

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012661.D
 Acq On : 06 Sep 2019 00:56
 Operator : SY/VA
 Sample : K4579-02
 Misc : 4.54G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-A1-(0)

Quant Time: Sep 06 08:36:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

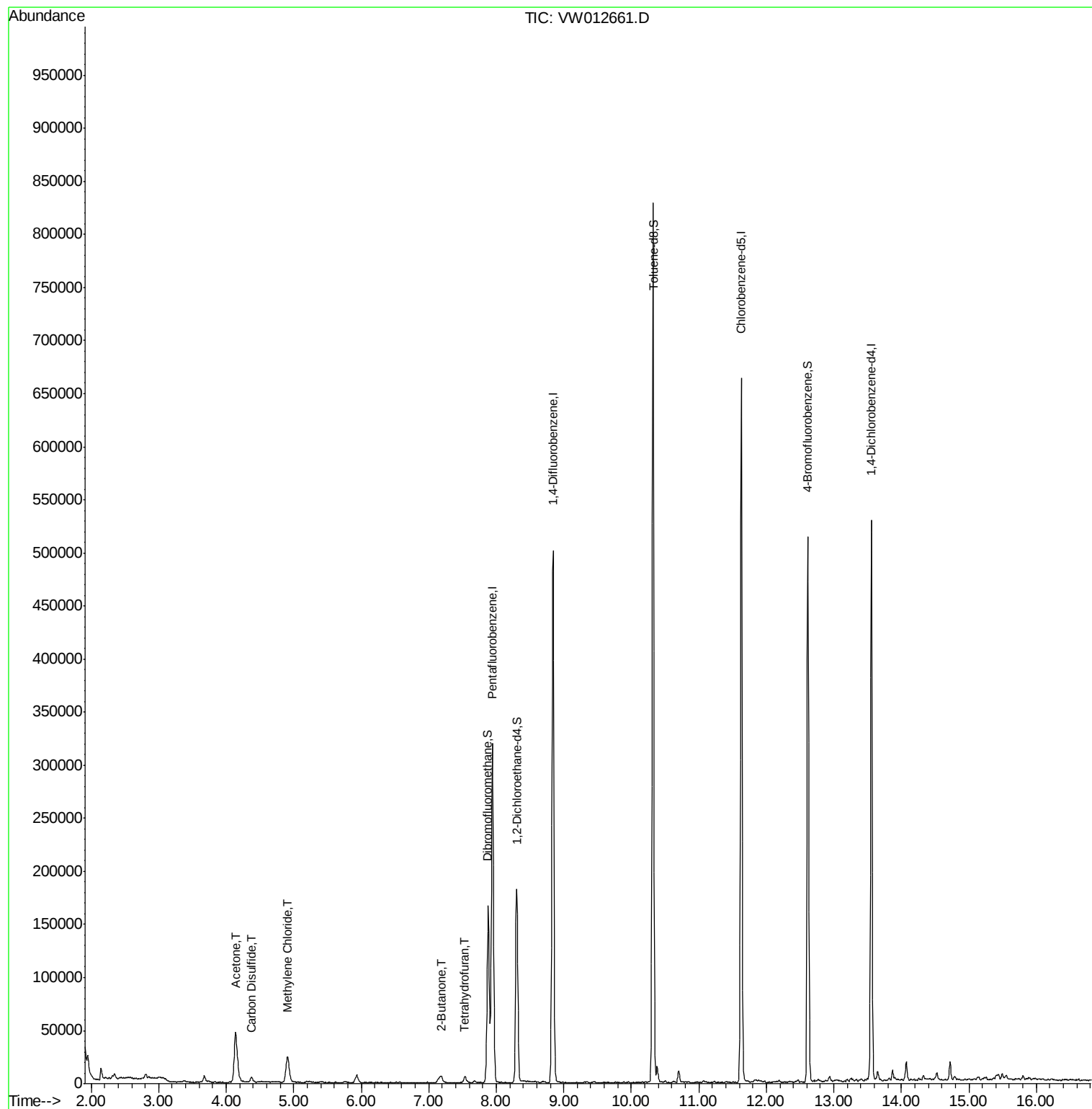
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	392534	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	352542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	133865	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	153885	54.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.36%	
35) Dibromofluoromethane	7.88	113	116997	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
50) Toluene-d8	10.32	98	514782	54.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.38%	
62) 4-Bromofluorobenzene	12.62	95	160658	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
Target Compounds						
16) Acetone	4.14	43	104591	144.069	ug/l	Qvalue 100
17) Carbon Disulfide	4.37	76	9860	1.361	ug/l #	94
20) Methylene Chloride	4.90	84	18375	6.695	ug/l	93
25) 2-Butanone	7.18	43	10713	10.859	ug/l	95
29) Tetrahydrofuran	7.53	42	5407	9.135	ug/l #	71

