

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082619\
 Data File : VW012167.D
 Acq On : 26 Aug 2019 12:57
 Operator : SY/VA
 Sample : K4477-12
 Misc : 6.20G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2(3-4)

Quant Time: Aug 27 05:21:31 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

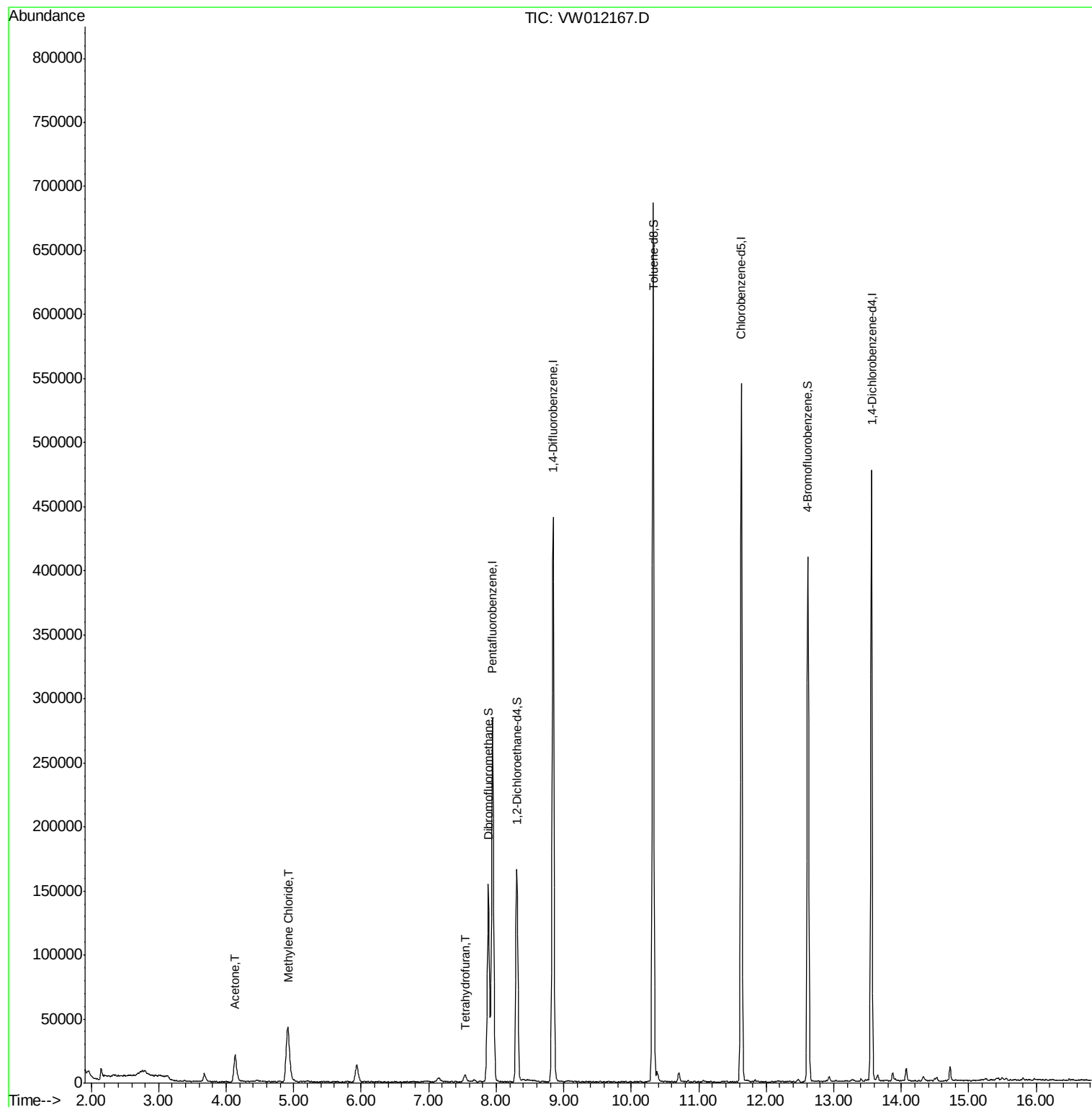
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	203551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	347350	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	287915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	115470	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	133154	55.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.06%	
35) Dibromofluoromethane	7.88	113	106519	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
50) Toluene-d8	10.32	98	423144	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.62	95	132406	44.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.36%	
Target Compounds						
16) Acetone	4.14	43	41311	66.789	ug/l	99
20) Methylene Chloride	4.92	84	33510	14.331	ug/l	98
29) Tetrahydrofuran	7.54	42	5238	10.387	ug/l	100

