

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090819\
 Data File : VW012766.D
 Acq On : 08 Sep 2019 13:53
 Operator : SY/VA
 Sample : K4603-03
 Misc : 3.94G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-E1-(0)

Quant Time: Sep 09 07:24:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

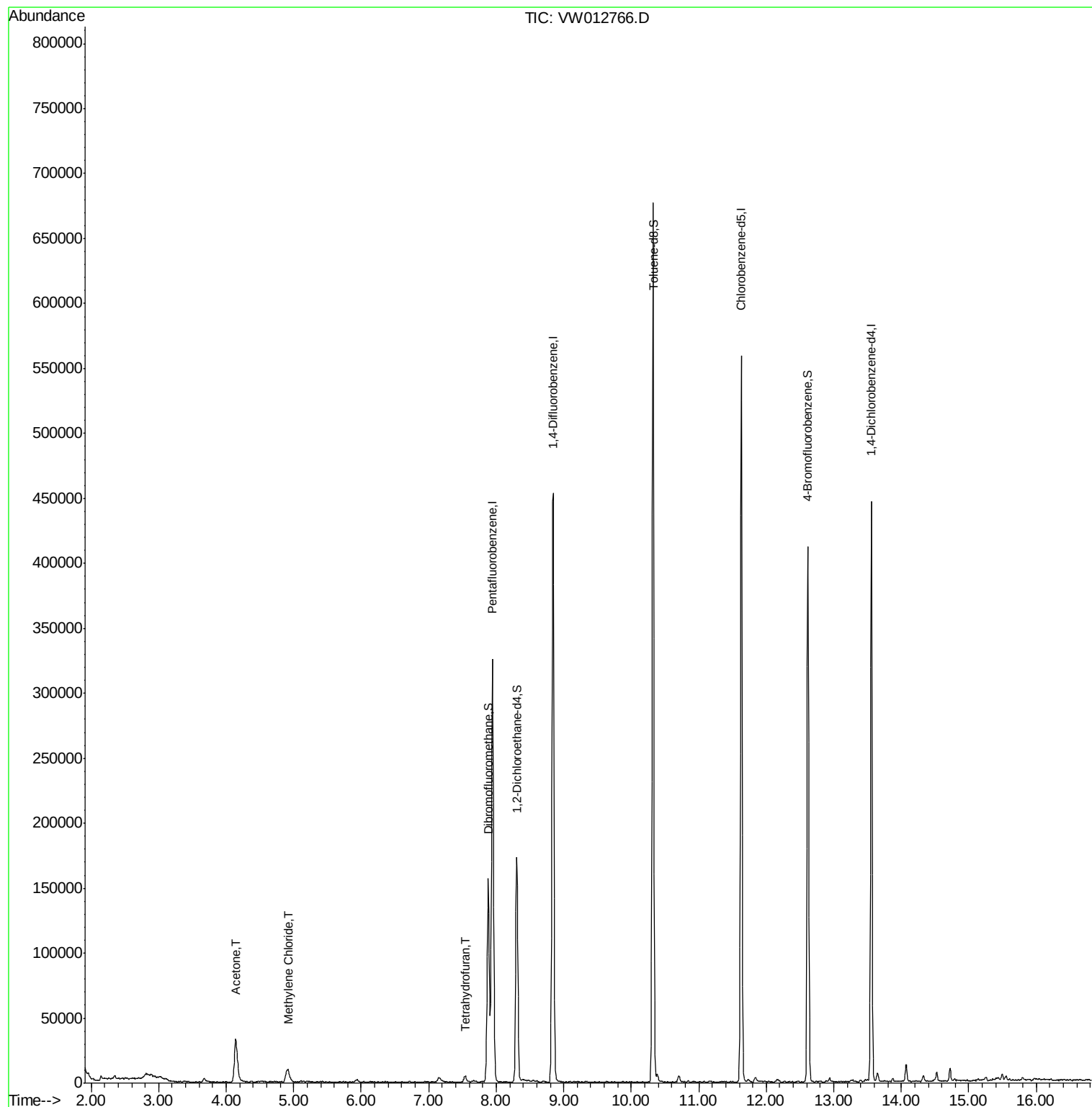
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	239685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	370871	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	292605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	114849	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	142275	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.26%	
35) Dibromofluoromethane	7.88	113	110367	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
50) Toluene-d8	10.32	98	423208	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
62) 4-Bromofluorobenzene	12.62	95	130800	41.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.42%	
Target Compounds						
16) Acetone	4.14	43	70925	97.145	ug/l	97
20) Methylene Chloride	4.92	84	8014	3.509	ug/l	94
29) Tetrahydrofuran	7.54	42	4021	6.820	ug/l	99

