

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012519\
 Data File : VW008427.D
 Acq On : 25 Jan 2019 22:19
 Operator : SY/VA
 Sample : K1258-02
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-01-AA01-BB01-AA01A-AA0

Quant Time: Jan 28 04:32:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

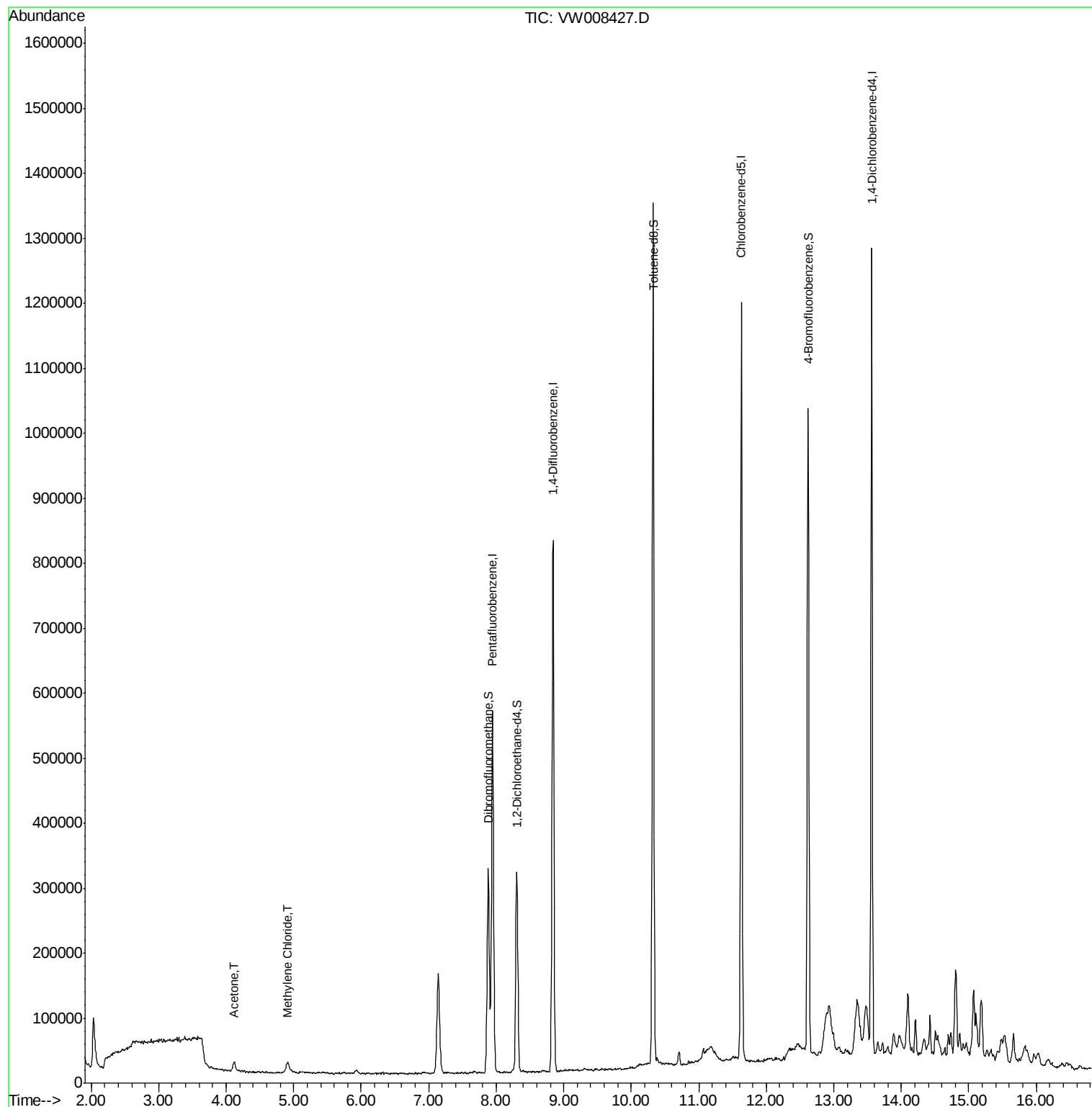
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	429497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	698341	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	634225	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	316119	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	239774	56.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.66%	
35) Dibromofluoromethane	7.88	113	224500	54.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.96%	
50) Toluene-d8	10.32	98	848132	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
62) 4-Bromofluorobenzene	12.62	95	319076	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
Target Compounds						
16) Acetone	4.12	43	26422	27.885	ug/l	99
20) Methylene Chloride	4.91	84	12396	2.838	ug/l	94