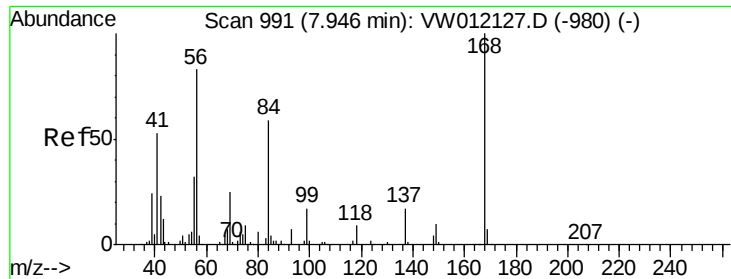
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090519\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
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: VW012661.D

Acq: 06 Sep 2019 00:56

Instrument :

MSVOA_W

ClientSampleId :

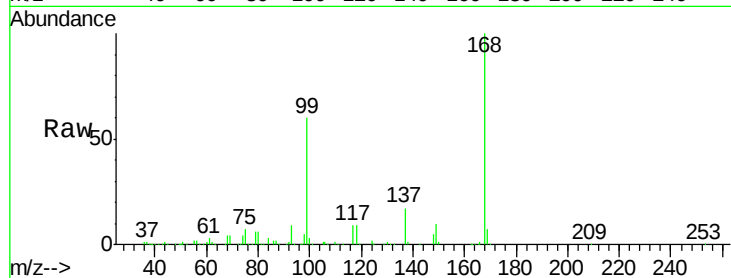
PAR-12-A1-(0)

Tot Ion:168 Resp: 238910

Ion Ratio Lower Upper

168 100

99 59.9 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

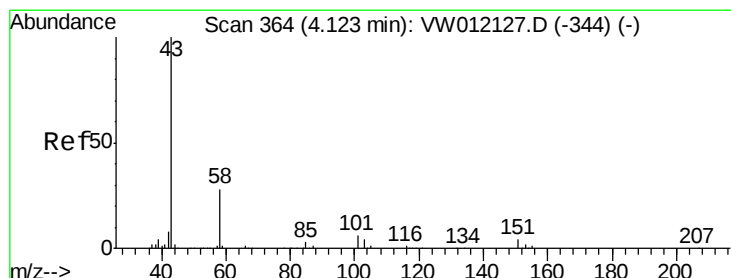
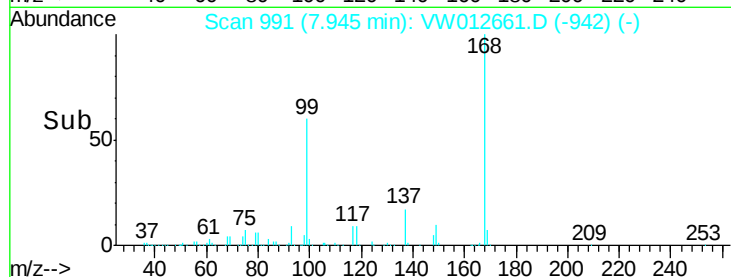
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 144.069 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012661.D

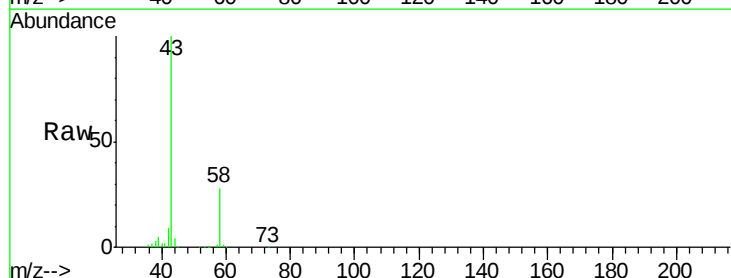
Acq: 06 Sep 2019 00:56

Tgt Ion: 43 Resp: 104591

Ion Ratio Lower Upper

43 100

58 27.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

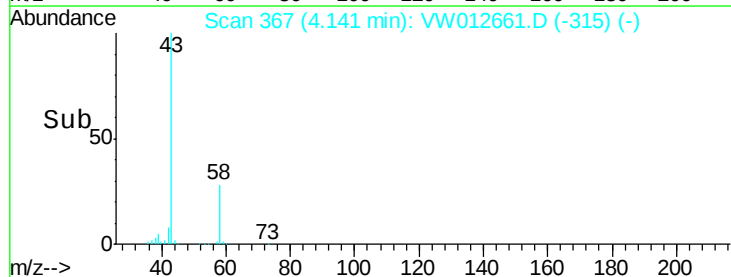
30000

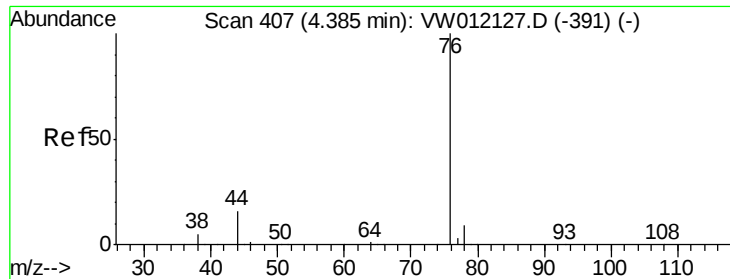
20000

10000

0

Time-->





#17

Carbon Disulfide

Concen: 1.361 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW012661.D

Acq: 06 Sep 2019 00:56

Instrument :

