

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020119\
 Data File : VW008493.D
 Acq On : 01 Feb 2019 20:24
 Operator : SY/VA
 Sample : K1361-02
 Misc : 4.55G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-03-006-ABCD

Quant Time: Feb 02 03:12:05 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

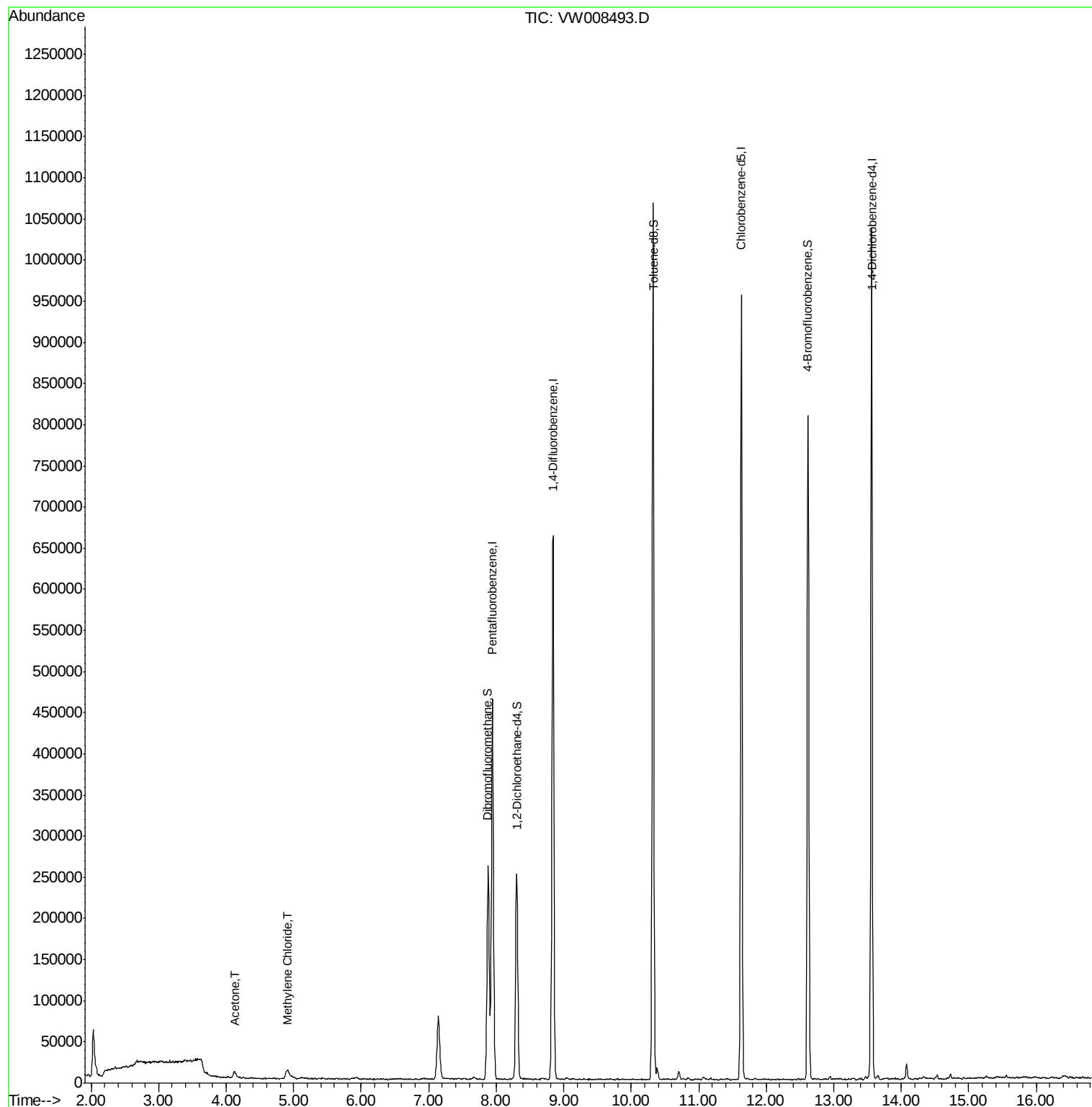
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	363474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	581289	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	534529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	272611	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	193161	54.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.18%	
35) Dibromofluoromethane	7.88	113	183623	54.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.04%	
50) Toluene-d8	10.32	98	695523	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.62	95	265366	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
Target Compounds						
16) Acetone	4.12	43	15609	19.466	ug/l	96
20) Methylene Chloride	4.90	84	9281	2.511	ug/l	88

