

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011419\
 Data File : VW008273.D
 Acq On : 15 Jan 2019 04:57
 Operator : SY/VA
 Sample : K1142-02RE
 Misc : 3.26G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9ARE

Quant Time: Jan 15 11:47:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

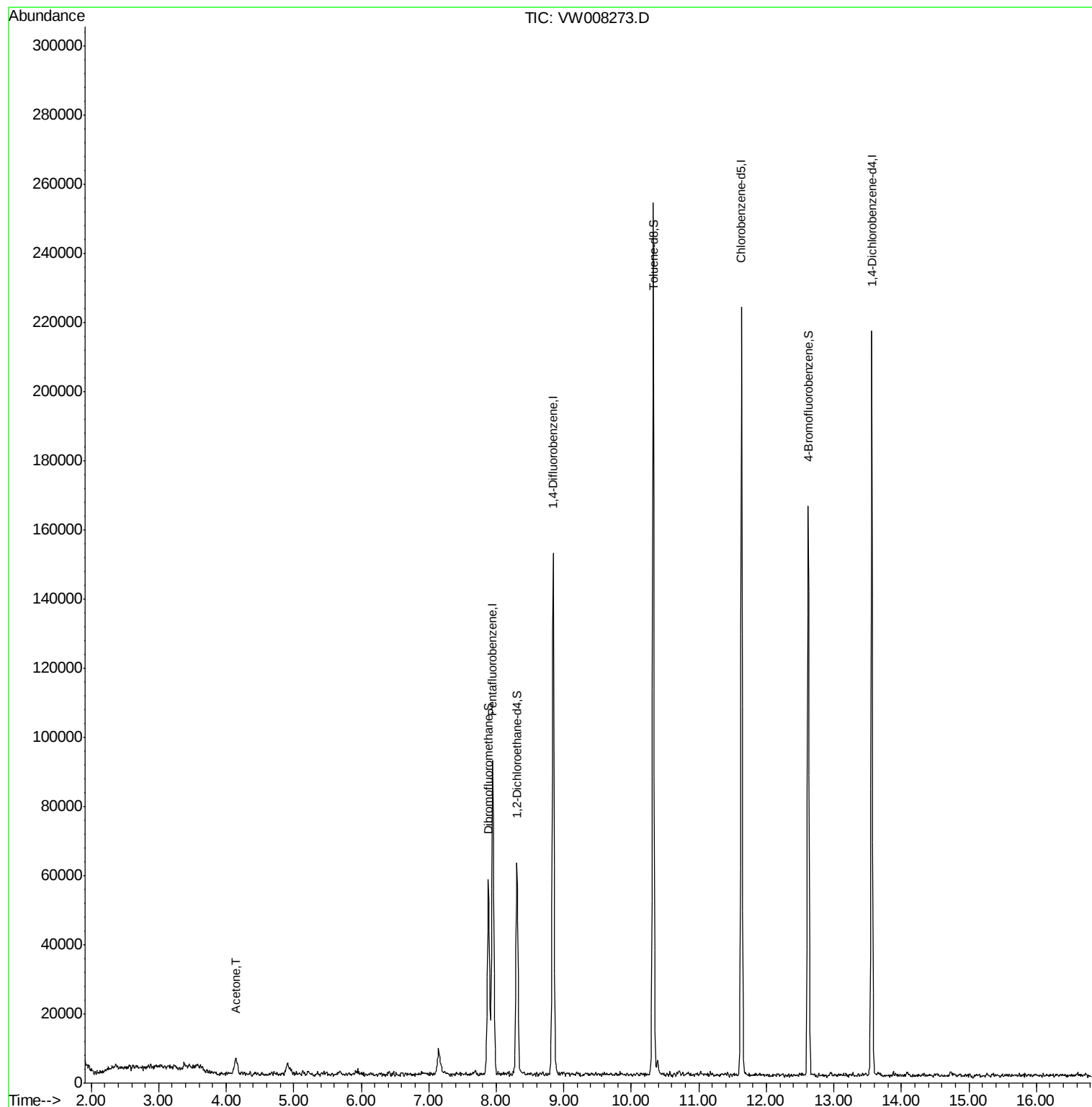
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	60677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	119135	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	115682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	51895	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	43302	63.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.00%	
35) Dibromofluoromethane	7.88	113	38368	55.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.44%	
50) Toluene-d8	10.32	98	161849	55.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.02%	
62) 4-Bromofluorobenzene	12.62	95	52753	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
Target Compounds						
16) Acetone	4.14	43	10181	67.626	ug/l #	Qvalue 83

