

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041719\
 Data File : VW010026.D
 Acq On : 17 Apr 2019 19:51
 Operator : SY/VA
 Sample : K2414-02
 Misc : 5.78G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-PS-01-044

Quant Time: Apr 18 03:50:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 02:23:40 2019
 Response via : Initial Calibration

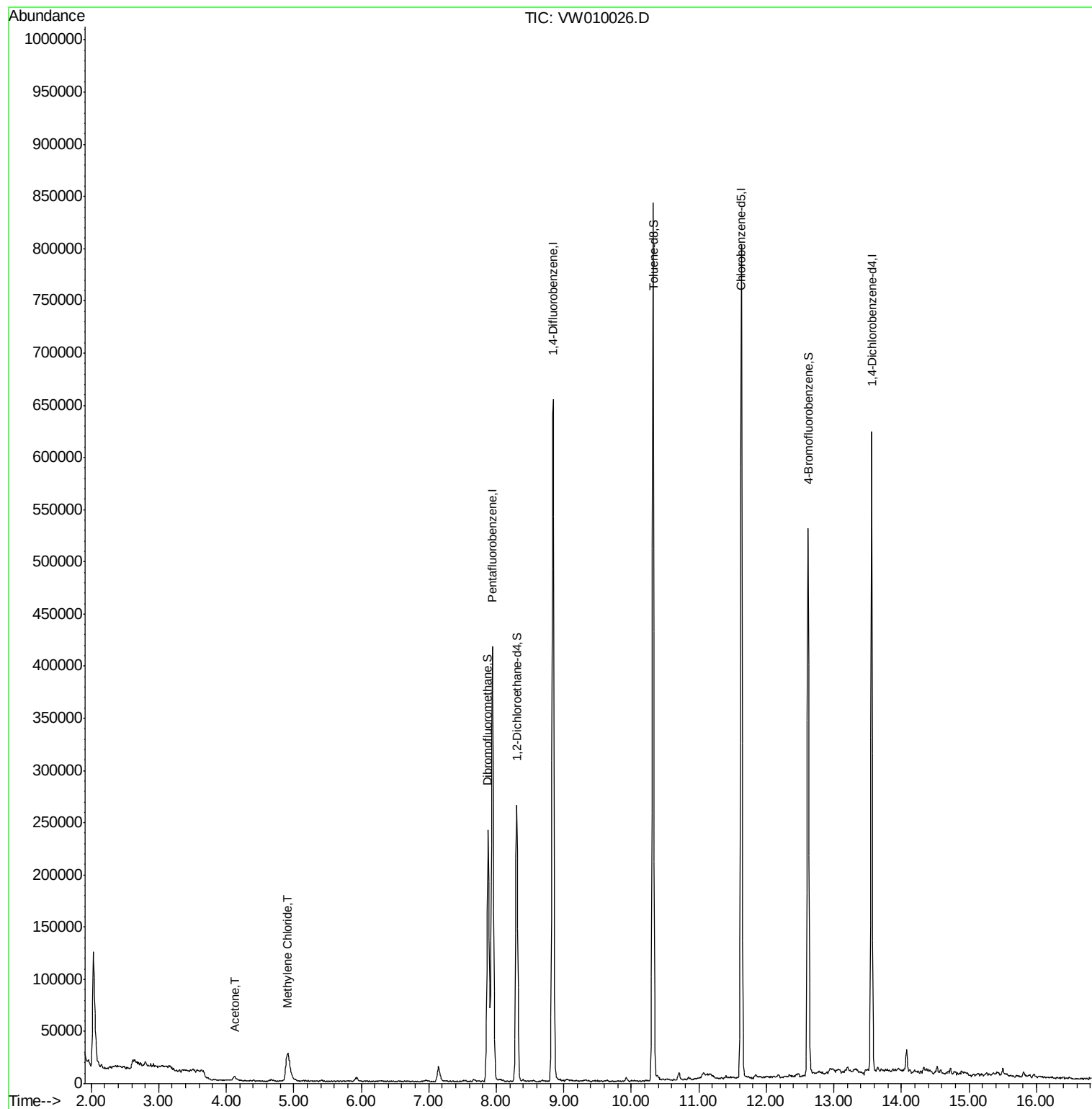
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	291055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	515816	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	417810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	147383	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	209940	58.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.90%	
35) Dibromofluoromethane	7.88	113	164121	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
50) Toluene-d8	10.32	98	520981	42.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.80%	
62) 4-Bromofluorobenzene	12.62	95	160650	35.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.94%	
Target Compounds						
16) Acetone	4.12	43	7724	9.268	ug/l	93
20) Methylene Chloride	4.91	84	25606	3.937	ug/l	94