(#) = 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: VW008493.D

Acq: 01 Feb 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

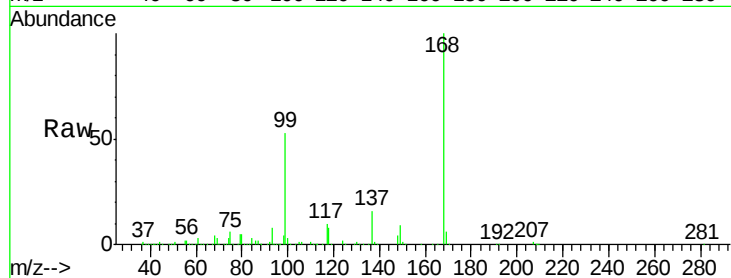
FK-BPM-03-006-ABCD

Tot Ion:168 Resp: 363474

Ion Ratio Lower Upper

168 100

99 52.6 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

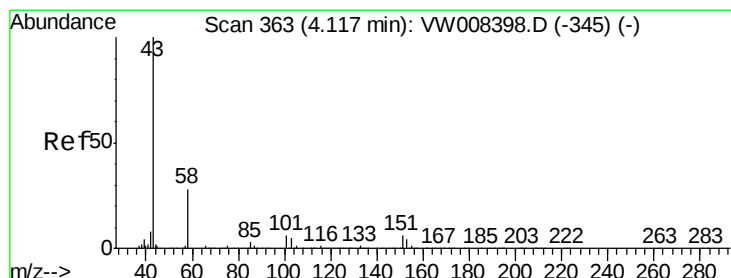
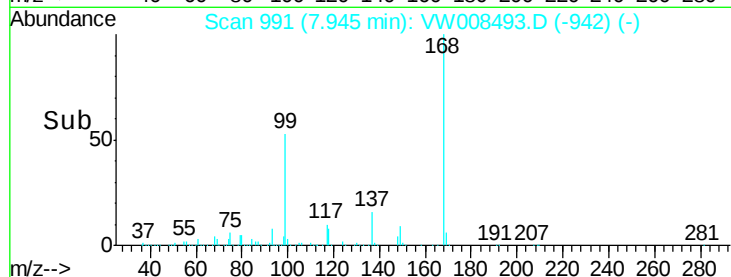
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 19.466 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008493.D