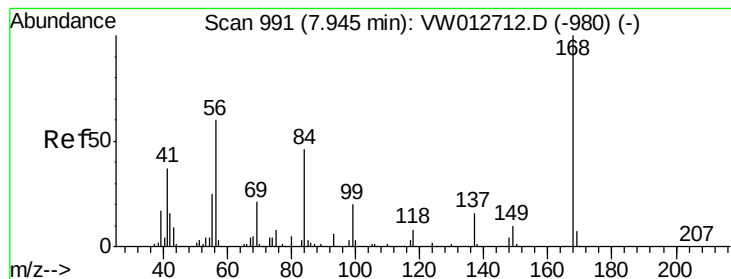
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

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MSVOA_W

ClientSampleId :

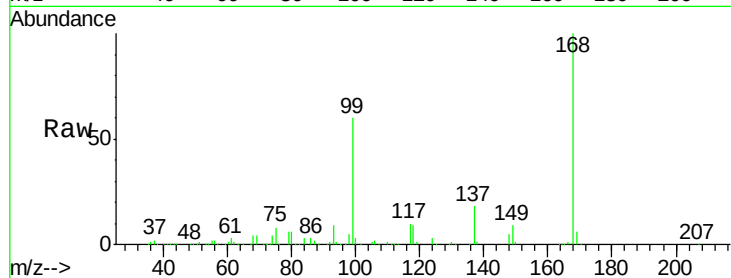
PAR-E1-(0)

Tot Ion:168 Resp: 239685

Ion Ratio Lower Upper

168 100

99 60.5 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

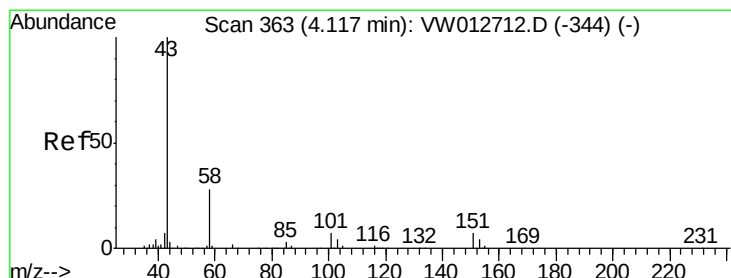
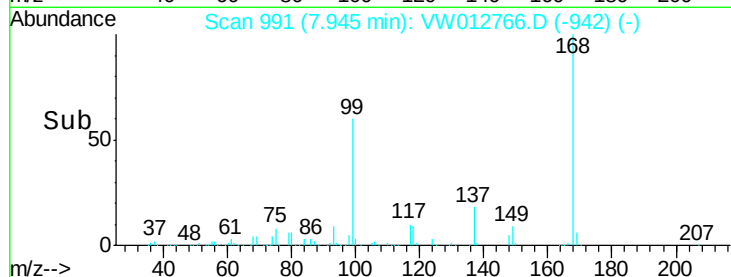
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 97.145 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012766.D