MSVOA_W

ClientSampleId :

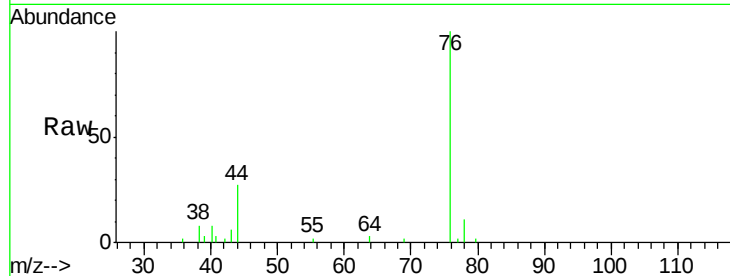
PAR-12-A1-(0)

Tot Ion: 76 Resp: 9860

Ion Ratio Lower Upper

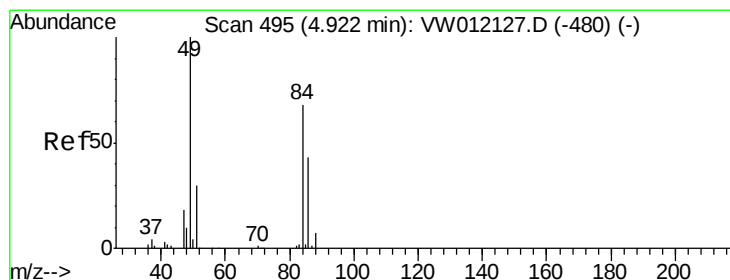
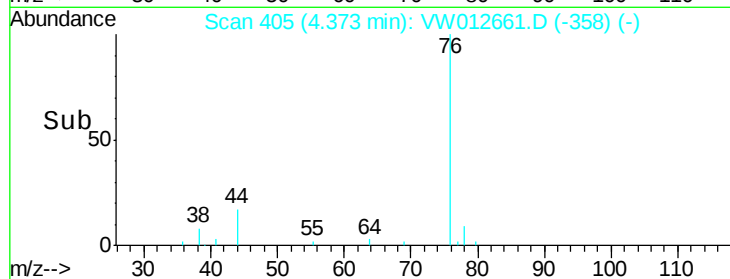
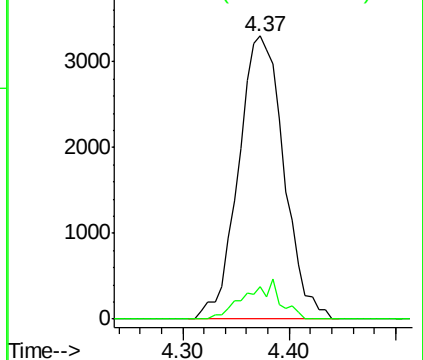
76 100

78 11.3 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 6.695 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW012661.D

Acq: 06 Sep 2019 00:56

Tgt Ion: 84 Resp: 18375

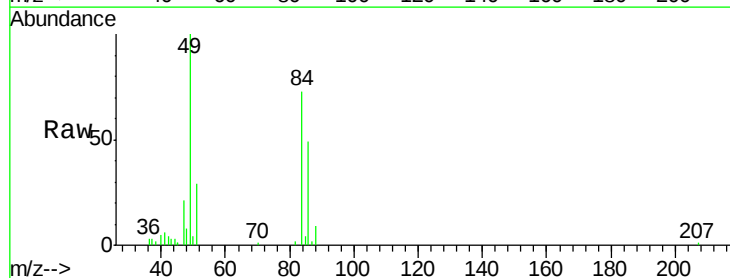
Ion Ratio Lower Upper

84 100

49 137.4 117.8 176.8

51 40.2 35.6 53.4

86 67.7 51.2 76.8

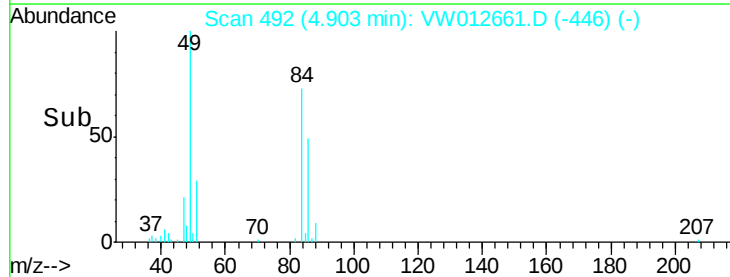
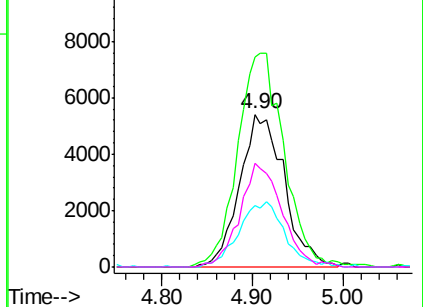