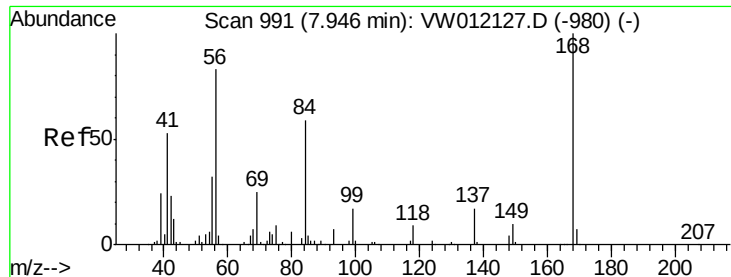
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082619\
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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: VW012167.D

Acq: 26 Aug 2019 12:57

Instrument :

MSVOA_W

ClientSampleId :

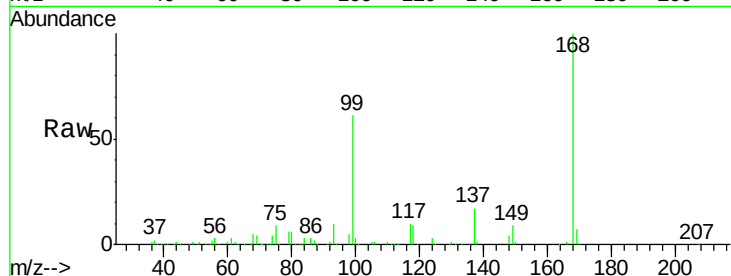
TP-2(3-4)

Tot Ion:168 Resp: 203551

Ion Ratio Lower Upper

168 100

99 61.1 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

100000

80000

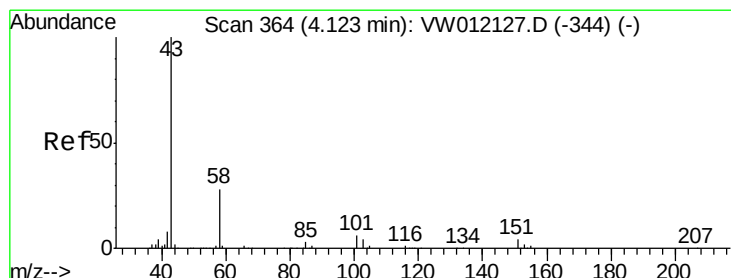
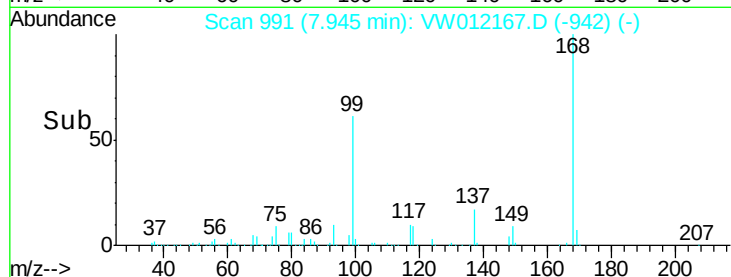
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 66.789 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012167.D