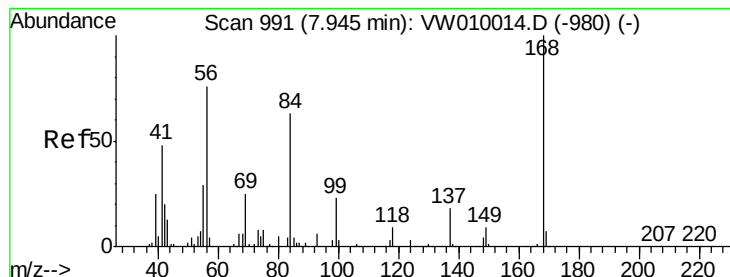
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 18 02:23:40 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 :

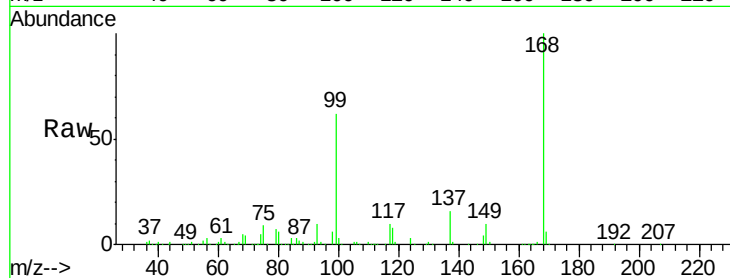
FK-PS-01-044

Tot Ion:168 Resp: 291055

Ion Ratio Lower Upper

168 100

99 61.8 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

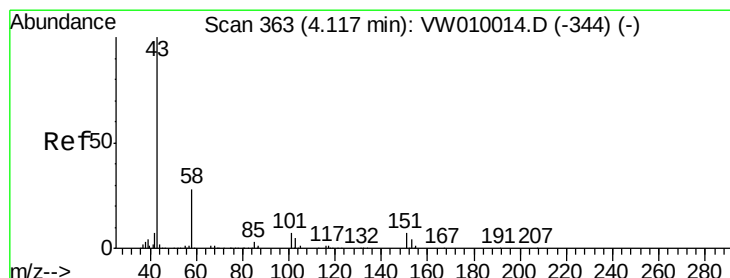
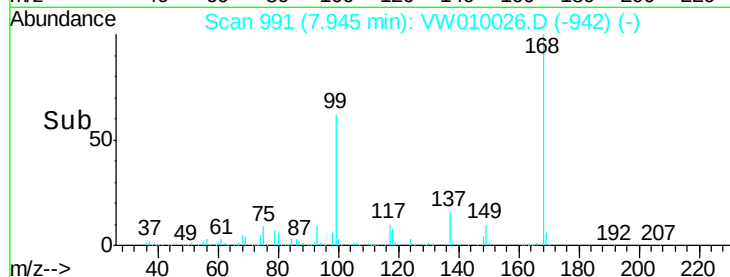
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.268 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010026.D