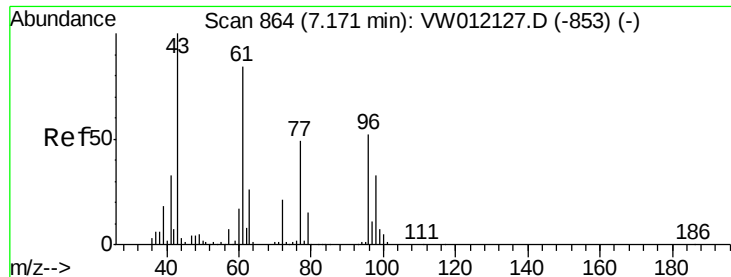
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#25

2-Butanone

Concen: 10.859 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW012661.D

Acq: 06 Sep 2019 00:56

Instrument :

MSVOA_W

ClientSampleId :

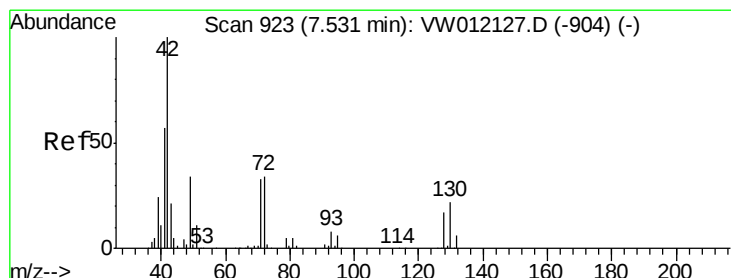
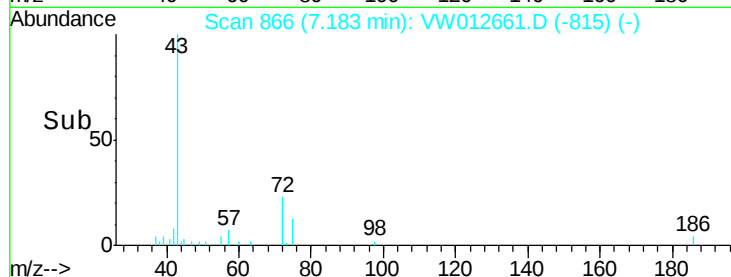
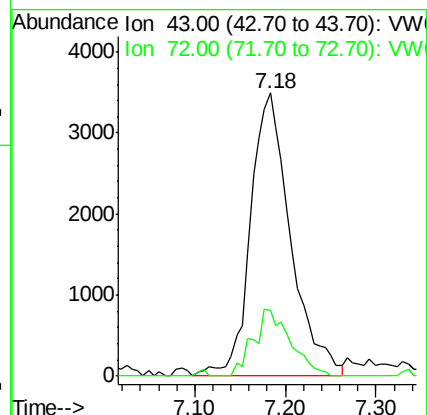
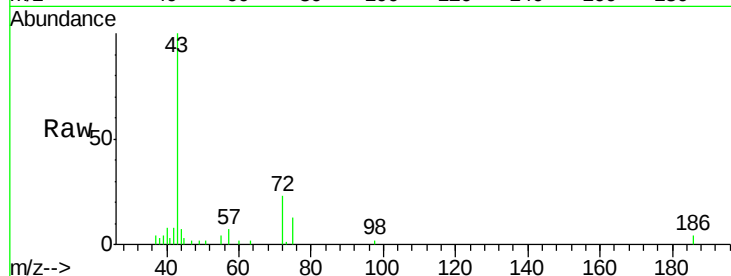
PAR-12-A1-(0)