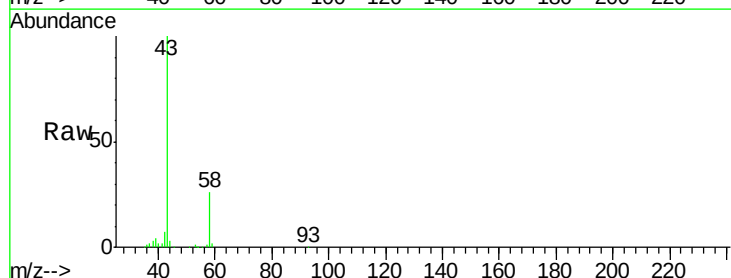
Acq: 08 Sep 2019 13:53

Tgt Ion: 43 Resp: 70925

Ion Ratio Lower Upper

43 100

58 26.5 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

25000

20000

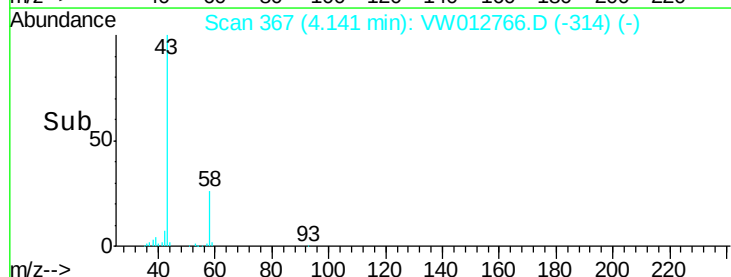
15000

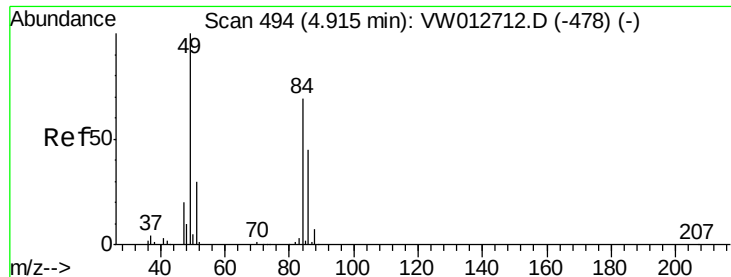
10000

5000

0

Time-->

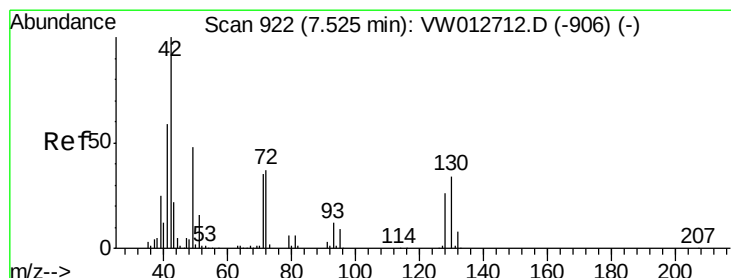
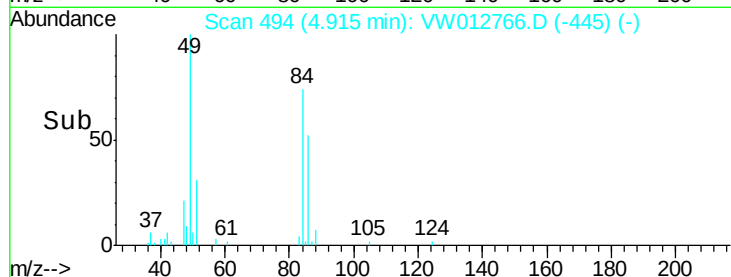
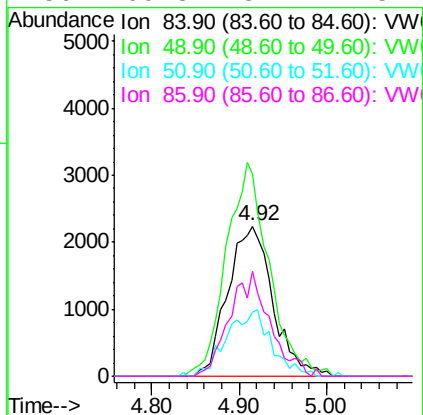
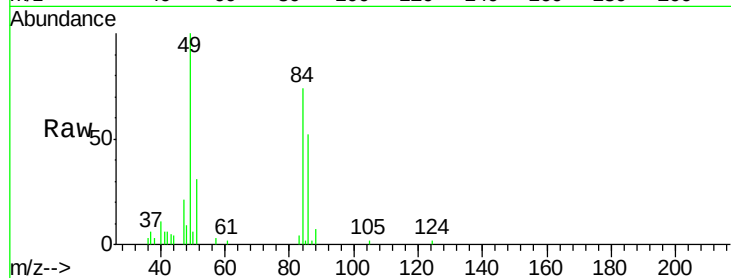




#20
Methylene Chloride
Concen: 3.509 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW012766.D
Acq: 08 Sep 2019 13:53