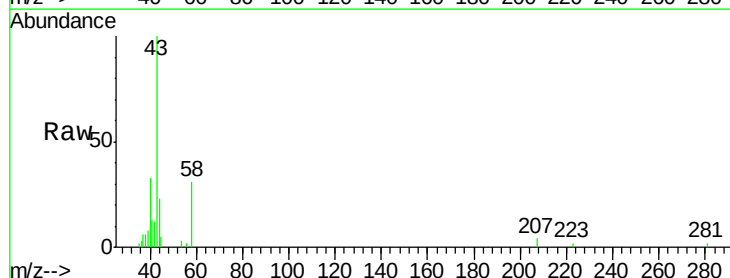
Acq: 17 Apr 2019 19:51

Tgt Ion: 43 Resp: 7724

Ion Ratio Lower Upper

43 100

58 32.3 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

3000

2500

2000

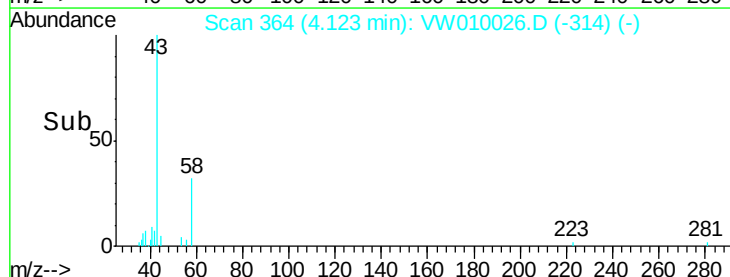
1500

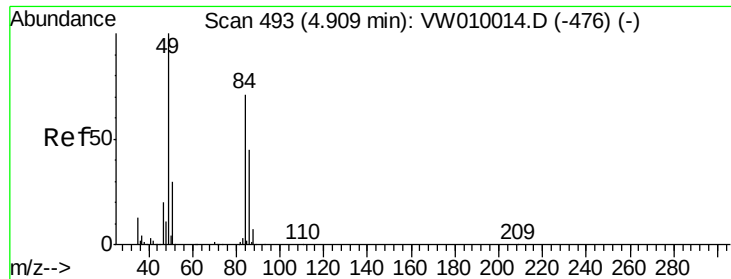
1000

500

0

Time-->

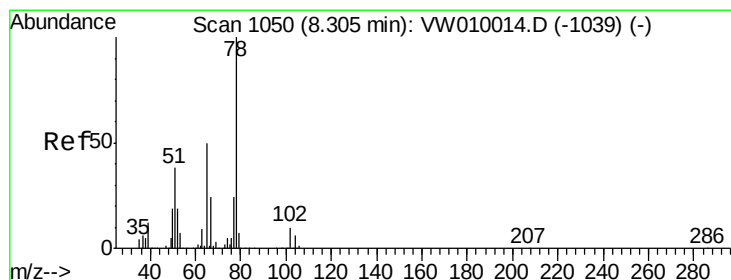
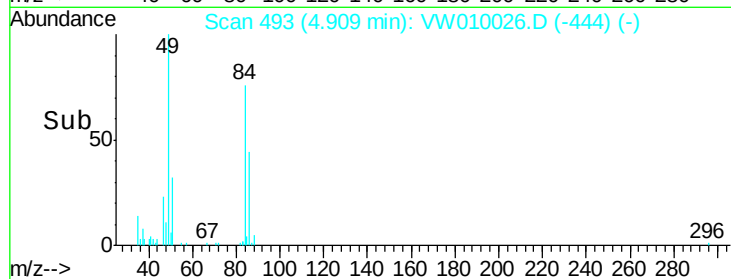
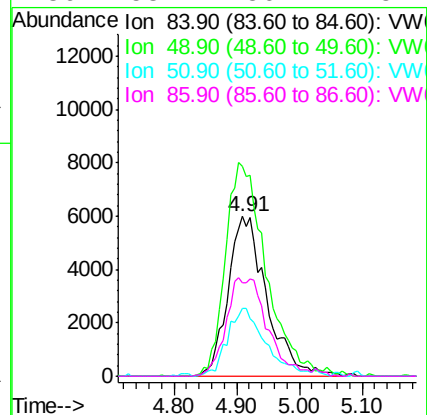
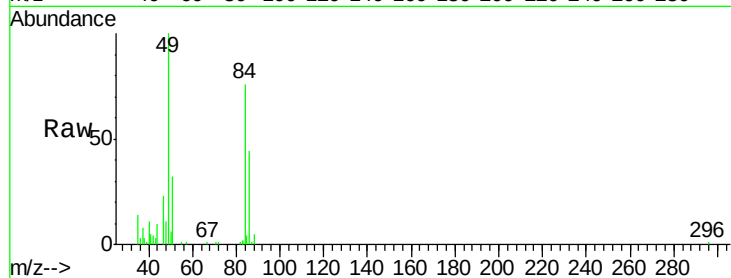