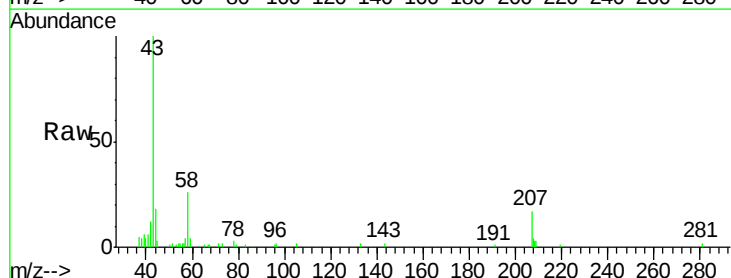
Acq: 01 Feb 2019 20:24

Tgt Ion: 43 Resp: 15609

Ion Ratio Lower Upper

43 100

58 26.4 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

6000

5000

4000

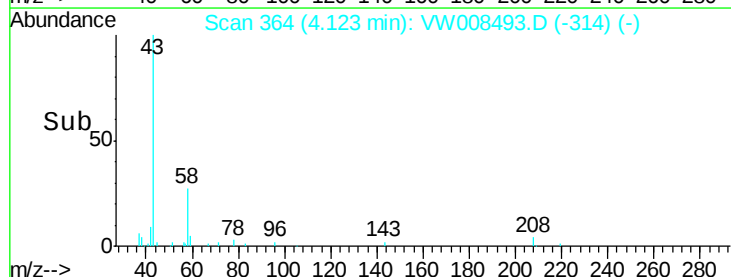
3000

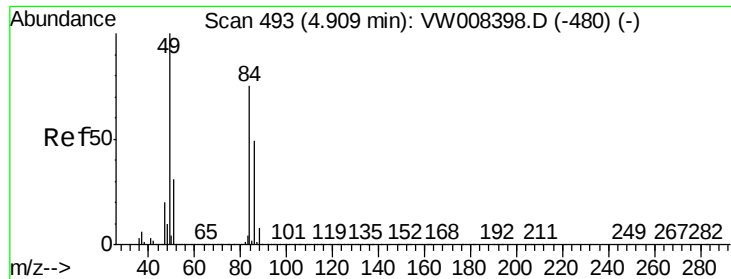
2000

1000

0

Time--> 4.00 4.10 4.20

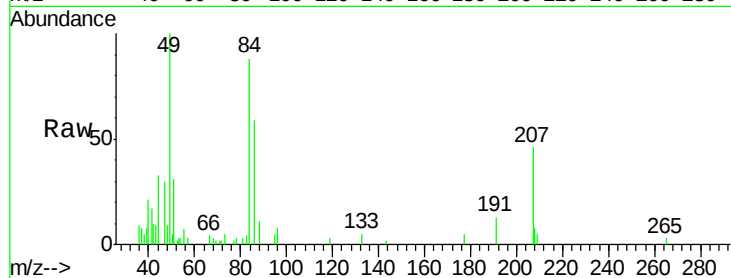




#20
Methylene Chloride
Concen: 2.511 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008493.D
Acq: 01 Feb 2019 20:24

Instrument :
MSVOA_W
ClientSampleId :
FK-BPM-03-006-ABCD

Tot Ion:	84	Resp:	9281
Ion	Ratio	Lower	Upper
84	100		
49	111.5	106.8	160.2
51	35.8	32.9	49.3
86	66.7	52.2	78.2



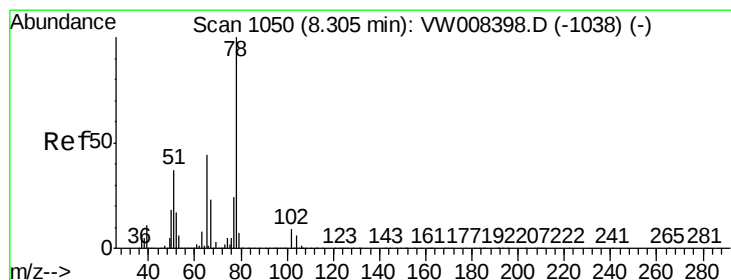
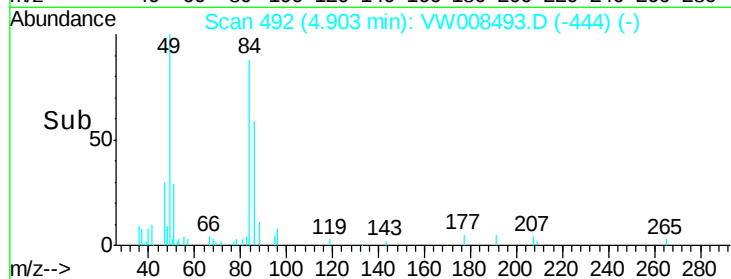
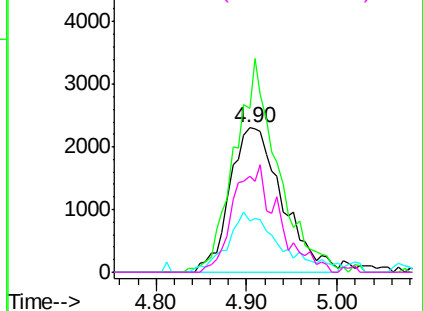
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