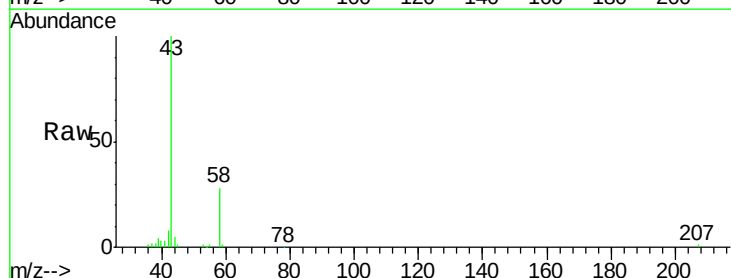
Acq: 26 Aug 2019 12:57

Tgt Ion: 43 Resp: 41311

Ion Ratio Lower Upper

43 100

58 27.2 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

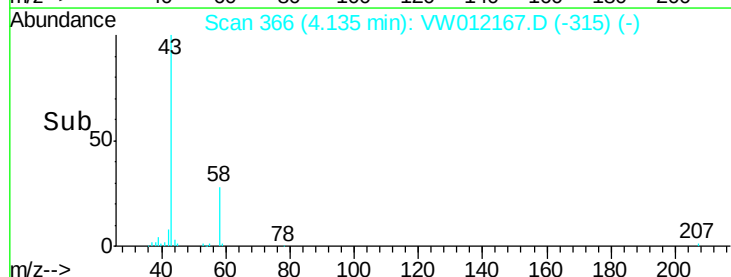
15000

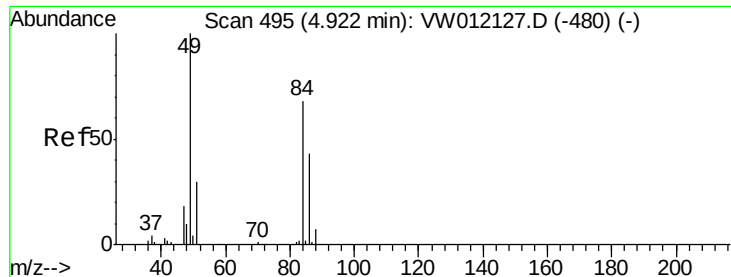
10000

5000

0

Time-->

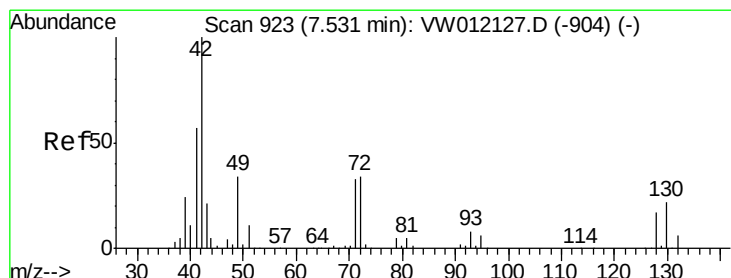
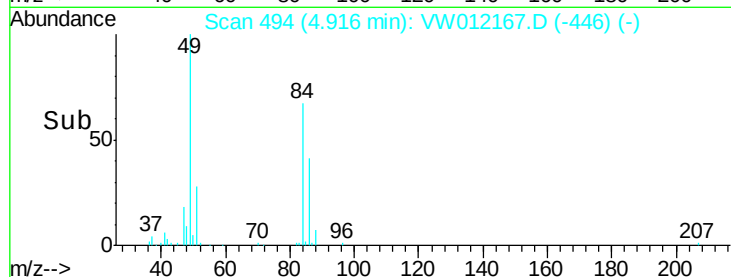
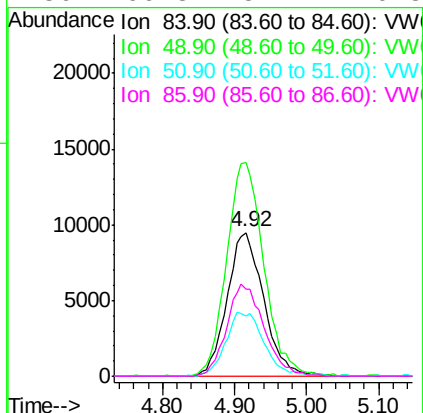
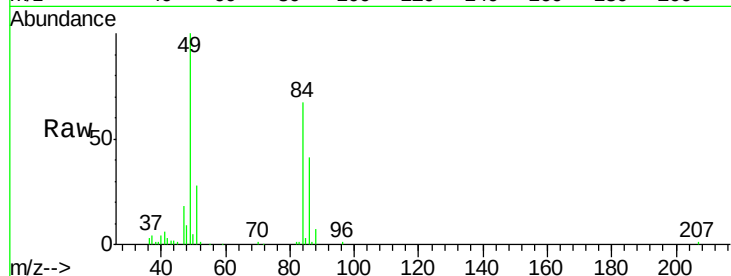




#20
Methylene Chloride
Concen: 14.331 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012167.D
Acq: 26 Aug 2019 12:57

