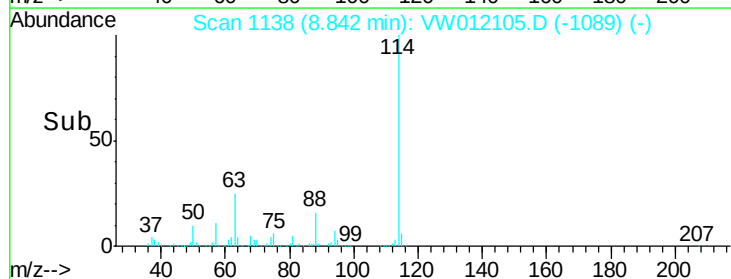
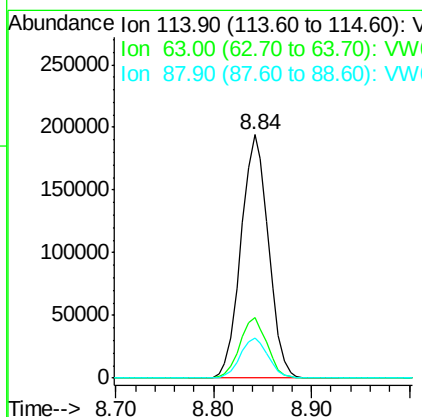
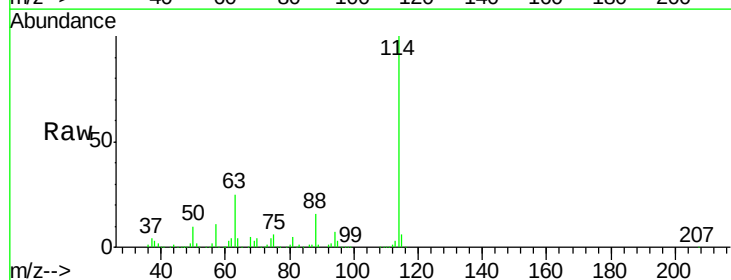
Instrument :
 MSVOA_W
 ClientSampleId :
 SUNSET-PARK-SB-5-9.2-9.7

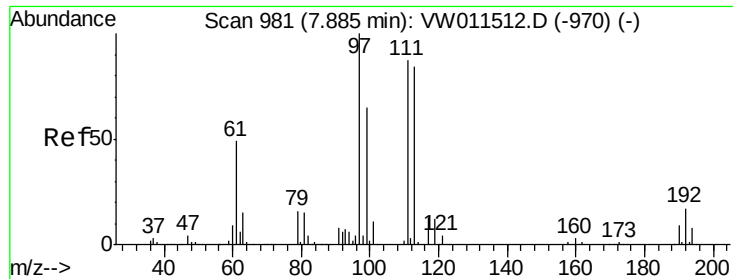
Tot Ion: 65 Resp: 141861
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012105.D
 Acq: 22 Aug 2019 12:51

Tgt Ion: 114 Resp: 378099
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 49.2
 88 16.4 0.0 33.8