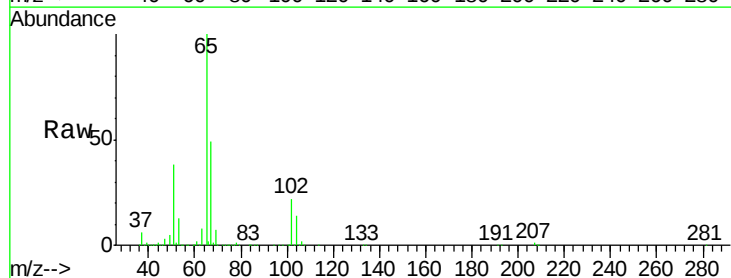
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33
1,2-Dichloroethane-d4
Concen: 54.095 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008493.D
Acq: 01 Feb 2019 20:24

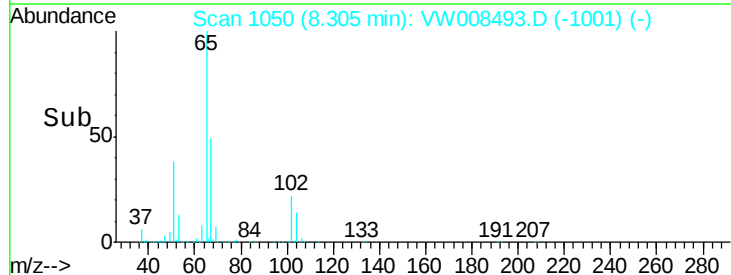
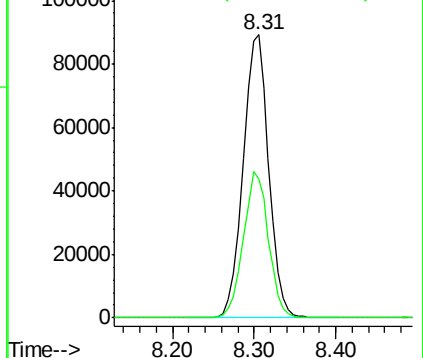
Tgt Ion:	65	Resp:	193161
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	104.0



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: VW008493.D

Acq: 01 Feb 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

FK-BPM-03-006-ABCD

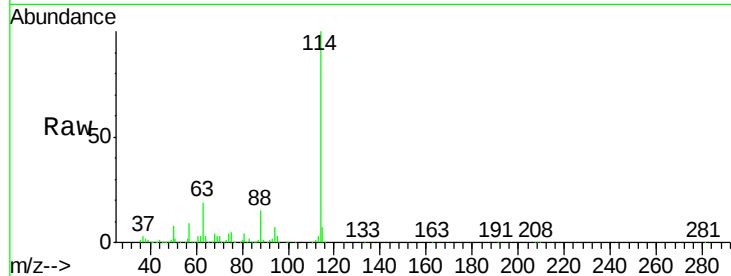
Tot Ion:114 Resp: 581289

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.6

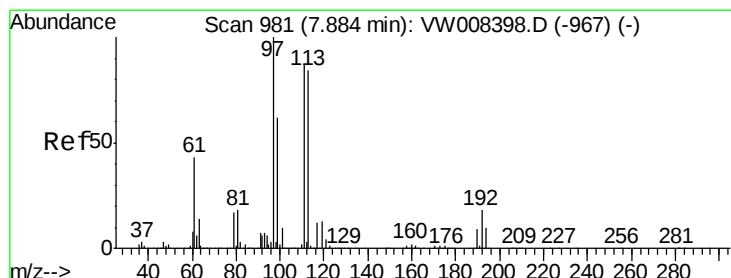
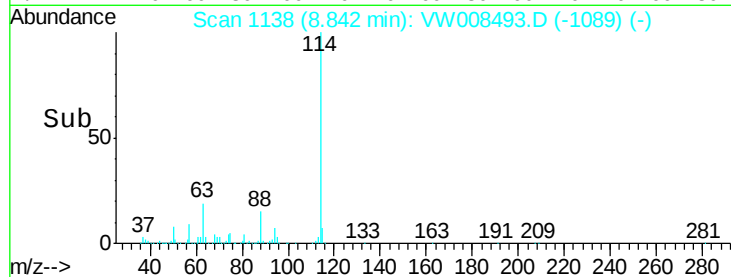
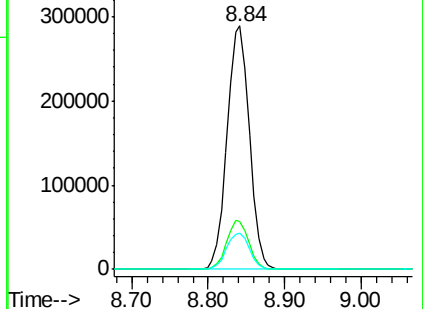
88 15.0 0.0 31.8