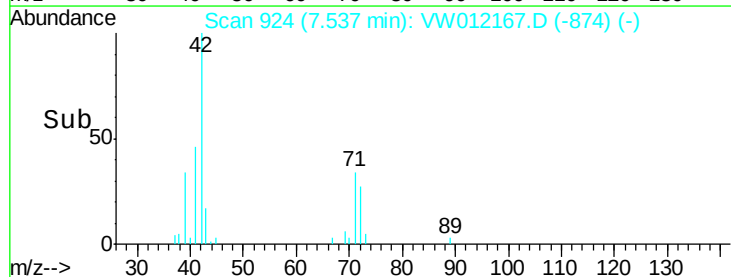
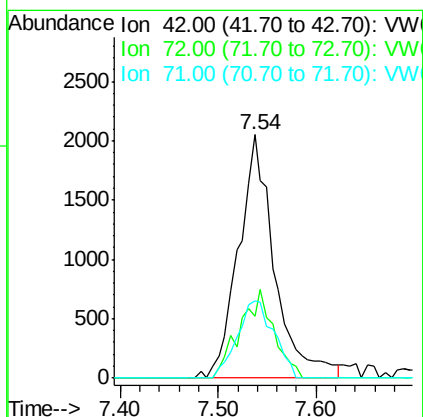
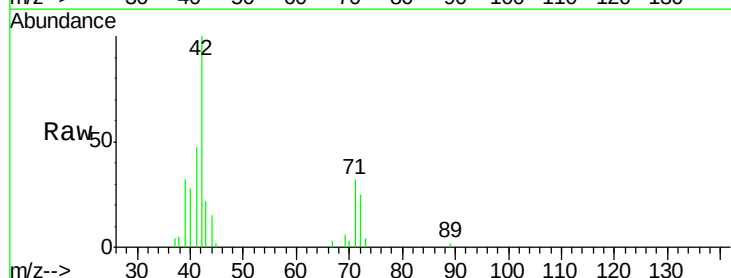
Instrument :
MSVOA_W
ClientSampleId :
TP-2(3-4)

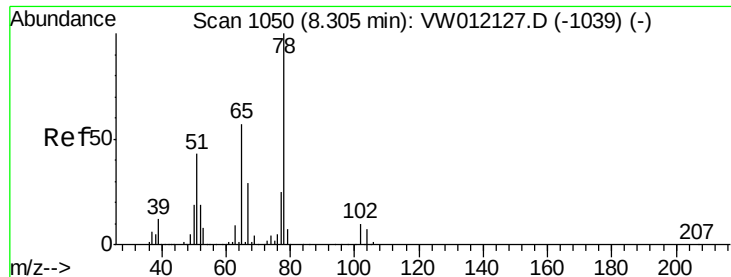
Tot Ion:	84	Resp:	33510
Ion	Ratio	Lower	Upper
84	100		
49	148.8	117.8	176.8
51	42.0	35.6	53.4
86	60.8	51.2	76.8



#29
Tetrahydrofuran
Concen: 10.387 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012167.D
Acq: 26 Aug 2019 12:57

Tgt Ion:	42	Resp:	5238
Ion	Ratio	Lower	Upper
42	100		
72	34.2	27.3	40.9
71	32.2	25.5	38.3

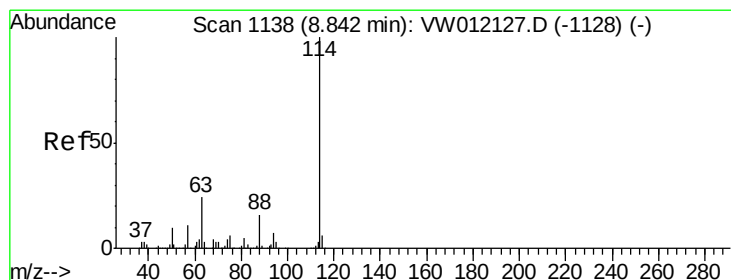
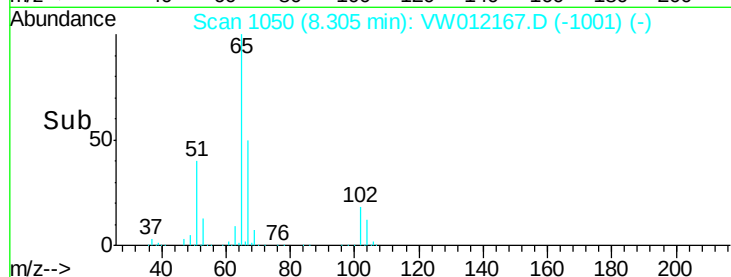
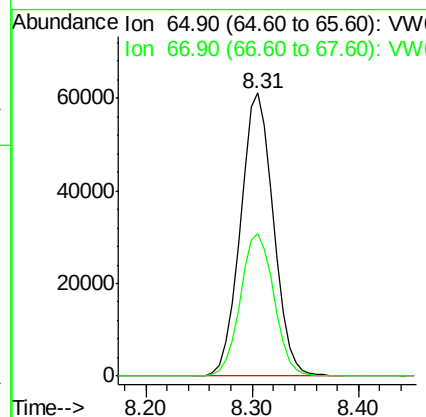
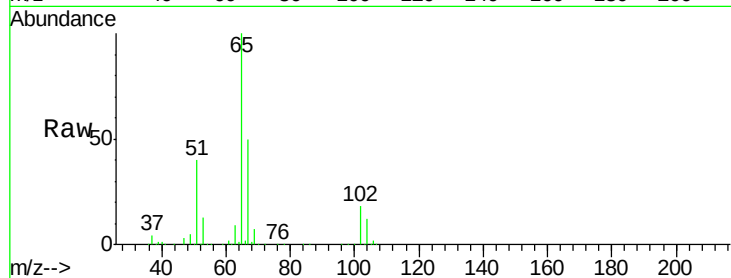