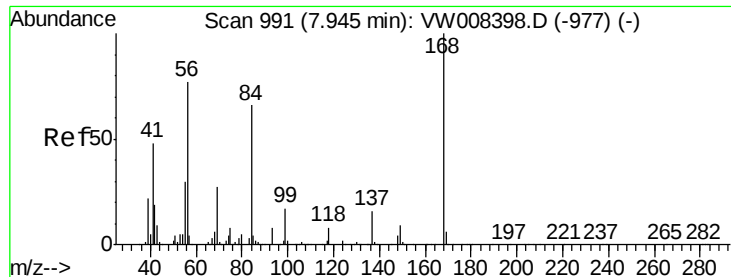
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008427.D

Acq: 25 Jan 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

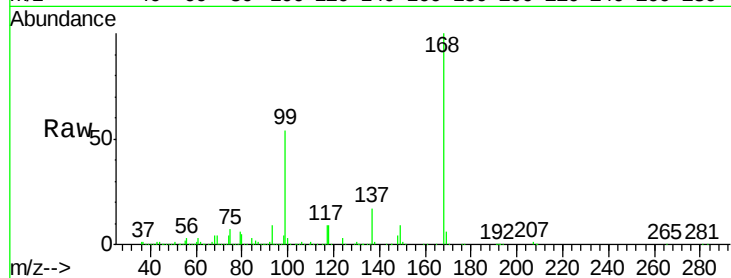
FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion:168 Resp: 429497

Ion Ratio Lower Upper

168 100

99 54.3 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

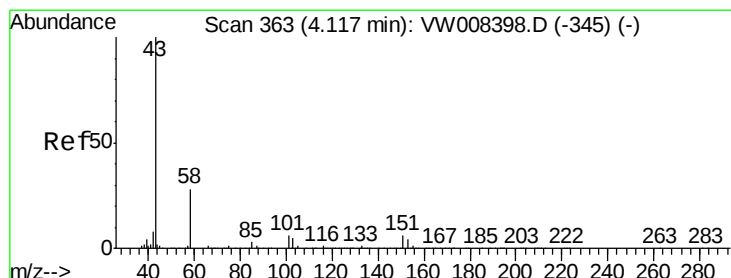
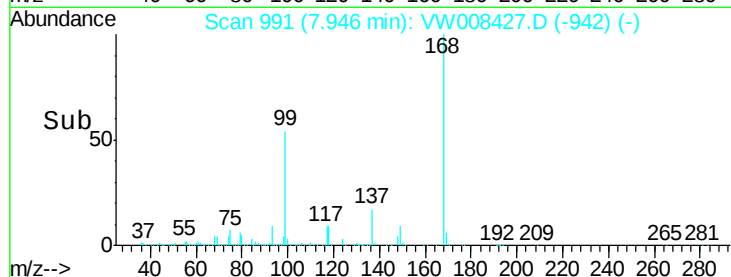
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 27.885 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008427.D