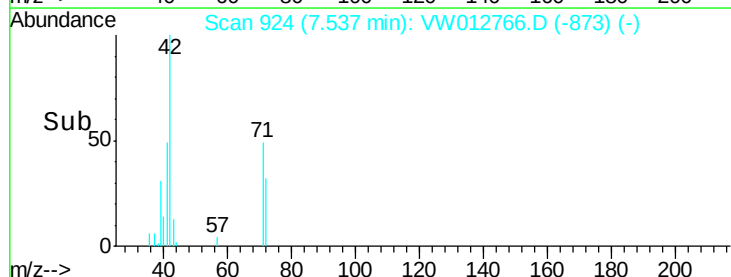
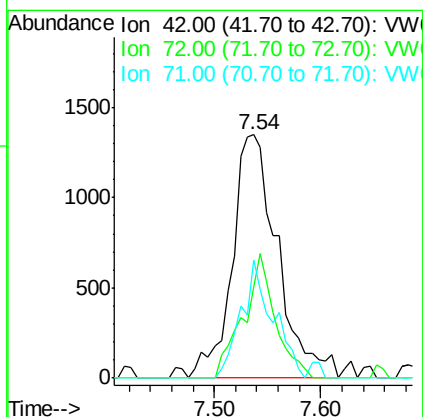
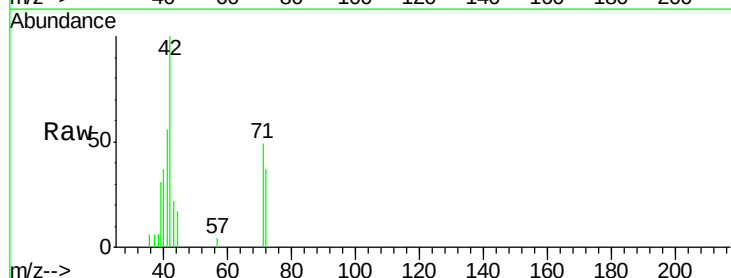
Instrument :
MSVOA_W
ClientSampleId :
PAR-E1-(0)

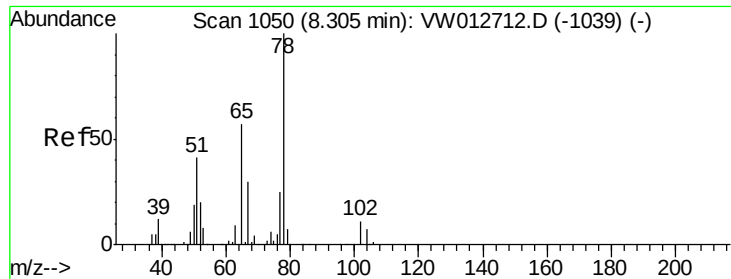
Tot Ion: 84	Resp: 8014
Ion Ratio	Lower Upper
84 100	
49 135.1	115.4 173.0
51 42.4	34.9 52.3
86 69.8	52.2 78.4



#29
Tetrahydrofuran
Concen: 6.820 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012766.D
Acq: 08 Sep 2019 13:53

Tgt	Ion: 42	Resp:	4021
Ion	Ratio	Lower	Upper
42	100		
72	36.2	28.4	42.6
71	34.2	27.1	40.7





#33

1,2-Dichloroethane-d4

Concen: 53.126 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012766.D

Acq: 08 Sep 2019 13:53

Instrument :

MSVOA_W

ClientSampled :