#33
 1,2-Dichloroethane-d4
 Concen: 55.029 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012167.D
 Acq: 26 Aug 2019 12:57

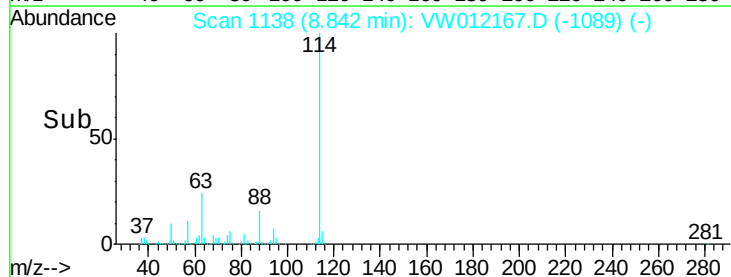
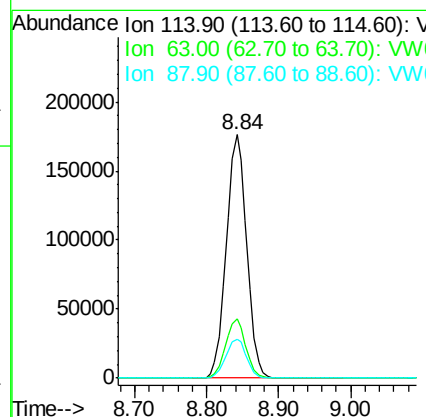
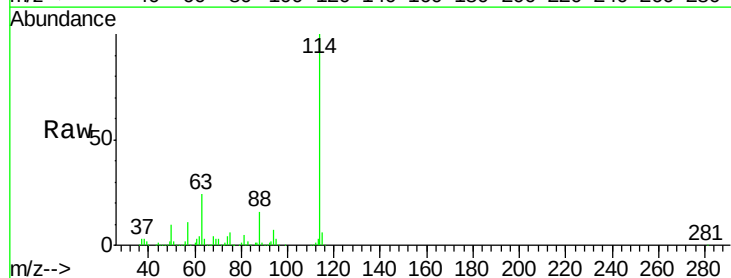
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2(3-4)

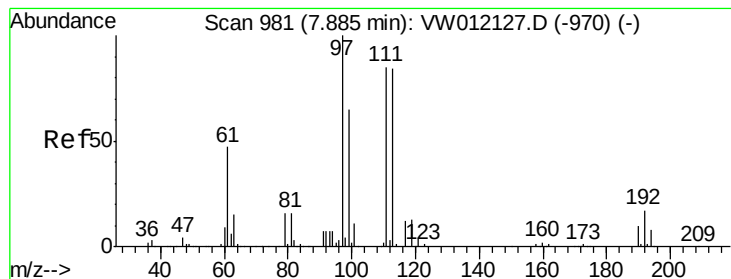
Tot Ion: 65 Resp: 133154
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012167.D
 Acq: 26 Aug 2019 12:57

Tgt Ion: 114 Resp: 347350
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 48.6
 88 16.0 0.0 32.2