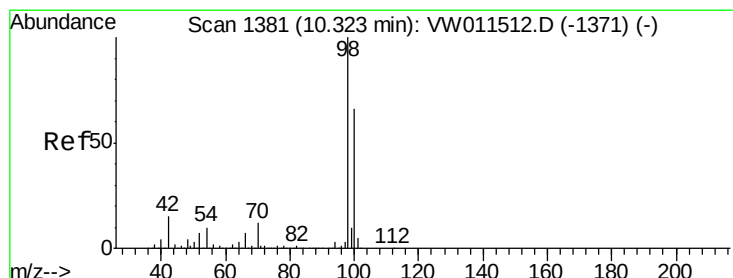
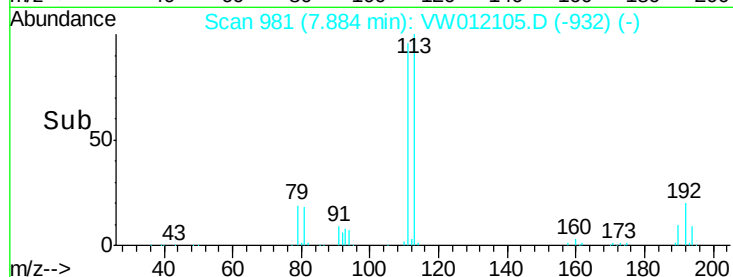
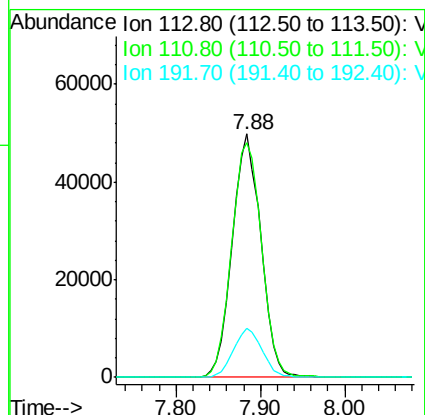
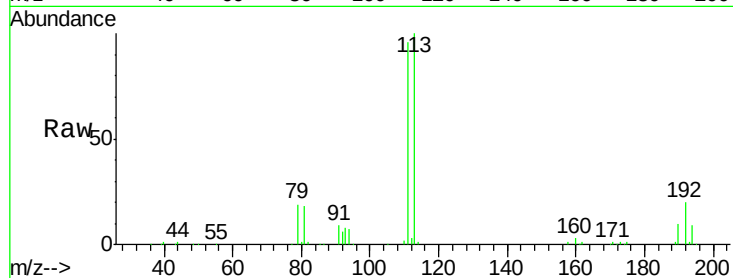




#35
Dibromofluoromethane
Concen: 54.074 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW012105.D
Acq: 22 Aug 2019 12:51

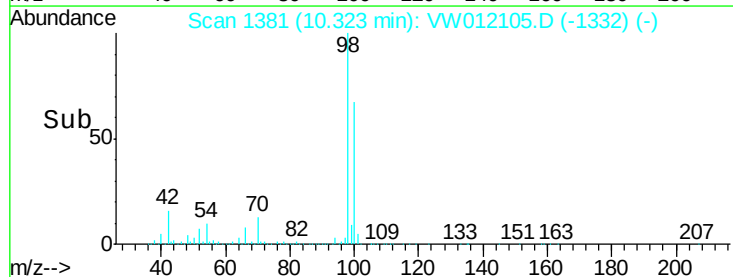
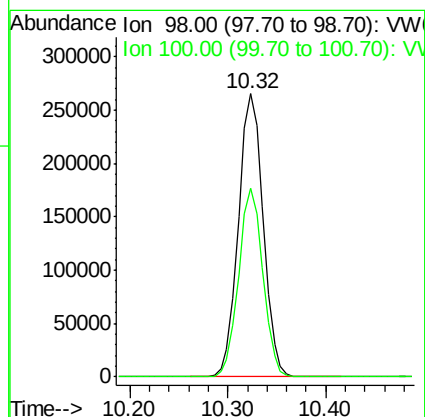
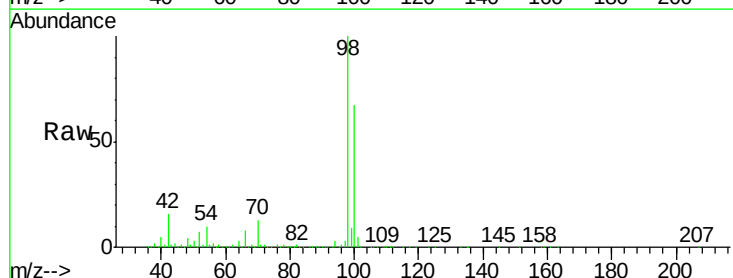
Instrument :
MSVOA_W
ClientSampleId :
SUNSET-PARK-SB-5-9.2-9.7