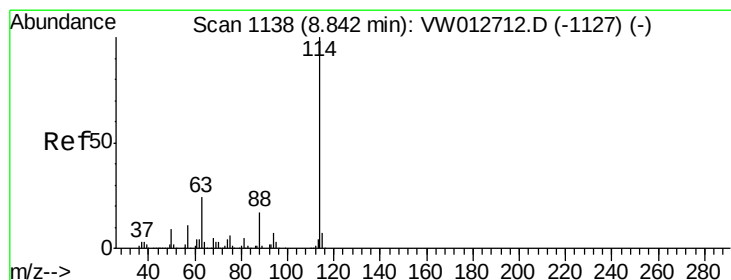
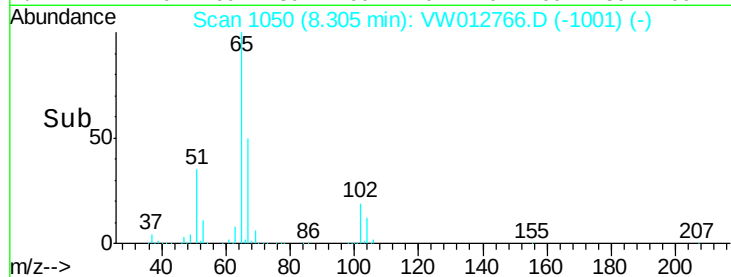
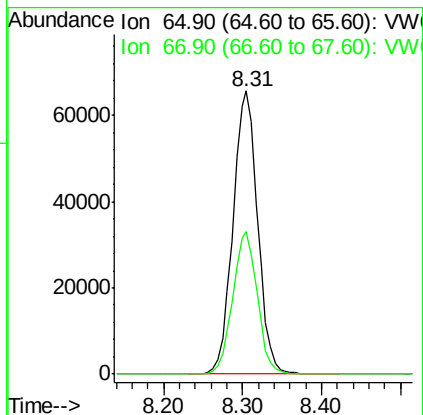
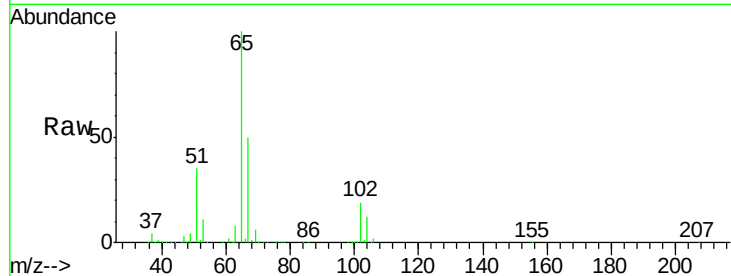
PAR-E1-(0)

Tot Ion: 65 Resp: 142275

Ion Ratio Lower Upper

65 100

67 50.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW012766.D

Acq: 08 Sep 2019 13:53

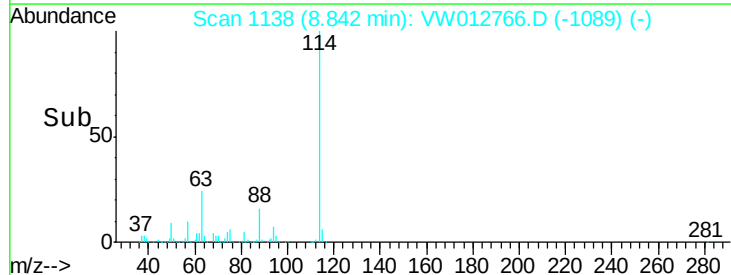
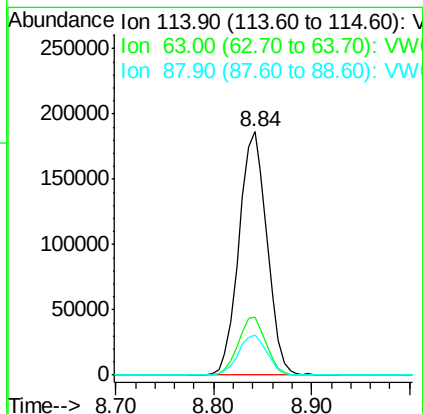
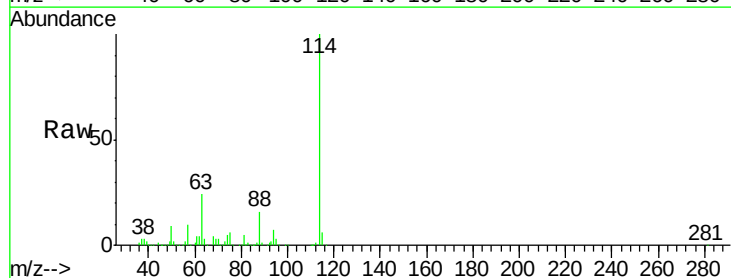
Tgt Ion: 114 Resp: 370871