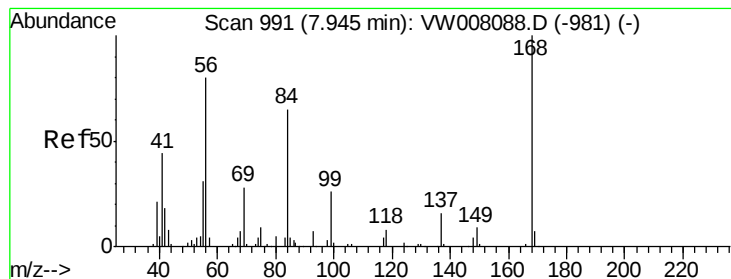
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

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Acq: 15 Jan 2019 04:57

Instrument :

MSVOA_W

ClientSampleId :

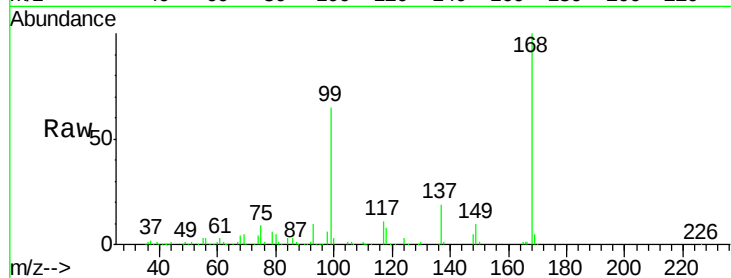
FK-BPM-01-D9-E9-D9A-E9ARE

Tot Ion:168 Resp: 60677

Ion Ratio Lower Upper

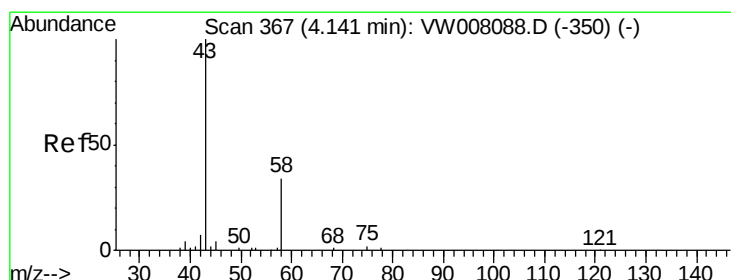
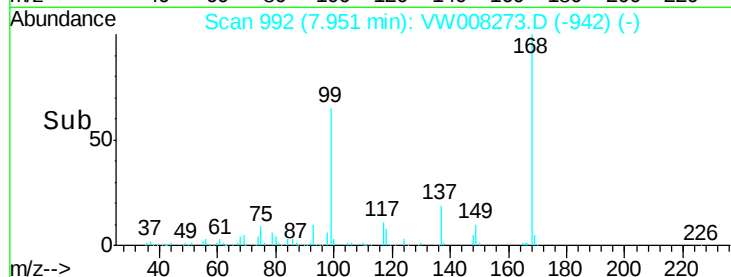
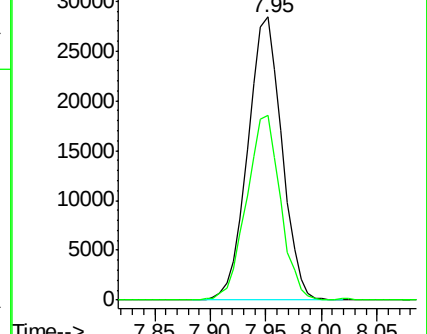
168 100

99 65.3 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 67.626 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW008273.D