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: 54.023 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008493.D

Acq: 01 Feb 2019 20:24

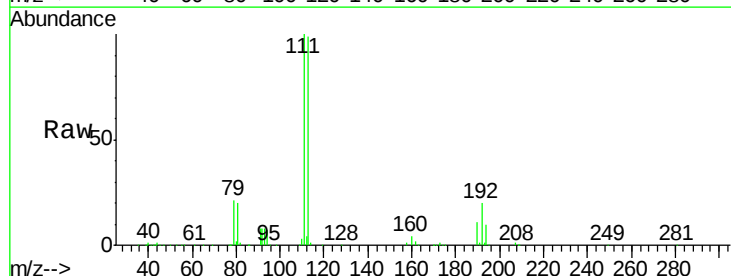
Tgt Ion:113 Resp: 183623

Ion Ratio Lower Upper

113 100

111 102.8 81.0 121.4

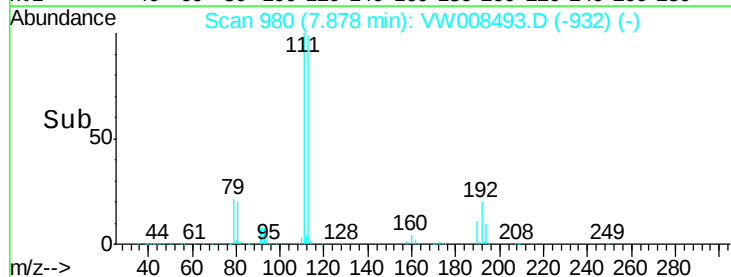
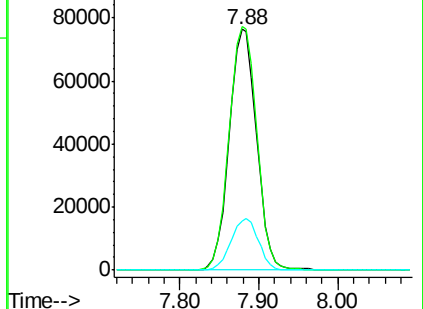
192 21.4 16.8 25.2

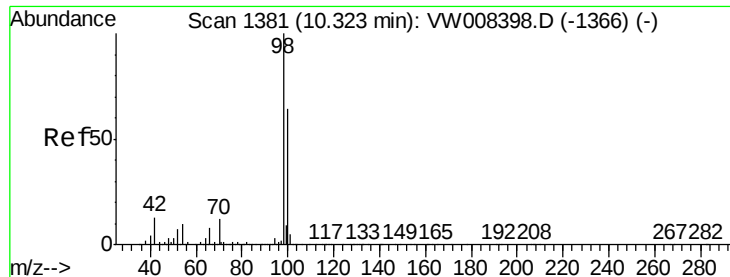


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.028 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008493.D