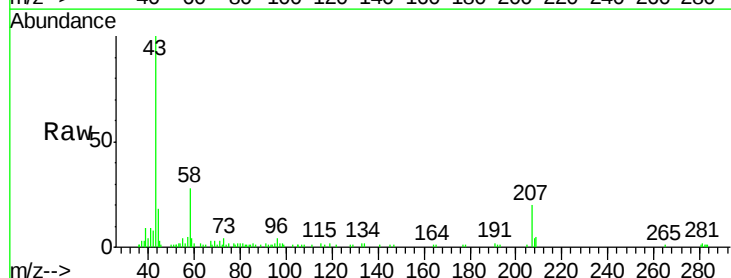
Acq: 25 Jan 2019 22:19

Tgt Ion: 43 Resp: 26422

Ion Ratio Lower Upper

43 100

58 28.7 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

12000

10000

8000

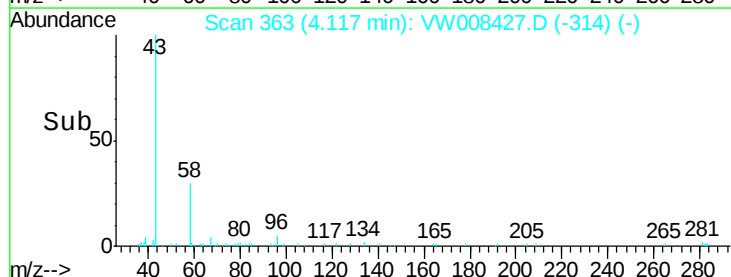
6000

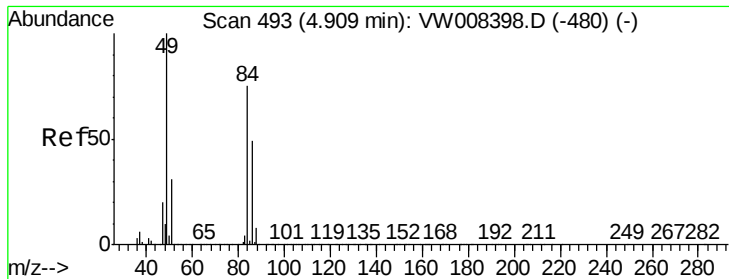
4000

2000

0

Time--> 4.00 4.05 4.10 4.15 4.20

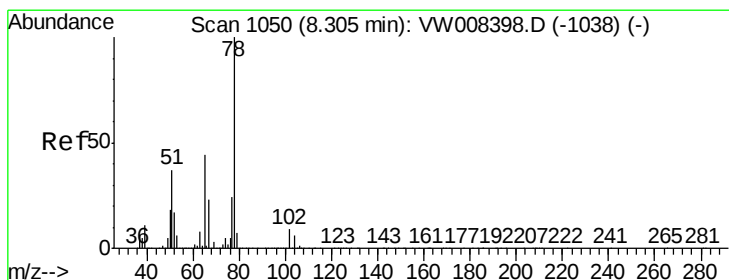
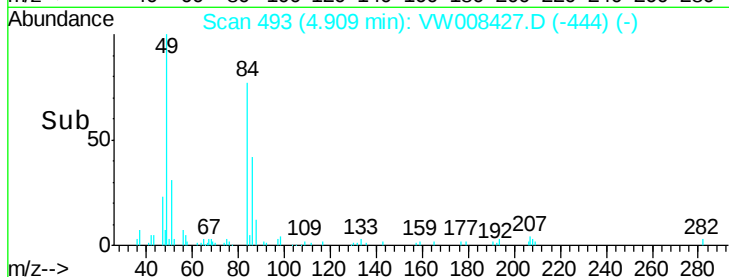
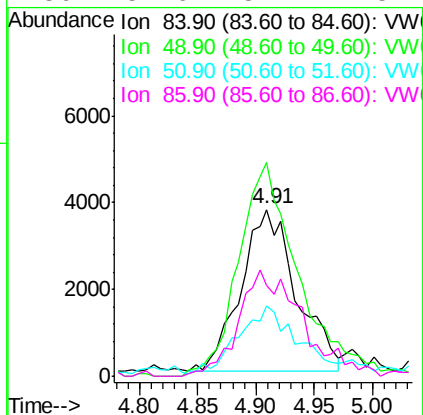
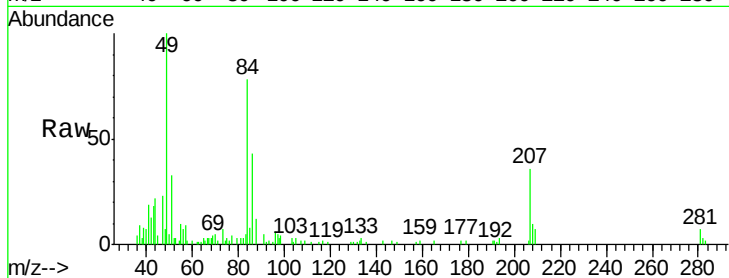