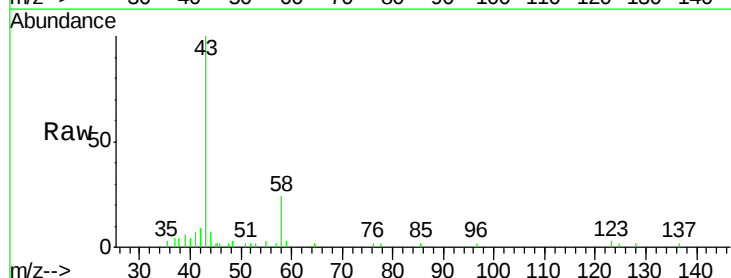
Acq: 15 Jan 2019 04:57

Tgt Ion: 43 Resp: 10181

Ion Ratio Lower Upper

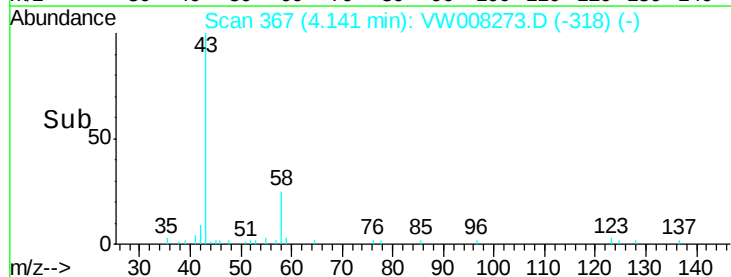
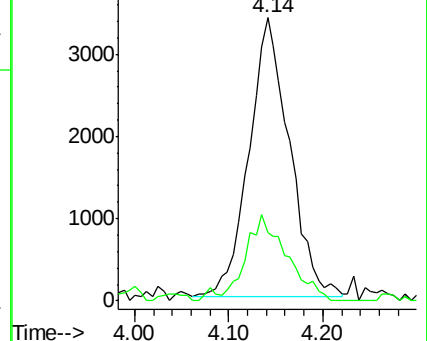
43 100

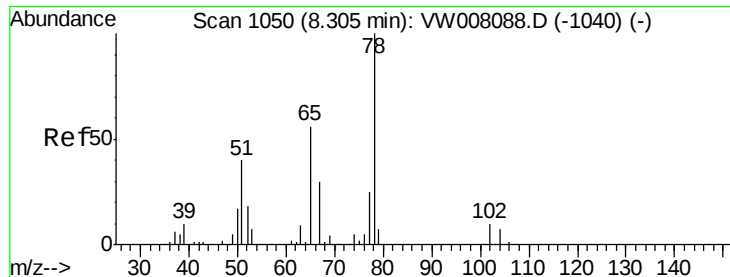
58 24.5 27.5 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#33

1,2-Dichloroethane-d4

Concen: 63.497 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008273.D

Acq: 15 Jan 2019 04:57

Instrument :

MSVOA_W

ClientSampleId :