Acq: 01 Feb 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

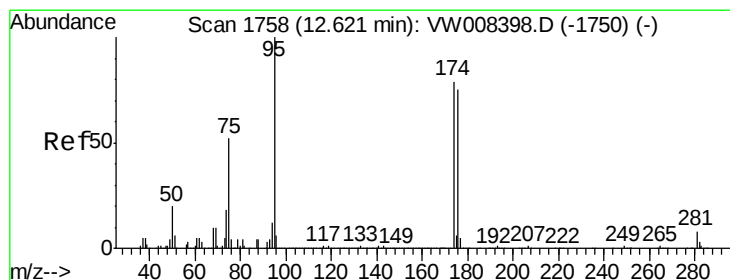
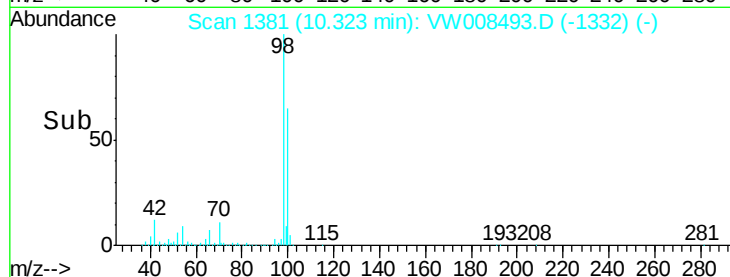
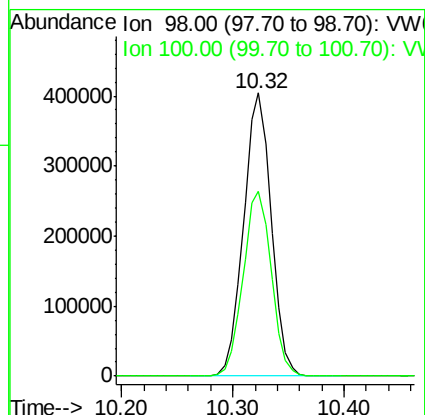
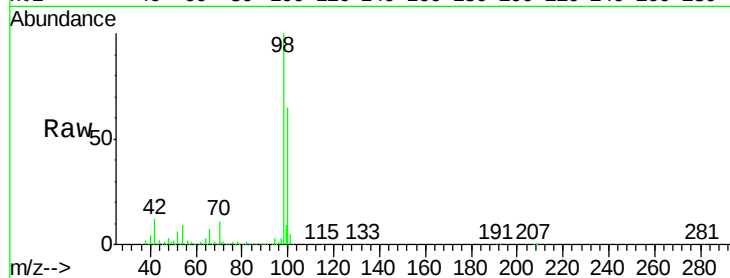
FK-BPM-03-006-ABCD

Tot Ion: 98 Resp: 695523

Ion Ratio Lower Upper

98 100

100 66.3 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 50.650 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008493.D

Acq: 01 Feb 2019 20:24

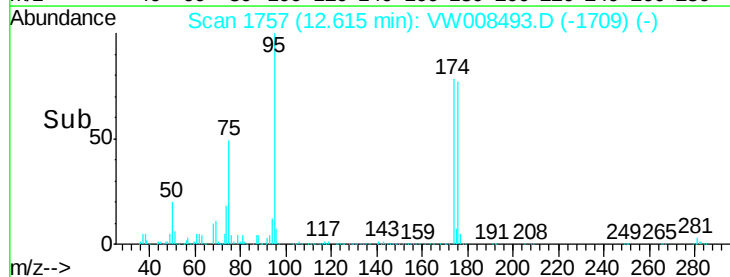
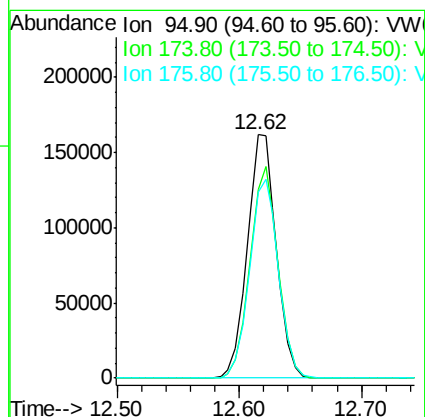
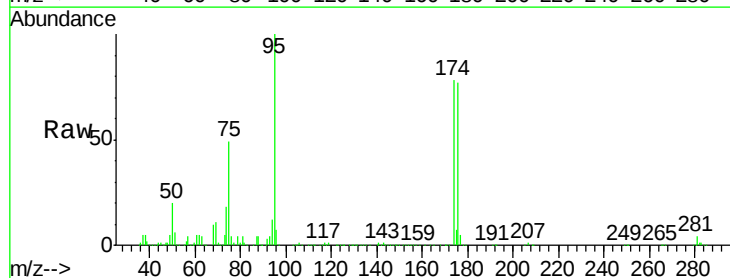
Tgt Ion: 95 Resp: 265366