#20
Methvlene Chloride
Concen: 2.838 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008427.D
Acq: 25 Jan 2019 22:19

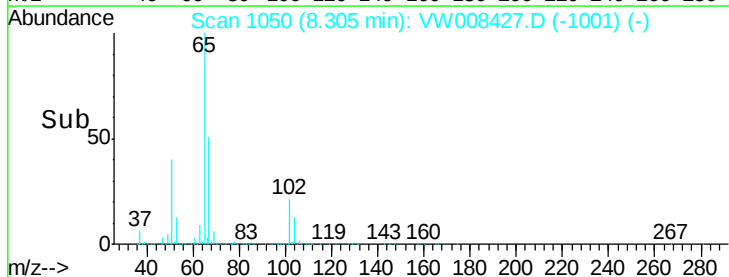
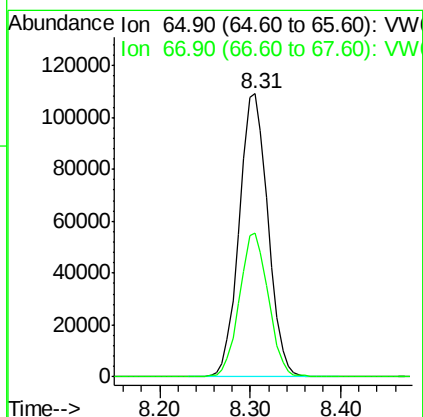
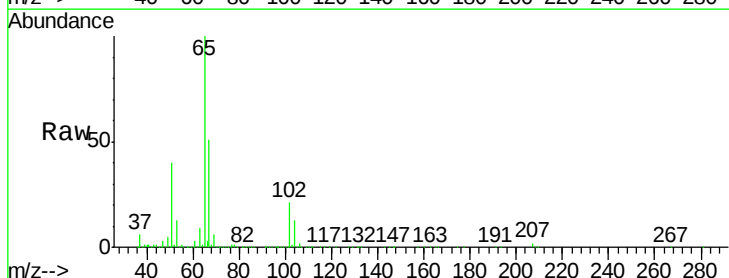
Instrument :
MSVOA_W
ClientSampleId :
FK-BPM-01-AA01-BB01-AA01A-AA0

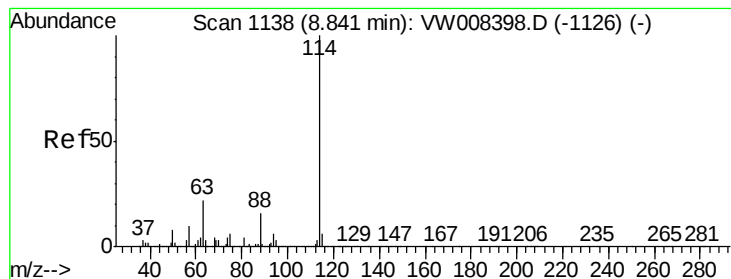
Tot Ion:	84	Resp:	12396
Ion	Ratio	Lower	Upper
84	100		
49	128.0	106.8	160.2
51	41.4	32.9	49.3
86	54.6	52.2	78.2