#35

Dibromofluoromethane

Concen: 51.375 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012167.D

Acq: 26 Aug 2019 12:57

Instrument :

MSVOA_W

ClientSampleId :

TP-2(3-4)

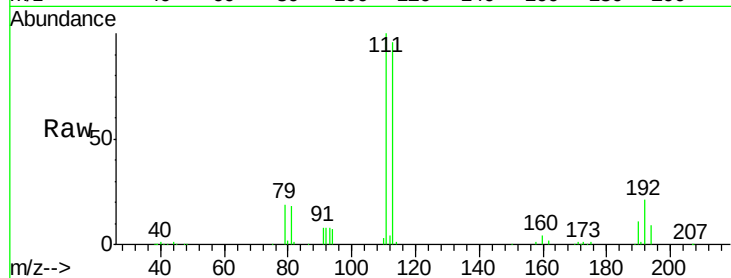
Tot Ion:113 Resp: 106519

Ion Ratio Lower Upper

113 100

111 104.0 82.7 124.1

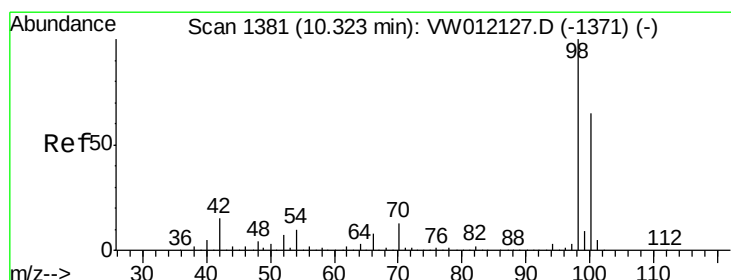
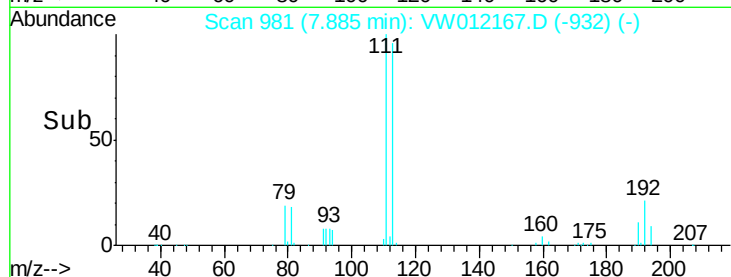
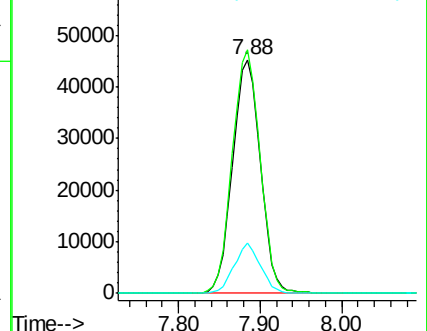
192 20.2 16.2 24.2



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: 50.334 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012167.D

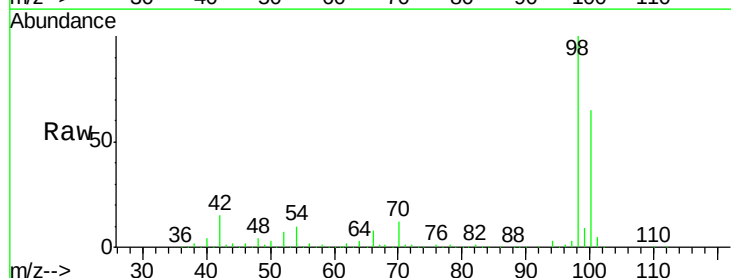
Acq: 26 Aug 2019 12:57

Tgt Ion: 98 Resp: 423144

Ion Ratio Lower Upper

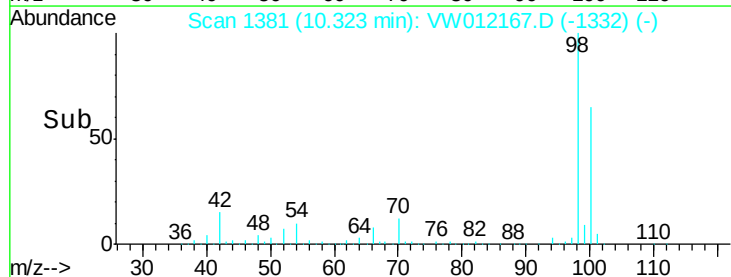
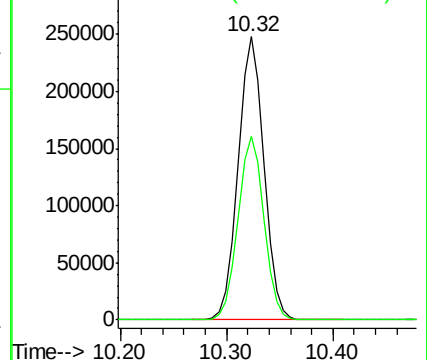
98 100