#20
Methylene Chloride
Concen: 3.937 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW010026.D
Acq: 17 Apr 2019 19:51

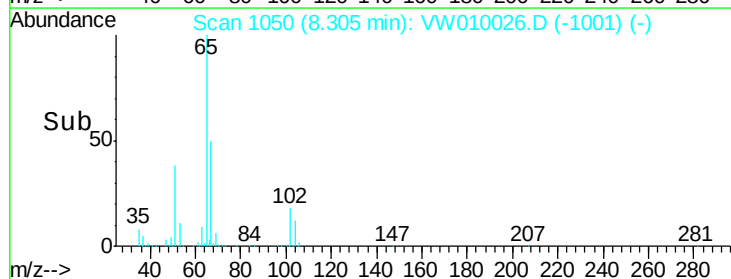
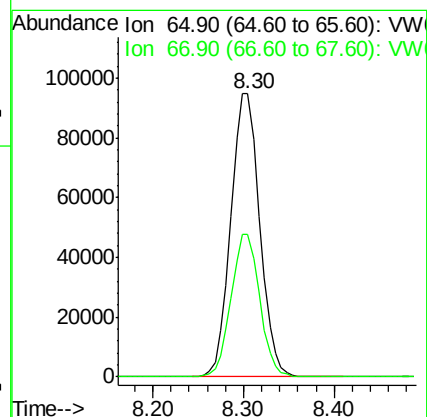
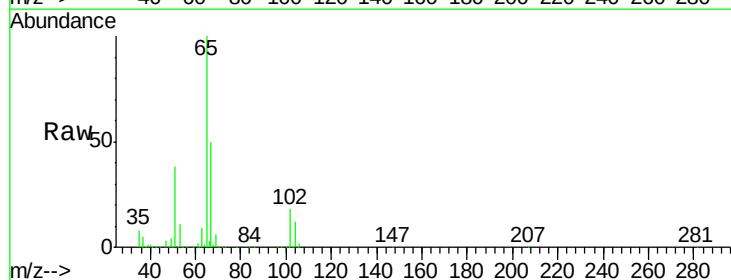
Instrument :
MSVOA_W
ClientSampleId :
FK-PS-01-044

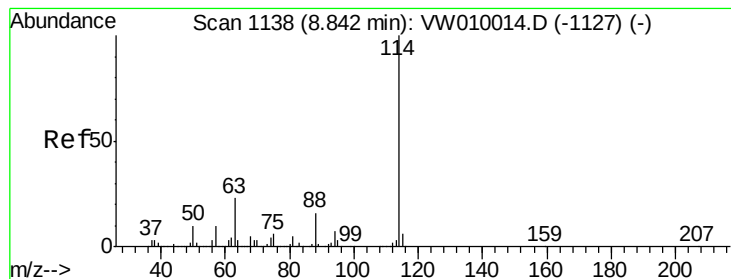
Tot Ion:	84	Resp:	25606
Ion	Ratio	Lower	Upper
84	100		
49	131.1	112.3	168.5
51	42.5	33.9	50.9
86	58.2	50.2	75.4



#33
1,2-Dichloroethane-d4
Concen: 58.450 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010026.D
Acq: 17 Apr 2019 19:51

Tgt Ion:	65	Resp:	209940
Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010026.D

Acq: 17 Apr 2019 19:51

Instrument :

MSVOA_W

ClientSampleId :