#33
1,2-Dichloroethane-d4
Concen: 56.826 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008427.D
Acq: 25 Jan 2019 22:19

Tgt Ion:	65	Resp:	239774
Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008427.D

Acq: 25 Jan 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

FK-BPM-01-AA01-BB01-AA01A-AA0

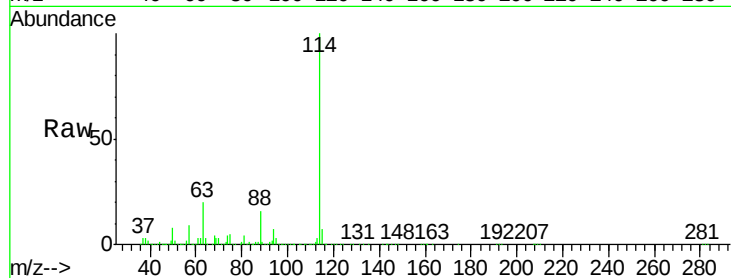
Tot Ion:114 Resp: 698341

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.6

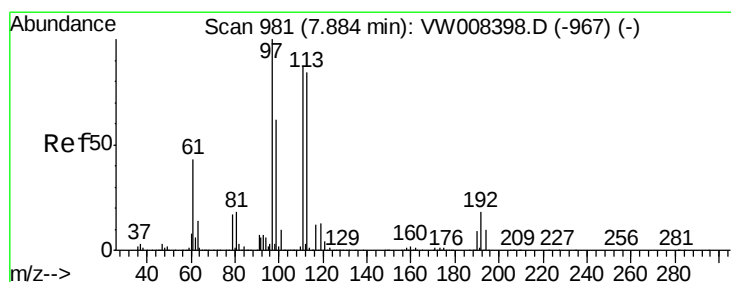
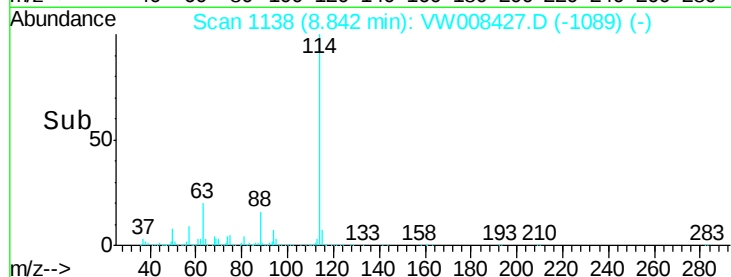
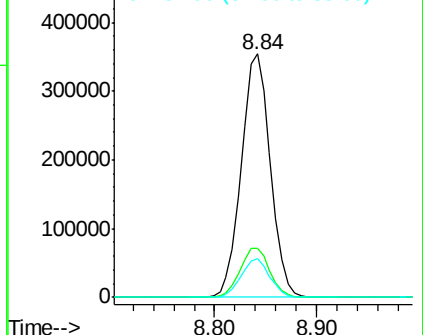
88 15.7 0.0 31.8



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: 54.978 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008427.D