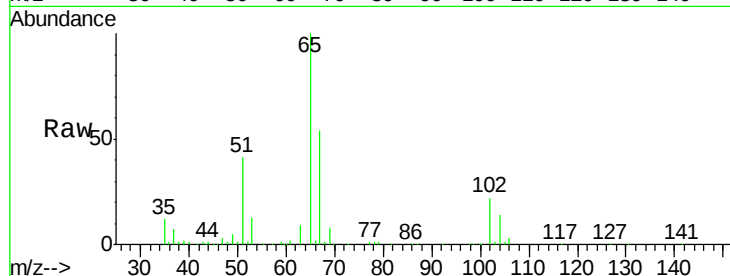
FK-BPM-01-D9-E9-D9A-E9ARE

Tot Ion: 65 Resp: 43302

Ion Ratio Lower Upper

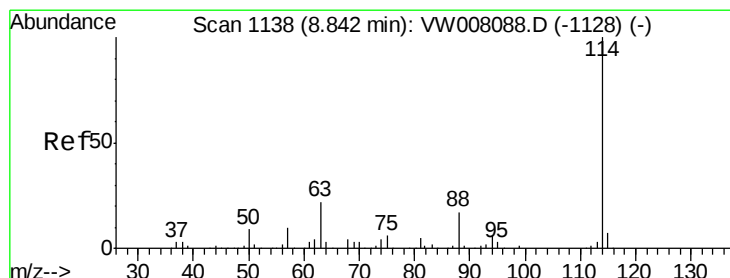
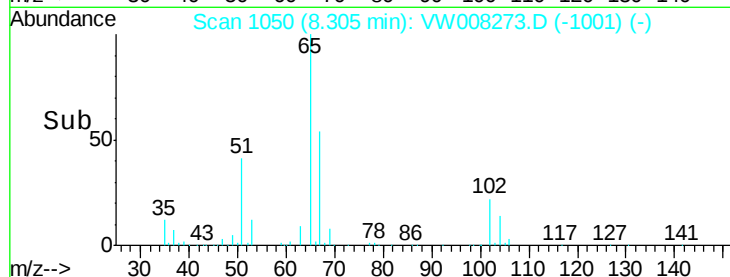
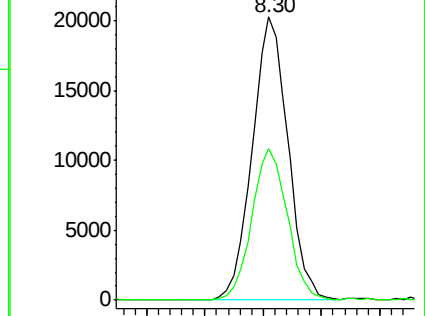
65 100

67 53.2 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008273.D

Acq: 15 Jan 2019 04:57

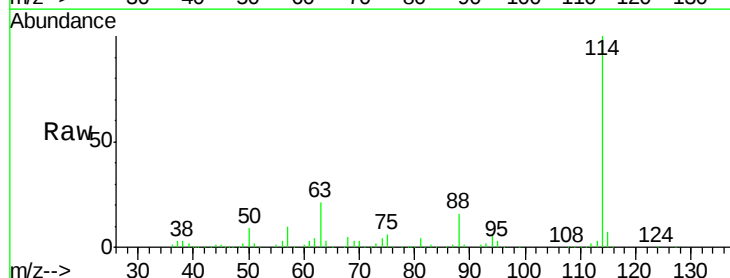
Tgt Ion: 114 Resp: 119135

Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.4

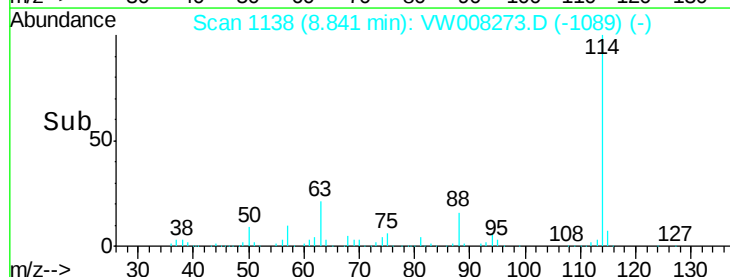
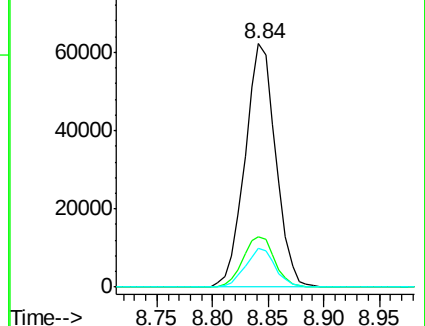
88 15.8 0.0 33.4

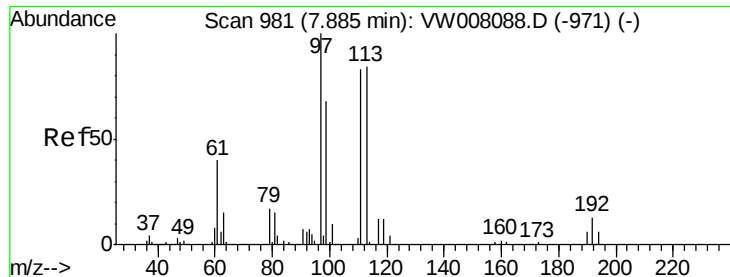


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 55.218 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008273.D