Tot Ion: 43 Resp: 10713

Ion Ratio Lower Upper

43 100

72 23.2 16.6 24.8



#29

Tetrahydrofuran

Concen: 9.135 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW012661.D

Acq: 06 Sep 2019 00:56

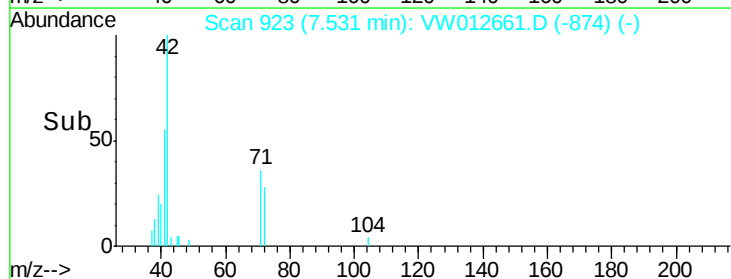
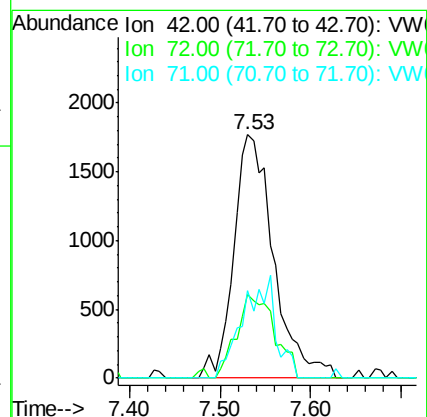
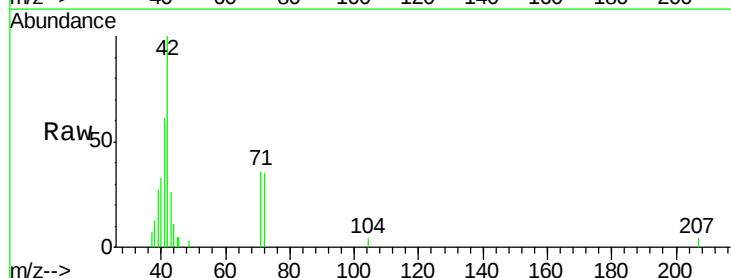
Tgt Ion: 42 Resp: 5407

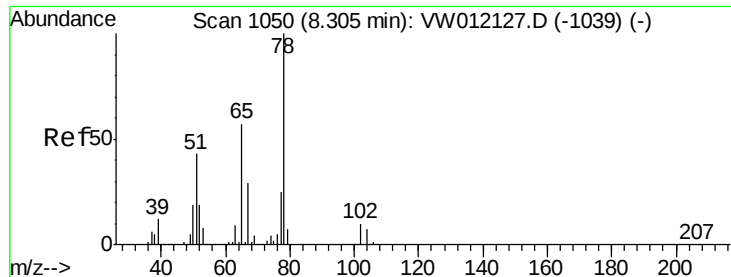
Ion Ratio Lower Upper

42 100

72 32.8 27.3 40.9

71 0.0 25.5 38.3#





#33

1,2-Dichloroethane-d4

Concen: 54.184 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012661.D

Acq: 06 Sep 2019 00:56

Instrument :

MSVOA_W

ClientSampleId :

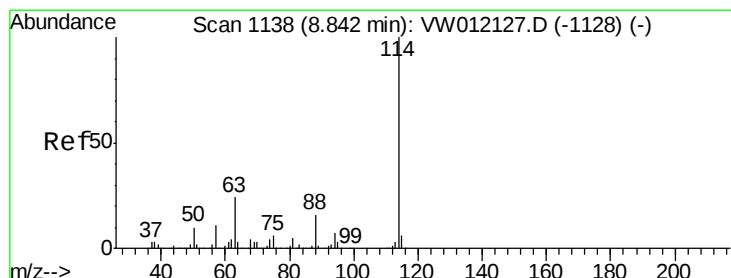
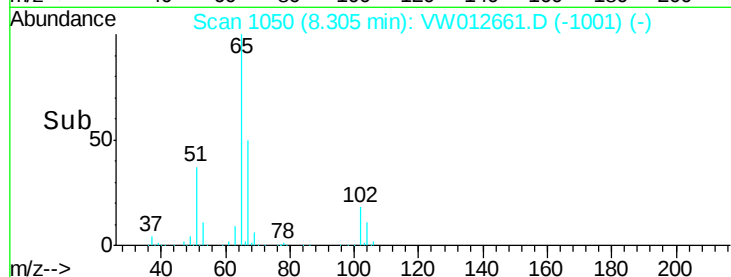
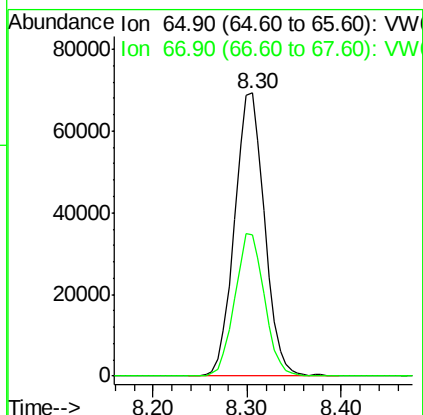
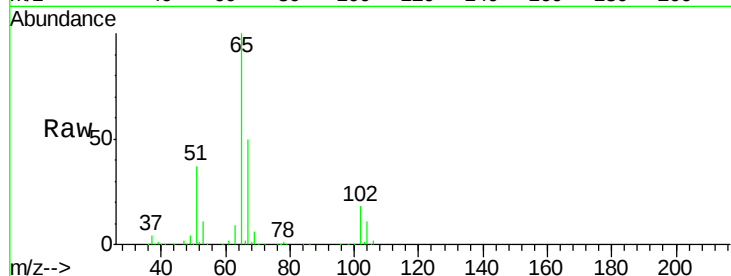
PAR-12-A1-(0)