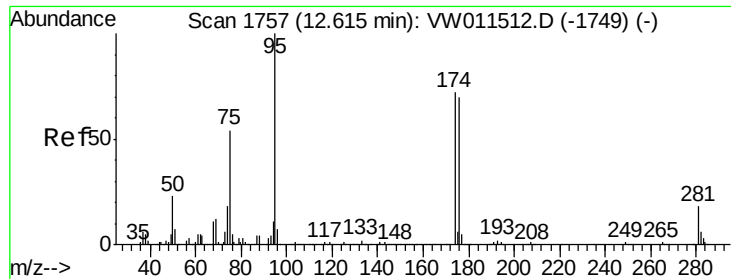
Tot Ion:113 Resp: 114702
Ion Ratio Lower Upper
113 100
111 101.0 82.7 124.1
192 20.1 16.1 24.1



#50
Toluene-d8
Concen: 53.882 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012105.D
Acq: 22 Aug 2019 12:51

Tgt Ion: 98 Resp: 467953
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1





#62

4-Bromofluorobenzene

Concen: 51.402 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012105.D

Acq: 22 Aug 2019 12:51

Instrument :

MSVOA_W

ClientSampleId :

SUNSET-PARK-SB-5-9.2-9.7

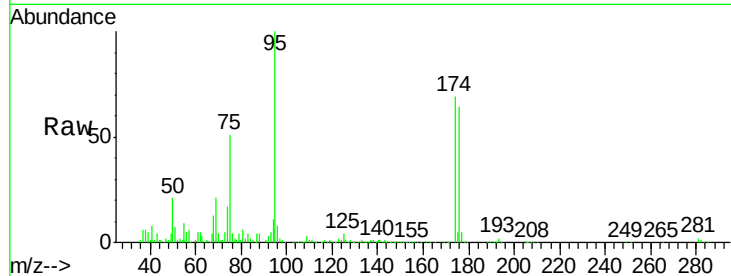
Tot Ion: 95 Resp: 159156

Ion Ratio Lower Upper

95 100

174 72.7 0.0 150.2

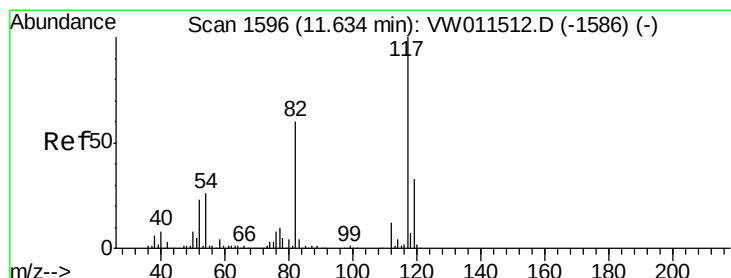
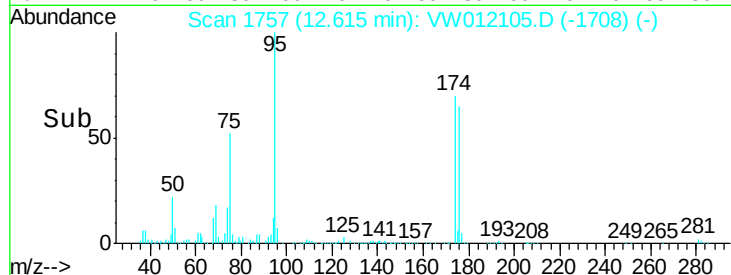
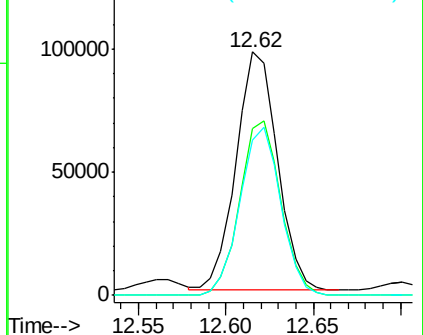
176 69.9 0.0 144.4