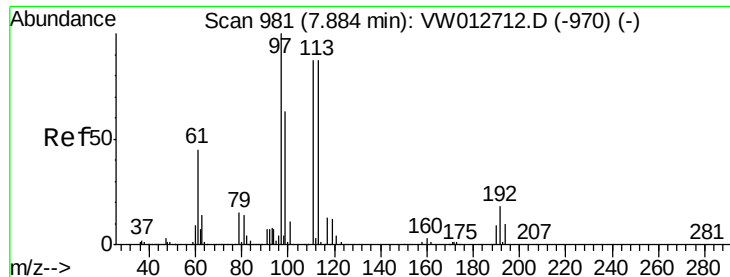
Ion Ratio Lower Upper

114 100

63 23.8 0.0 47.2

88 16.4 0.0 34.0





#35

Dibromofluoromethane

Concen: 50.055 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012766.D

Acq: 08 Sep 2019 13:53

Instrument :

MSVOA_W

ClientSampleId :

PAR-E1-(0)

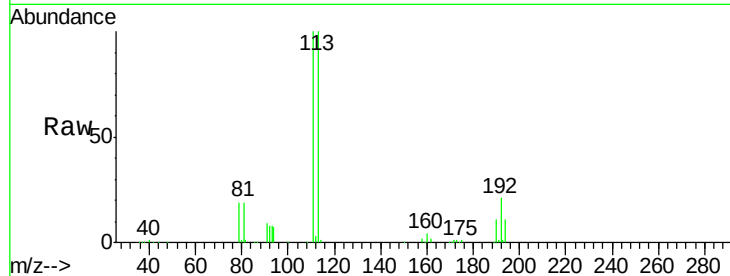
Tot Ion:113 Resp: 110367

Ion Ratio Lower Upper

113 100

111 101.2 80.2 120.4

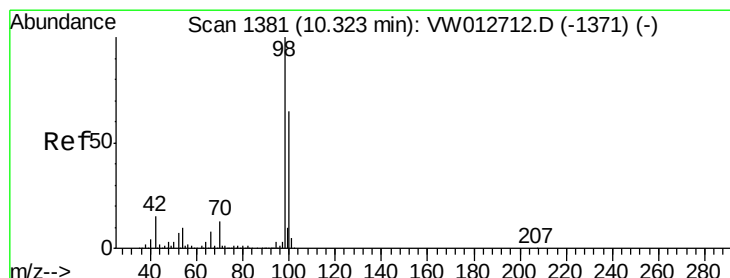
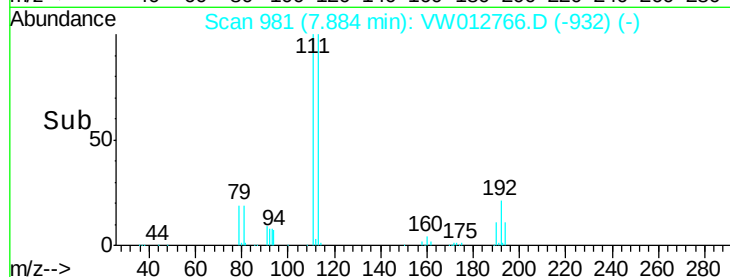
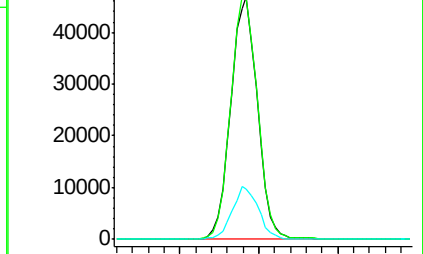
192 21.3 17.3 25.9



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: 48.991 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012766.D