FK-PS-01-044

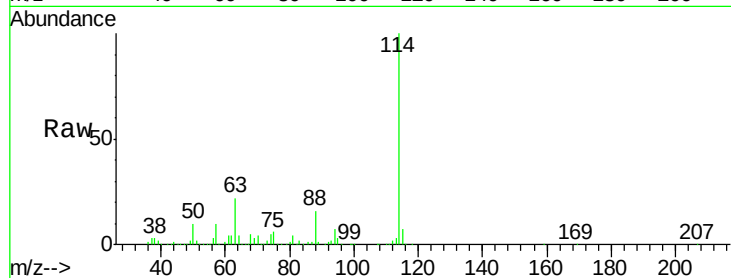
Tot Ion:114 Resp: 515816

Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.2

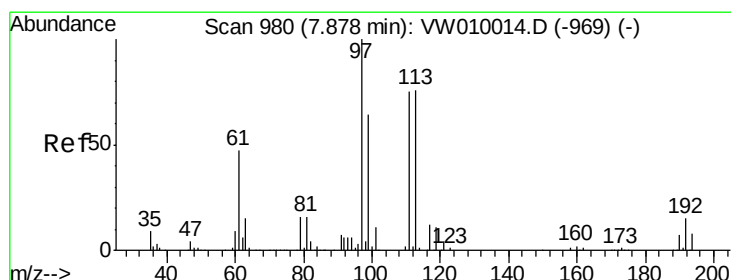
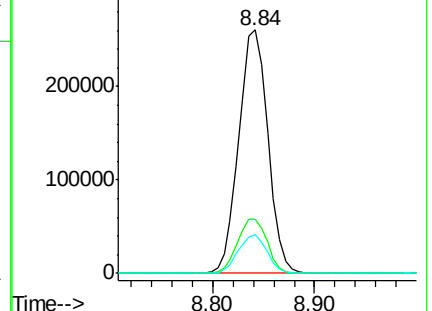
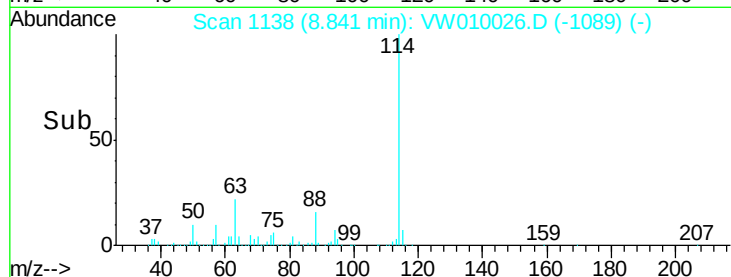
88 15.9 0.0 32.6



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: 50.046 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW010026.D

Acq: 17 Apr 2019 19:51

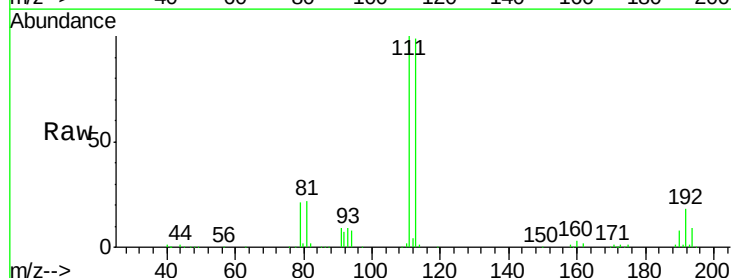
Tgt Ion:113 Resp: 164121

Ion Ratio Lower Upper

113 100

111 105.0 82.6 123.8

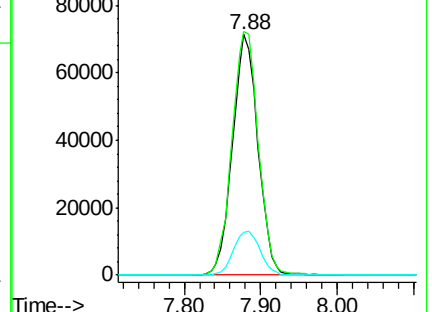
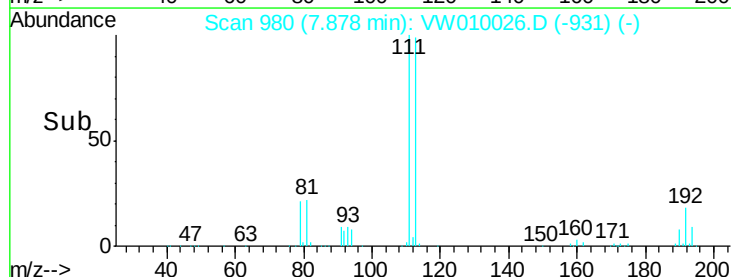
192 19.2 15.4 23.2