Tot Ion: 65 Resp: 153885

Ion Ratio Lower Upper

65 100

67 50.0 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012661.D

Acq: 06 Sep 2019 00:56

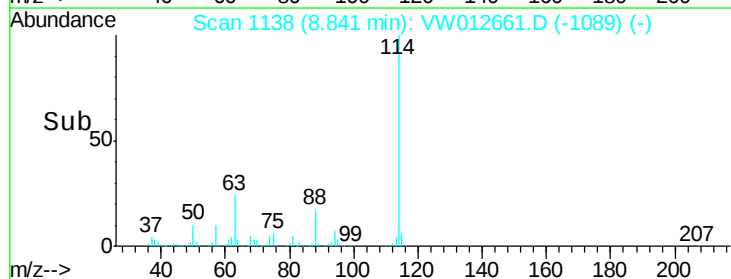
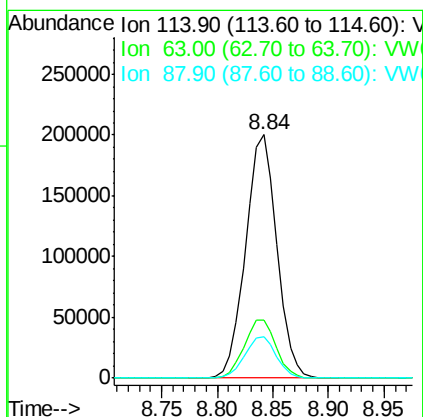
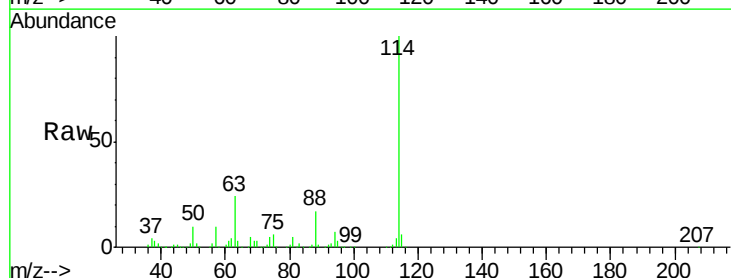
Tgt Ion: 114 Resp: 392534

Ion Ratio Lower Upper

114 100

63 23.9 0.0 48.6

88 17.0 0.0 32.2

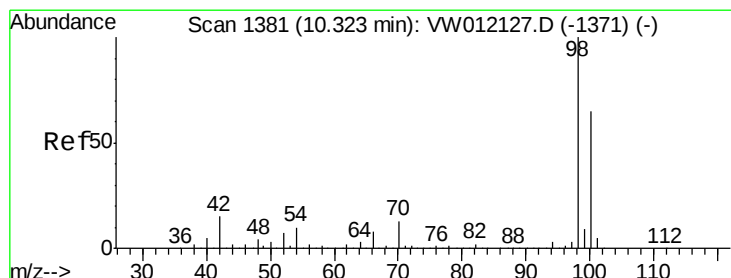
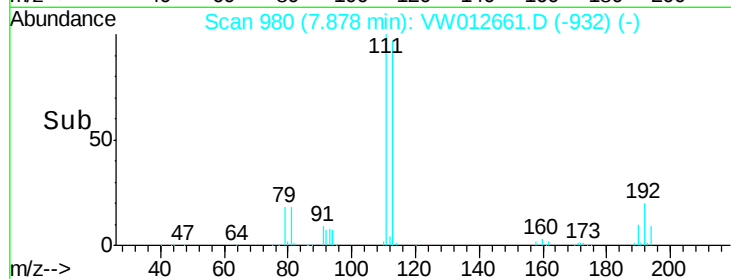
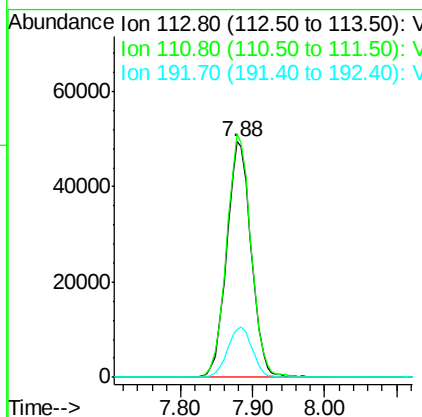
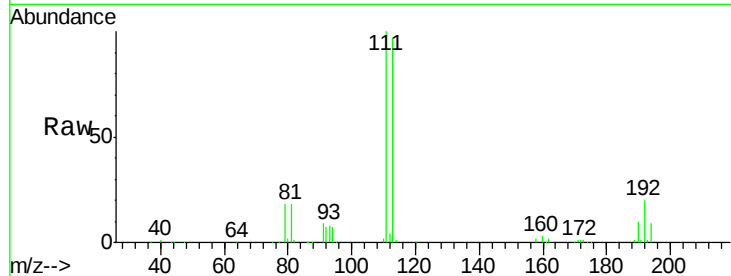