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# 1596

Delta R.T. -0.00 min

Lab File: VW012105.D

Acq: 22 Aug 2019 12:51

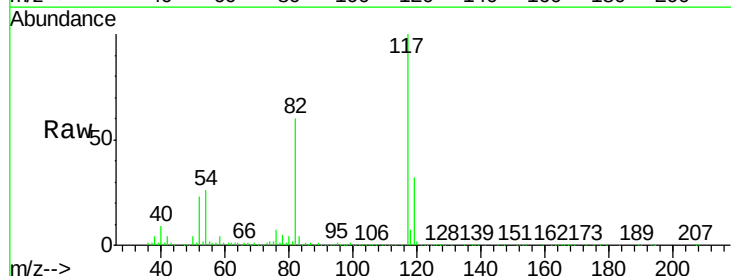
Tgt Ion: 117 Resp: 322846

Ion Ratio Lower Upper

117 100

82 59.8 47.9 71.9

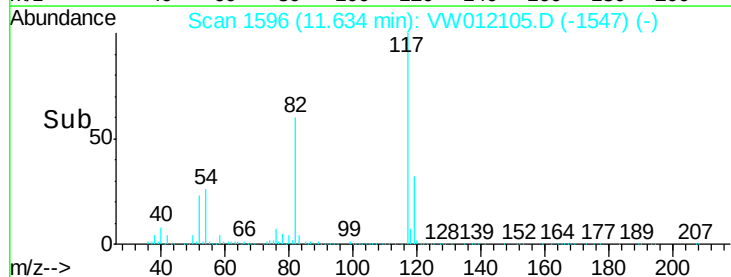
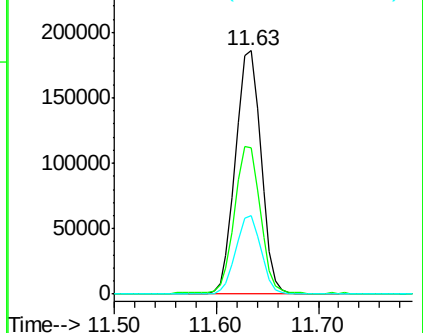
119 32.3 26.2 39.2

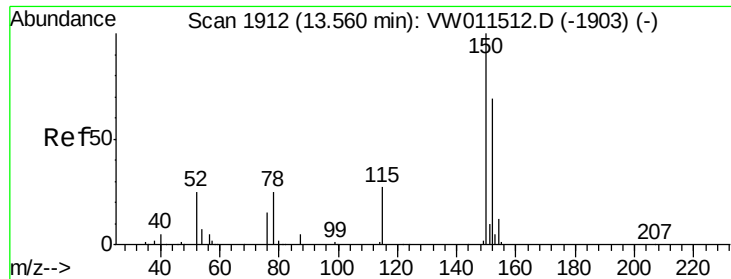


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW012105.D

Acq: 22 Aug 2019 12:51

Instrument :

MSVOA_W

ClientSampleId :

SUNSET-PARK-SB-5-9.2-9.7

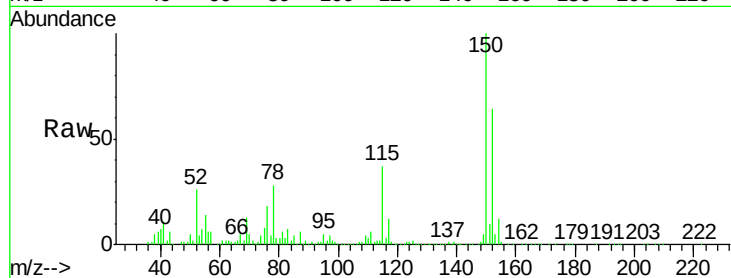
Tot Ion:152 Resp: 133357

Ion Ratio Lower Upper

152 100

115 58.6 30.5 91.5

150 152.9 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