Acq: 15 Jan 2019 04:57

Instrument :

MSVOA_W

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9ARE

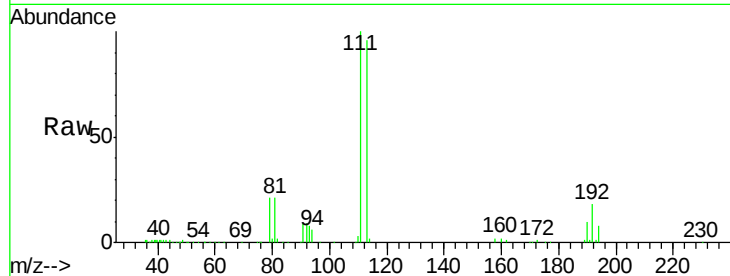
Tot Ion:113 Resp: 38368

Ion Ratio Lower Upper

113 100

111 103.5 81.8 122.8

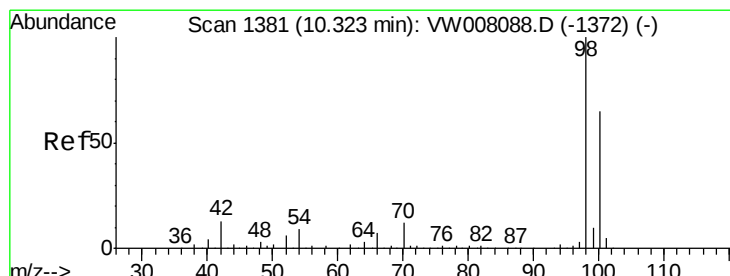
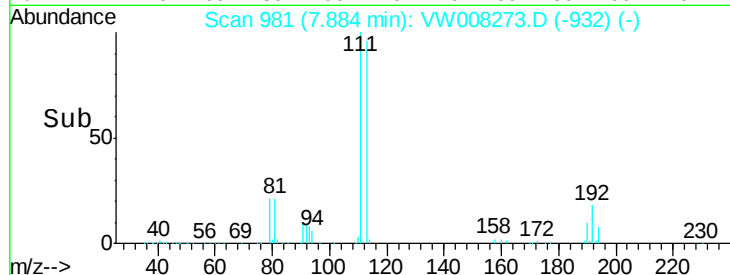
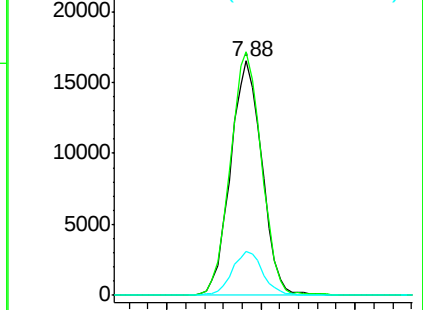
192 18.0 12.8 19.2



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: 55.507 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008273.D