Acq: 25 Jan 2019 22:19

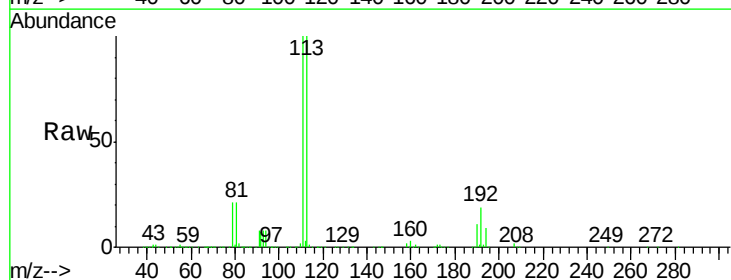
Tgt Ion:113 Resp: 224500

Ion Ratio Lower Upper

113 100

111 100.7 81.0 121.4

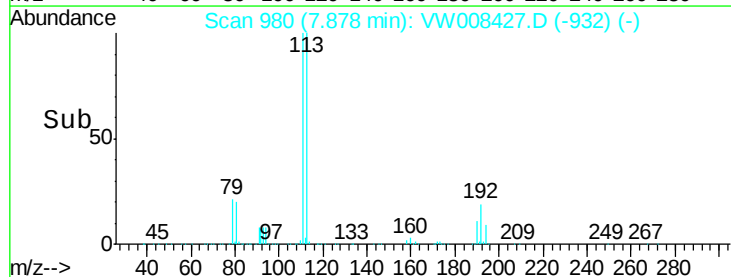
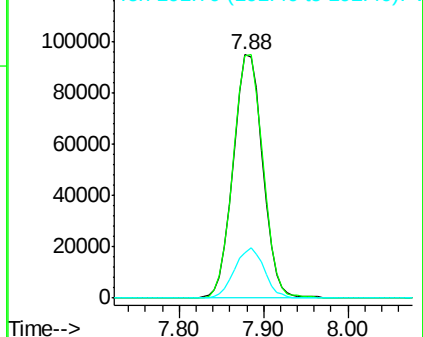
192 20.8 16.8 25.2

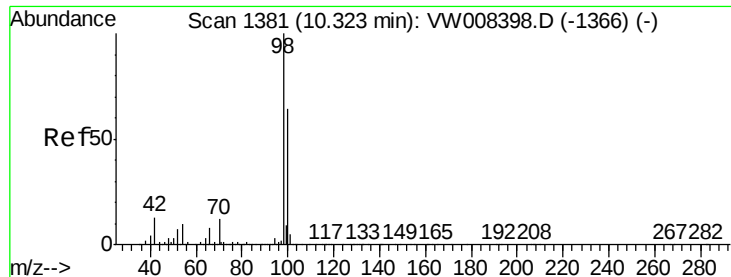


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.795 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008427.D

Acq: 25 Jan 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

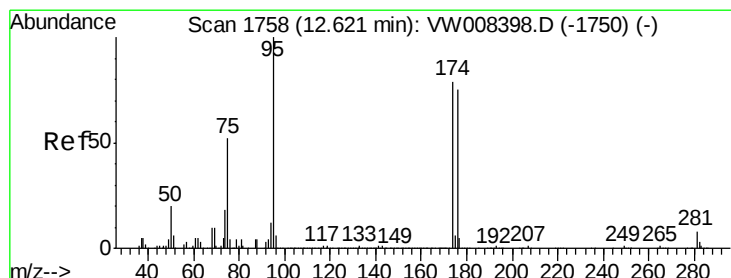
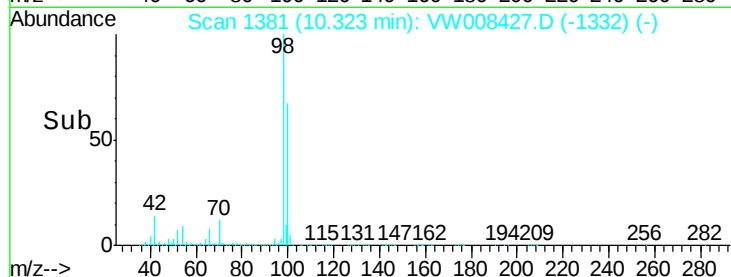
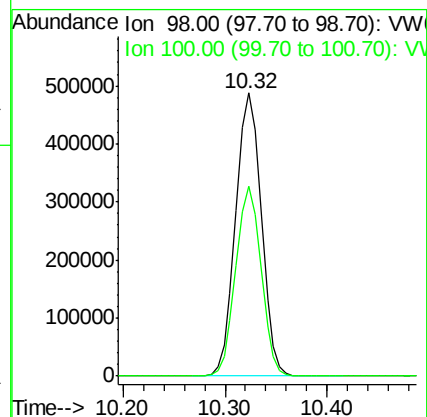
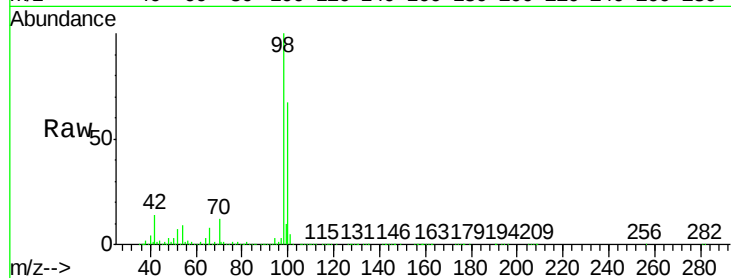
FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion: 98 Resp: 848132