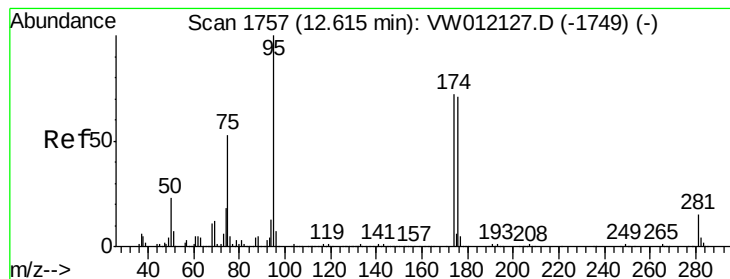
100 65.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 44.681 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012167.D

Acq: 26 Aug 2019 12:57

Instrument :

MSVOA_W

ClientSampleId :

TP-2(3-4)

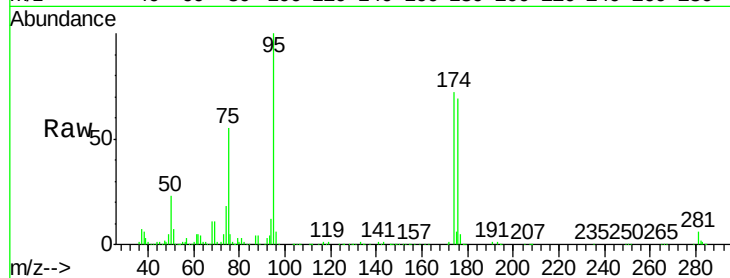
Tot Ion: 95 Resp: 132406

Ion Ratio Lower Upper

95 100

174 76.7 0.0 150.8

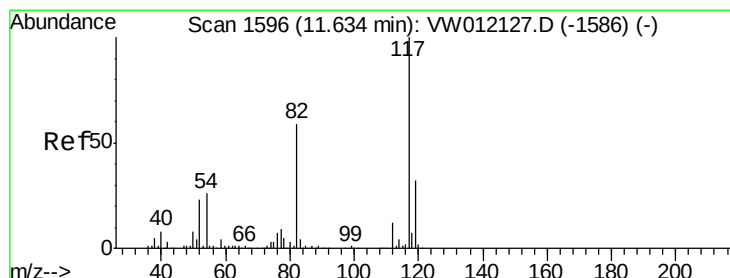
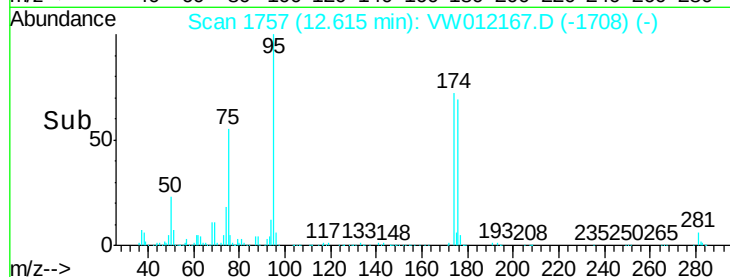
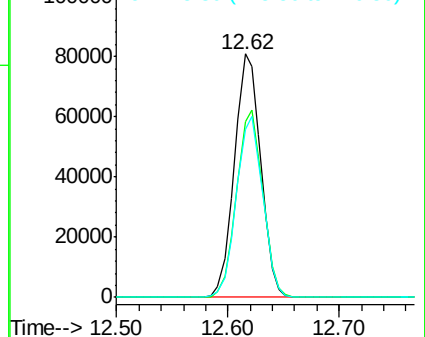
176 74.2 0.0 148.6