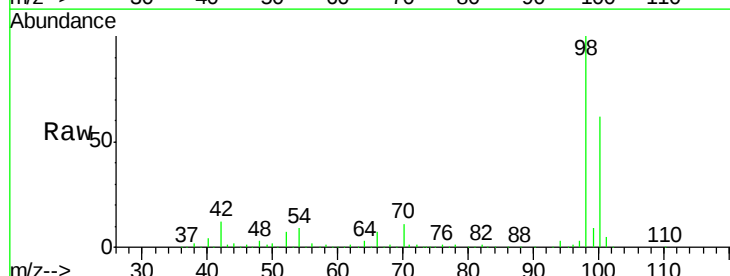
Acq: 15 Jan 2019 04:57

Tgt Ion: 98 Resp: 161849

Ion Ratio Lower Upper

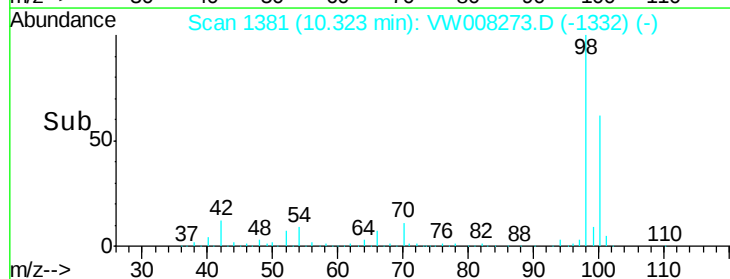
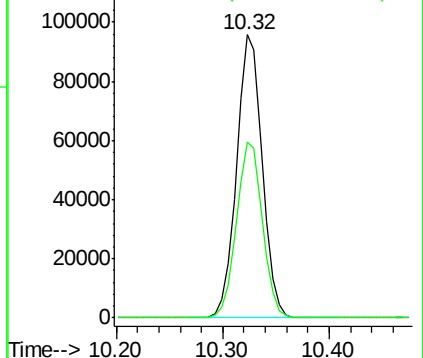
98 100

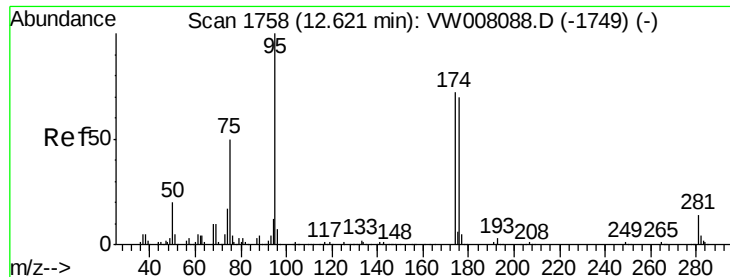
100 63.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 50.466 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008273.D

Acq: 15 Jan 2019 04:57

Instrument :

MSVOA_W

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9ARE

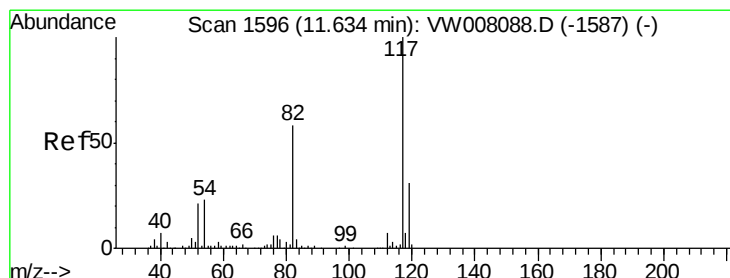
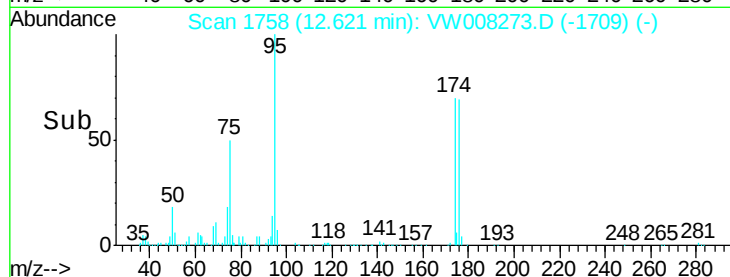
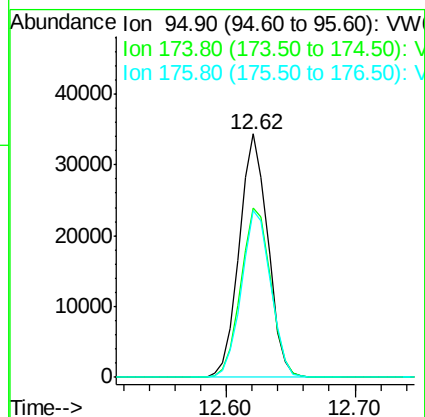
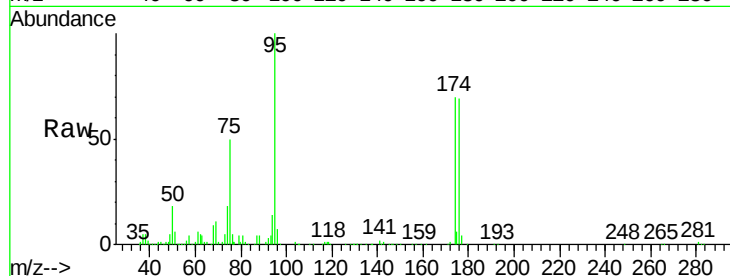
Tot Ion: 95 Resp: 52753