Ion Ratio Lower Upper

98 100

100 66.2 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 50.694 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008427.D

Acq: 25 Jan 2019 22:19

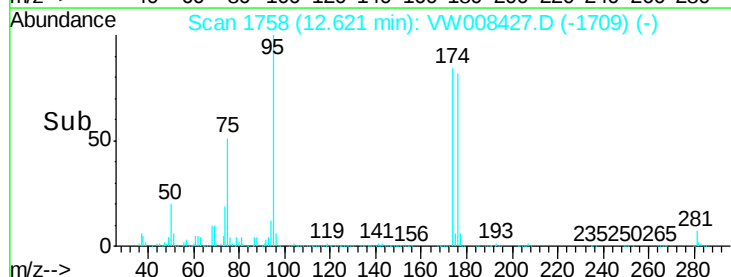
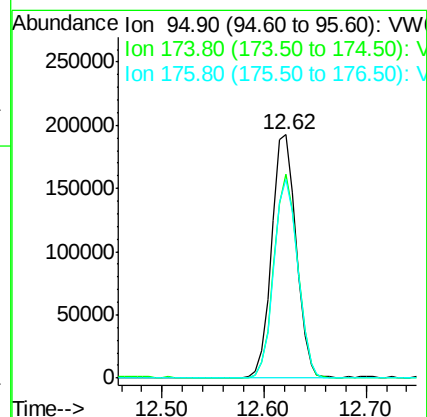
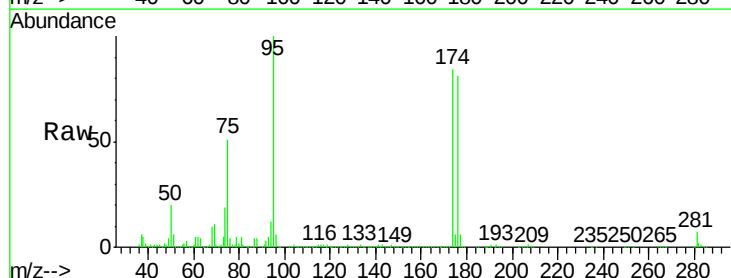
Tgt Ion: 95 Resp: 319076

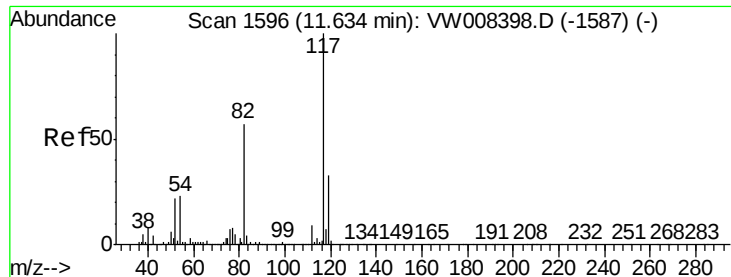
Ion Ratio Lower Upper

95 100

174 81.1 0.0 157.6

176 80.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008427.D

Acq: 25 Jan 2019 22:19

Instrument :