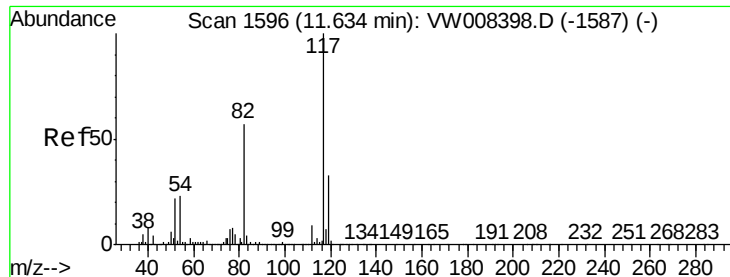
Ion Ratio Lower Upper

95 100

174 84.2 0.0 157.6

176 81.8 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: VW008493.D

Acq: 01 Feb 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

FK-BPM-03-006-ABCD

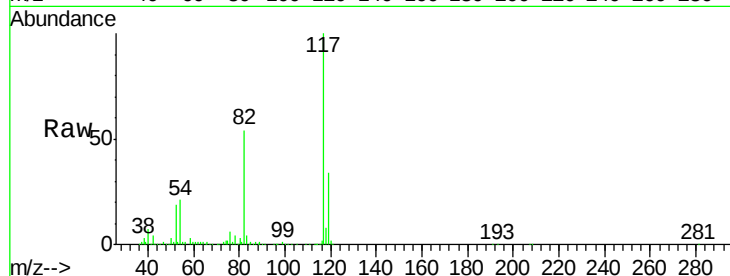
Tot Ion:117 Resp: 534529

Ion Ratio Lower Upper

117 100

82 54.4 45.4 68.0

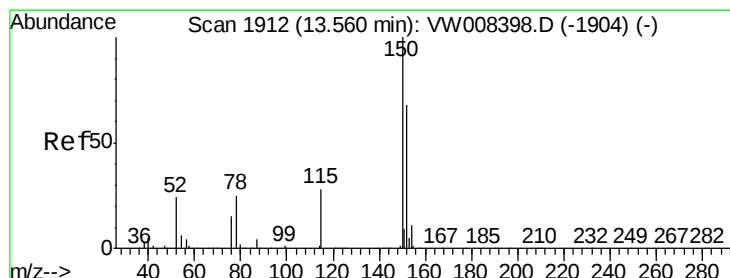
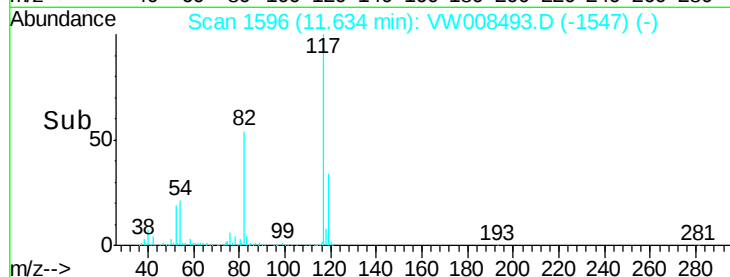
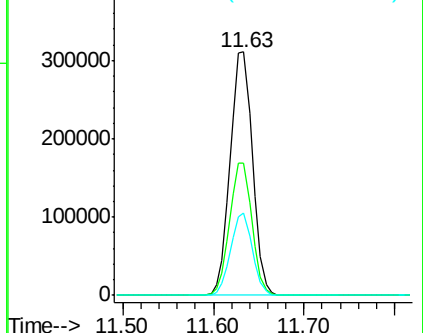
119 33.6 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VW008493.D

Acq: 01 Feb 2019 20:24

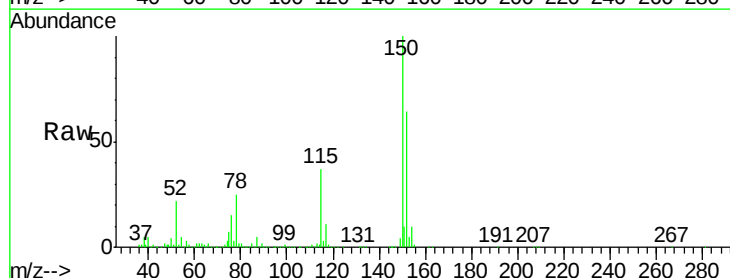
Tgt Ion:152 Resp: 272611

Ion Ratio Lower Upper

152 100

115 57.4 29.9 89.7

150 158.3 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