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: VW012167.D

Acq: 26 Aug 2019 12:57

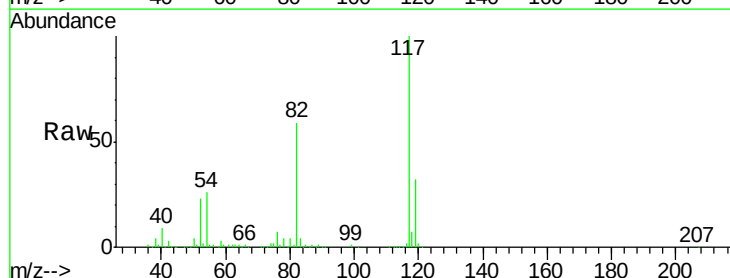
Tgt Ion: 117 Resp: 287915

Ion Ratio Lower Upper

117 100

82 58.8 47.4 71.2

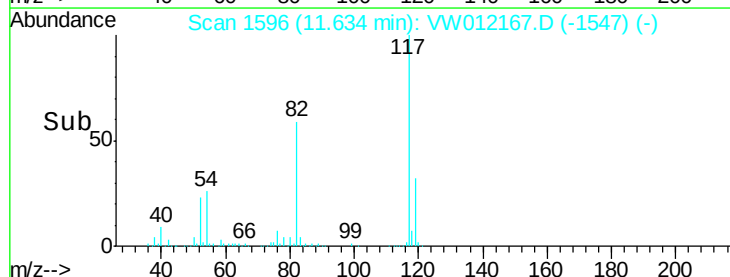
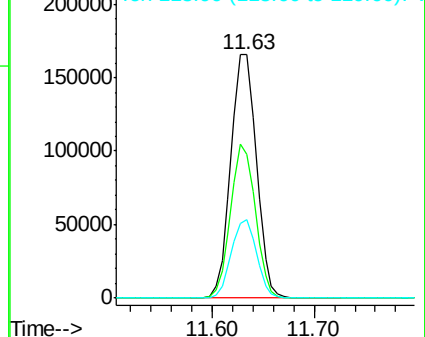
119 32.1 25.4 38.2

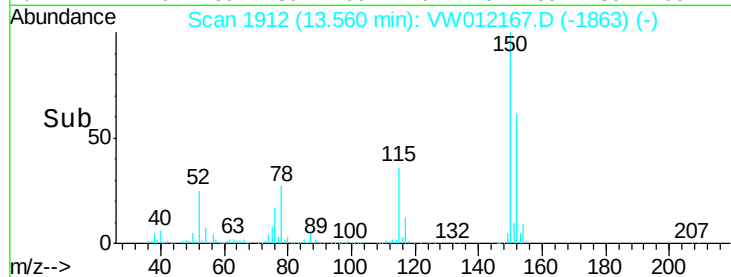
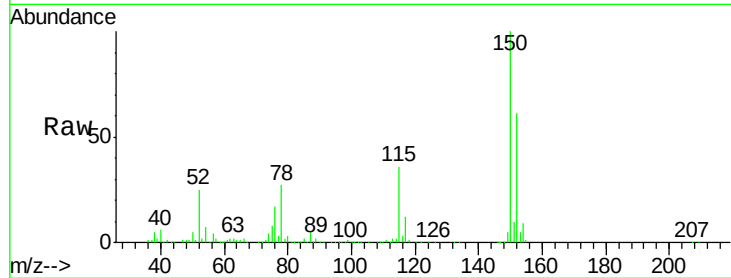
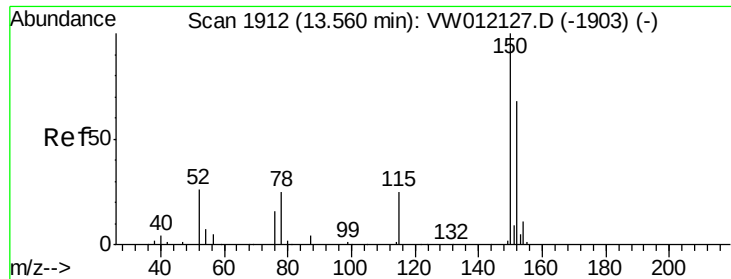


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW012167.D

Acq: 26 Aug 2019 12:57

Instrument :

MSVOA_W

ClientSampleId :

TP-2(3-4)

Tot Ion:152 Resp: 115470

Ion Ratio Lower Upper

152 100

115 60.9 30.1 90.3

150 160.0 0.0 345.8