#35
Dibromofluoromethane
Concen: 49.934 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW012661.D
Acq: 06 Sep 2019 00:56

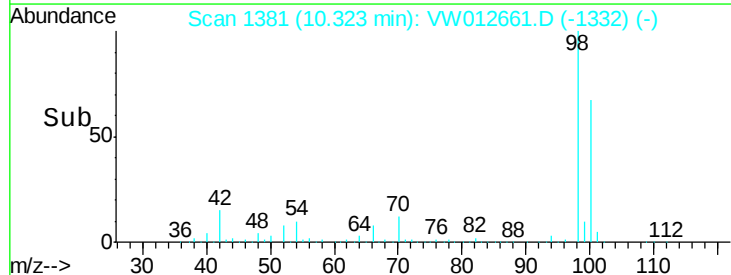
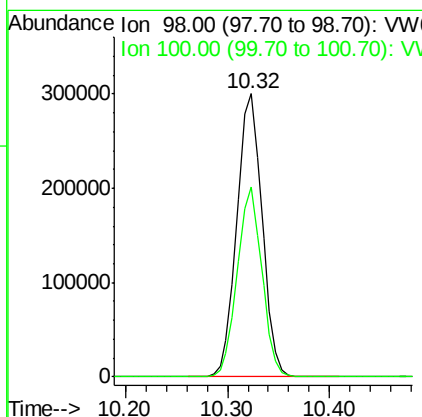
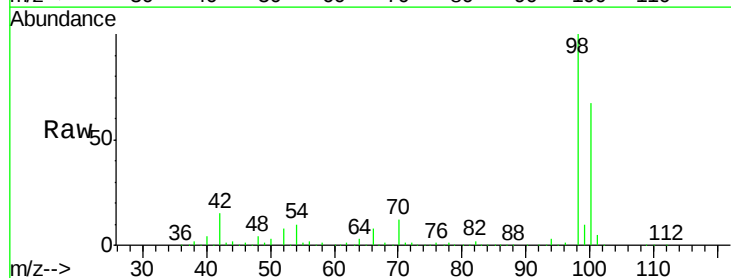
Instrument :
MSVOA_W
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PAR-12-A1-(0)

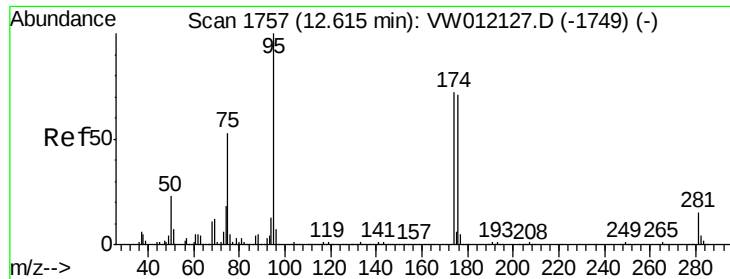
Tot Ion:113 Resp: 116997
Ion Ratio Lower Upper
113 100
111 103.0 82.7 124.1
192 21.4 16.2 24.2



#50
Toluene-d8
Concen: 54.185 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012661.D
Acq: 06 Sep 2019 00:56