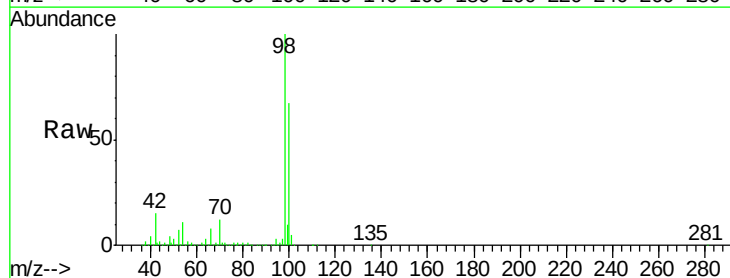
Acq: 08 Sep 2019 13:53

Tgt Ion: 98 Resp: 423208

Ion Ratio Lower Upper

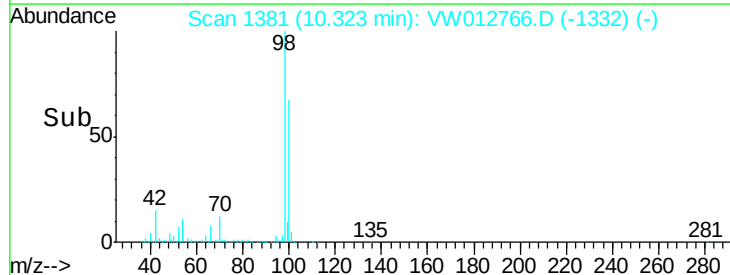
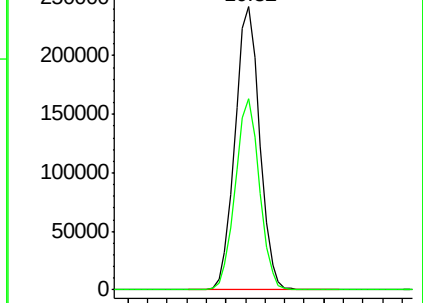
98 100

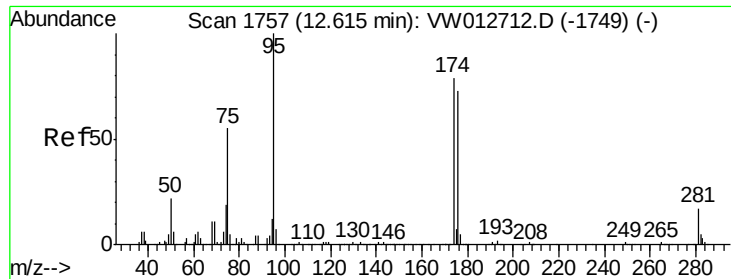
100 66.1 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 41.709 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012766.D

Acq: 08 Sep 2019 13:53

Instrument :

MSVOA_W

ClientSampleId :

PAR-E1-(0)

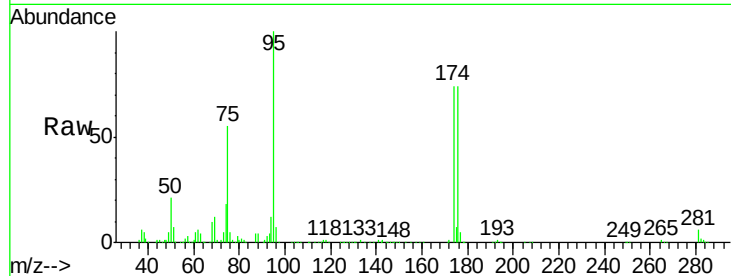
Tot Ion: 95 Resp: 130800

Ion Ratio Lower Upper

95 100

174 80.1 0.0 161.0

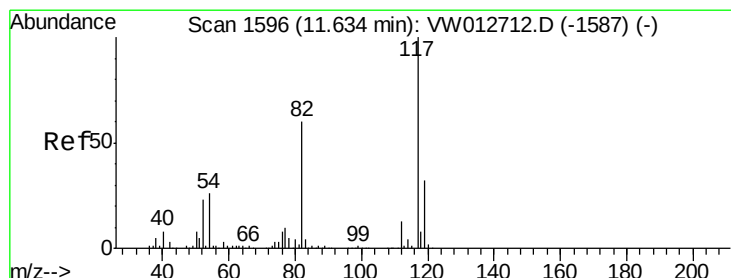
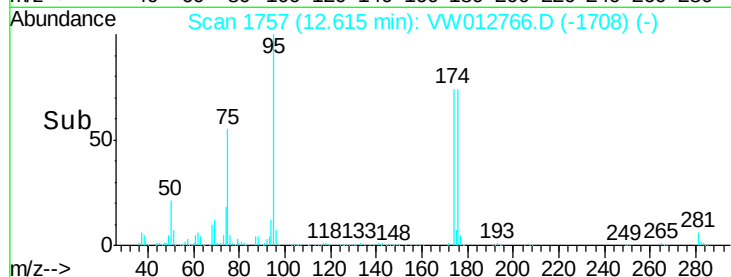
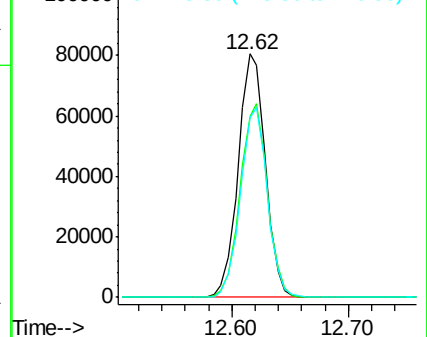
176 77.3 0.0 156.4