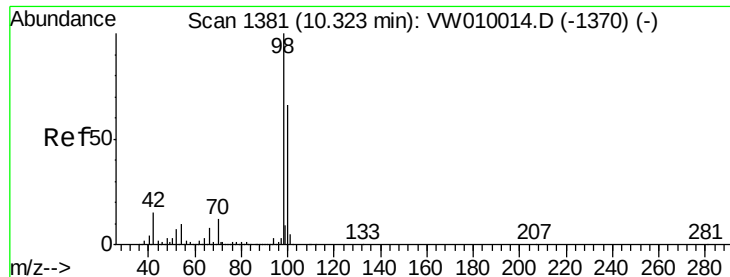


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 42.396 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010026.D

Acq: 17 Apr 2019 19:51

Instrument :

MSVOA_W

ClientSampleId :

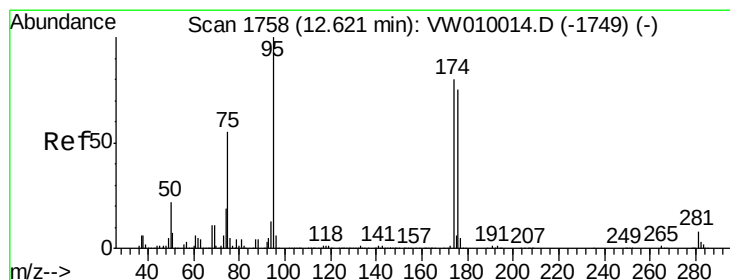
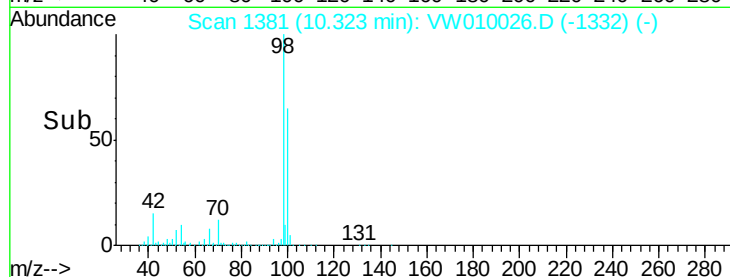
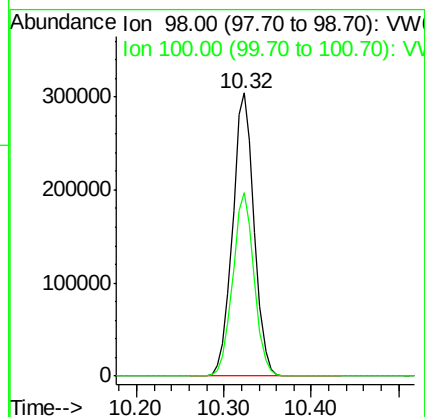
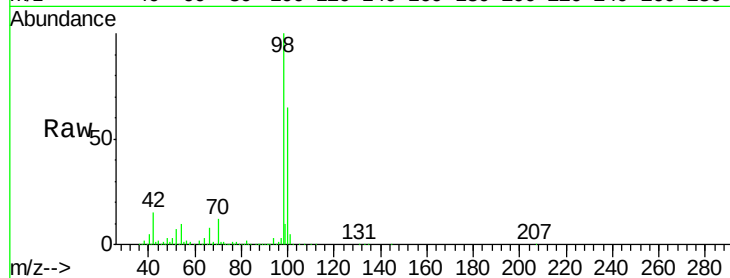
FK-PS-01-044

Tot Ion: 98 Resp: 520981

Ion Ratio Lower Upper

98 100

100 64.4 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 35.965 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010026.D