Tgt Ion: 98 Resp: 514782
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6

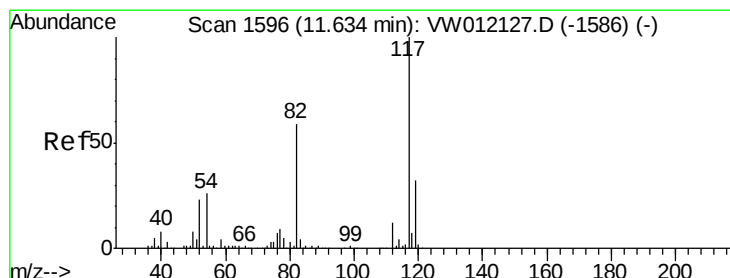
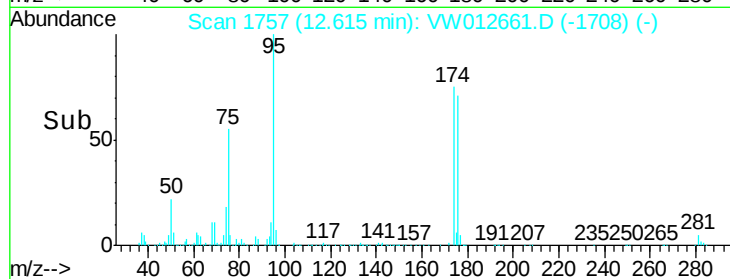
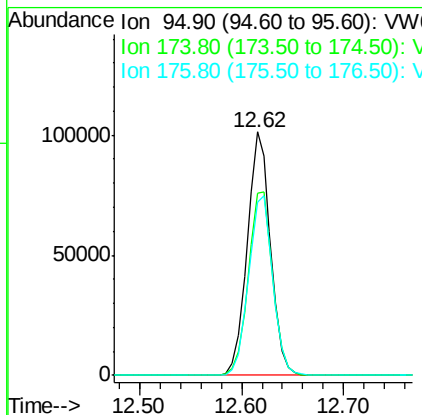
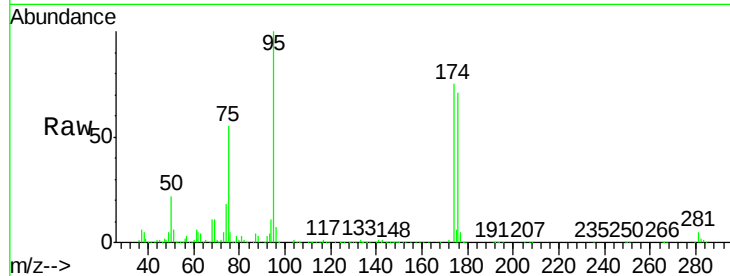




#62
4-Bromofluorobenzene
Concen: 47.974 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012661.D
Acq: 06 Sep 2019 00:56

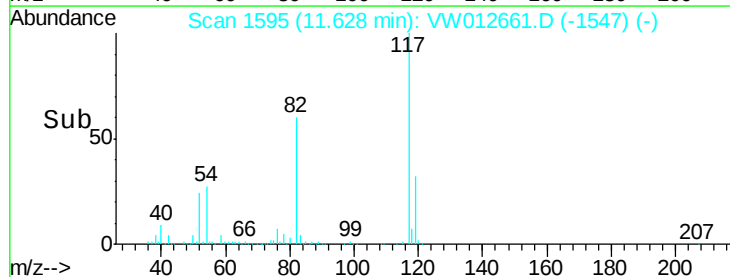
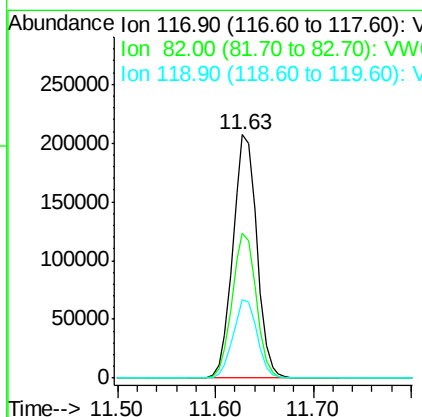
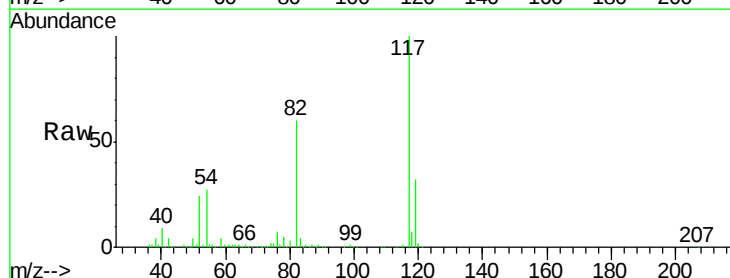
Instrument :
MSVOA_W
ClientSampleId :
PAR-12-A1-(0)

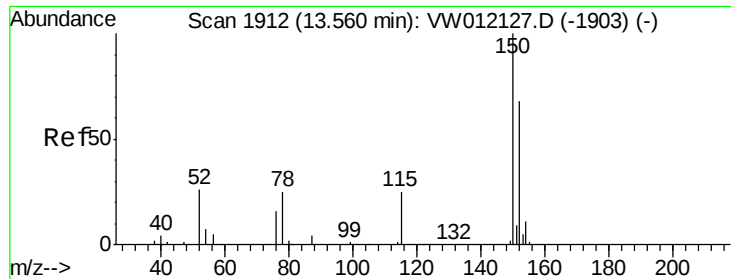
Tot Ion: 95 Resp: 160658
Ion Ratio Lower Upper
95 100
174 79.3 0.0 150.8
176 76.9 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012661.D
Acq: 06 Sep 2019 00:56

Tgt Ion: 117 Resp: 352542
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 32.3 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012661.D

Acq: 06 Sep 2019 00:56

Instrument :

MSVOA_W

ClientSampleId :

PAR-12-A1-(0)

Tot Ion:152 Resp: 133865

Ion Ratio Lower Upper

152 100

115 60.6 30.1 90.3

150 158.2 0.0 345.8