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: VW012766.D

Acq: 08 Sep 2019 13:53

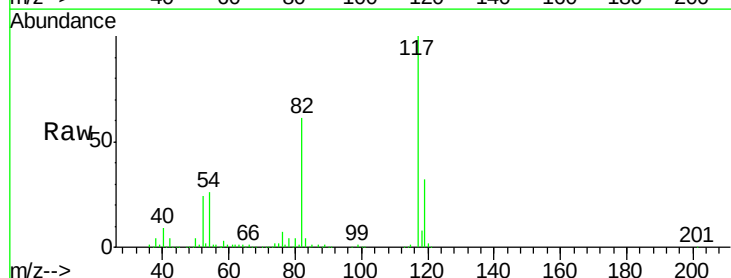
Tgt Ion: 117 Resp: 292605

Ion Ratio Lower Upper

117 100

82 60.6 48.2 72.4

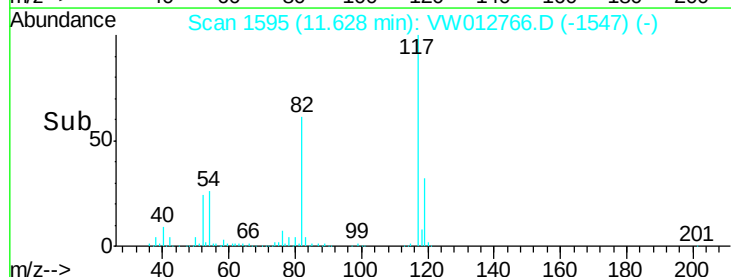
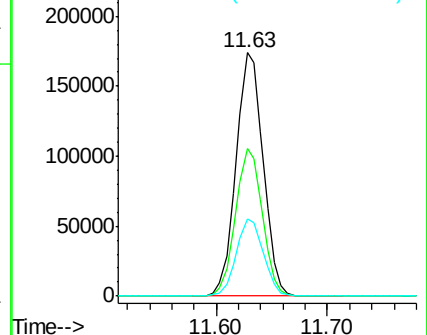
119 31.9 25.8 38.6

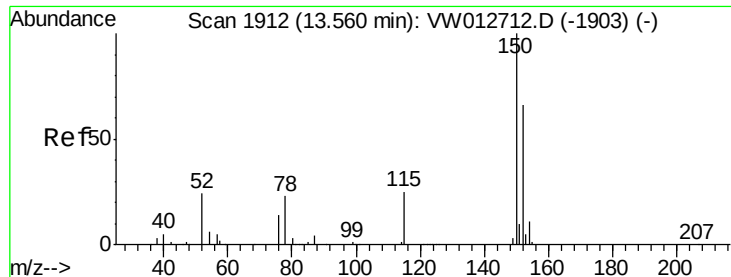


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW012766.D

Acq: 08 Sep 2019 13:53

Instrument :

MSVOA_W

ClientSampleId :

PAR-E1-(0)

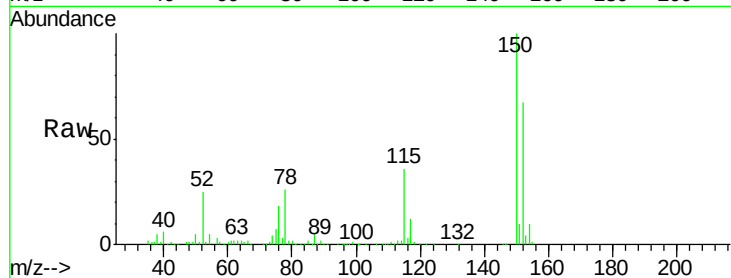
Tot Ion:152 Resp: 114849

Ion Ratio Lower Upper

152 100

115 57.8 30.0 90.1

150 155.2 0.0 349.0



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