Ion Ratio Lower Upper

95 100

174 72.8 0.0 143.0

176 70.2 0.0 140.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW008273.D

Acq: 15 Jan 2019 04:57

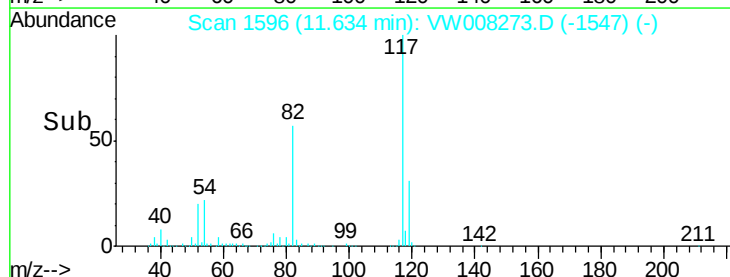
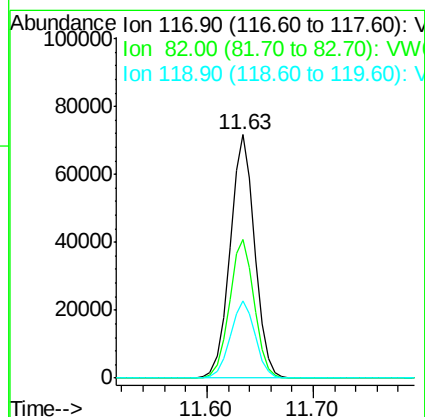
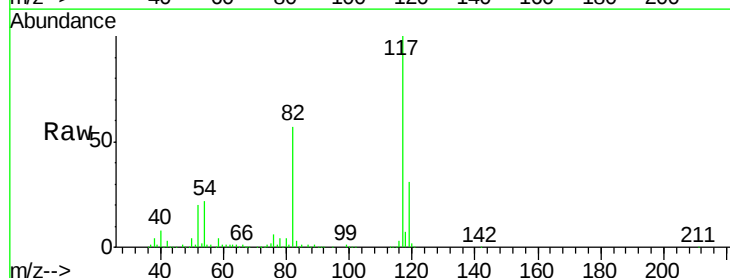
Tgt Ion: 117 Resp: 115682

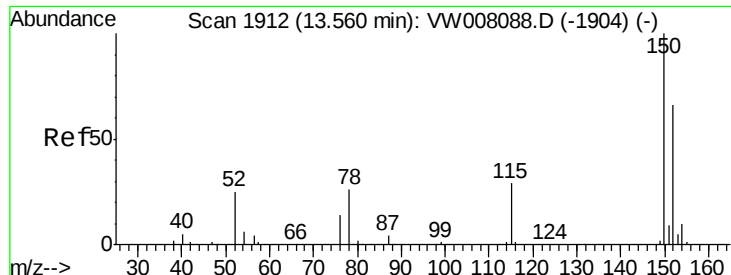
Ion Ratio Lower Upper

117 100

82 57.0 46.4 69.6

119 31.5 24.7 37.1

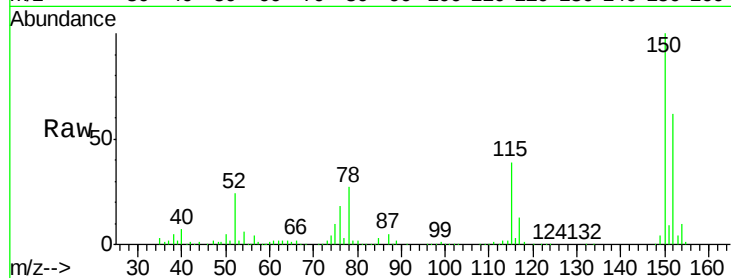




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW008273.D
 Acq: 15 Jan 2019 04:57

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9ARE

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.6	30.8	92.4
150	159.9	0.0	350.2



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