MSVOA_W

ClientSampleId :

FK-BPM-01-AA01-BB01-AA01A-AA0

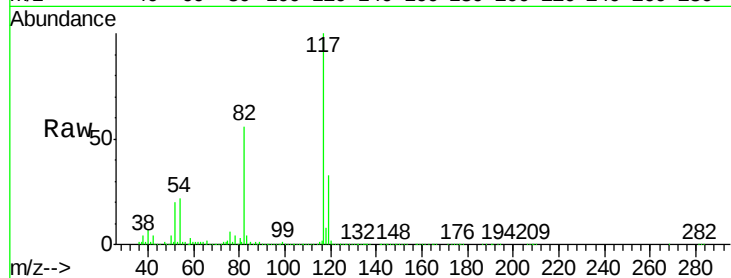
Tot Ion:117 Resp: 634225

Ion Ratio Lower Upper

117 100

82 55.6 45.4 68.0

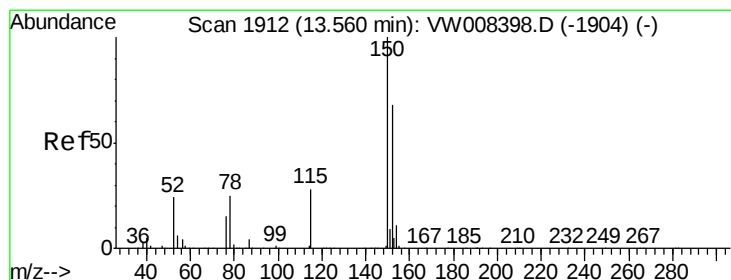
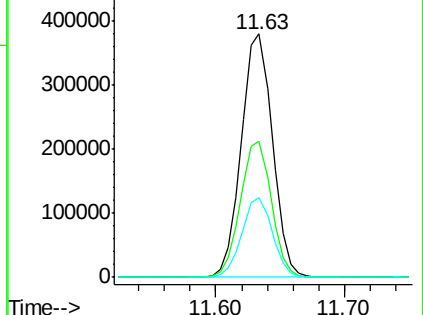
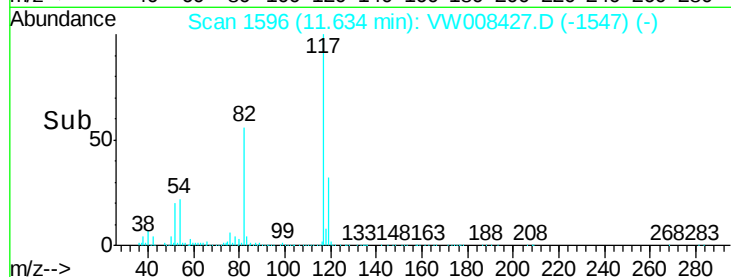
119 32.5 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008427.D

Acq: 25 Jan 2019 22:19

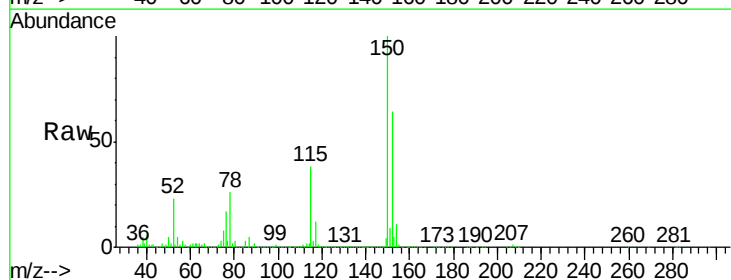
Tgt Ion:152 Resp: 316119

Ion Ratio Lower Upper

152 100

115 57.7 29.9 89.7

150 157.1 0.0 351.4



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