Acq: 17 Apr 2019 19:51

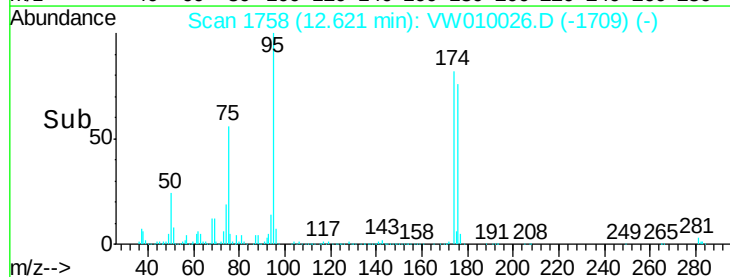
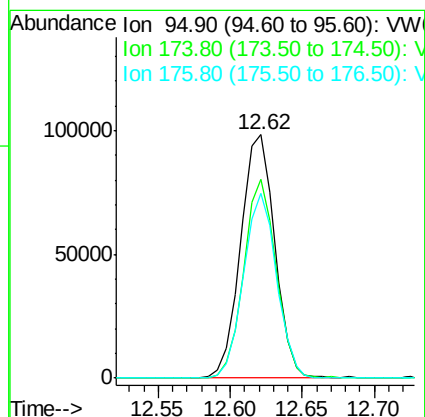
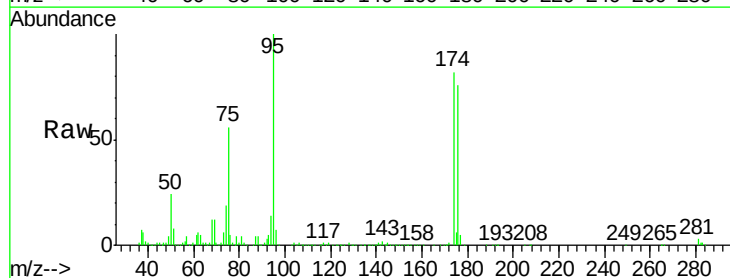
Tgt Ion: 95 Resp: 160650

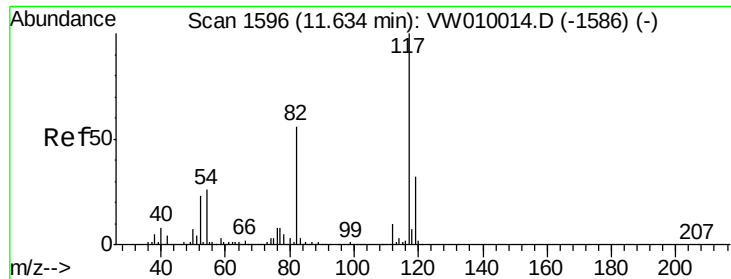
Ion Ratio Lower Upper

95 100

174 78.0 0.0 151.4

176 73.7 0.0 146.2

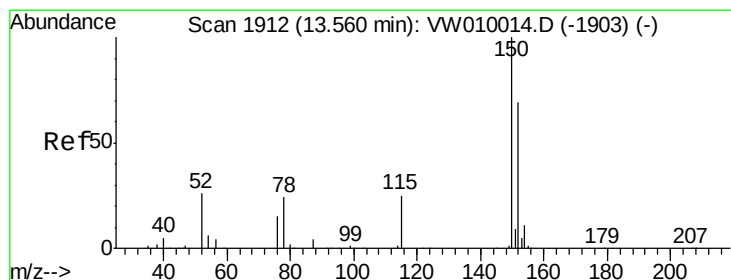
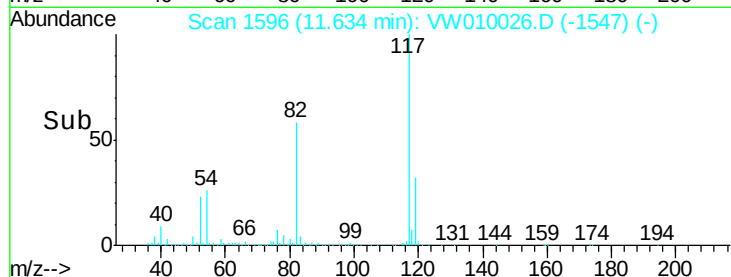
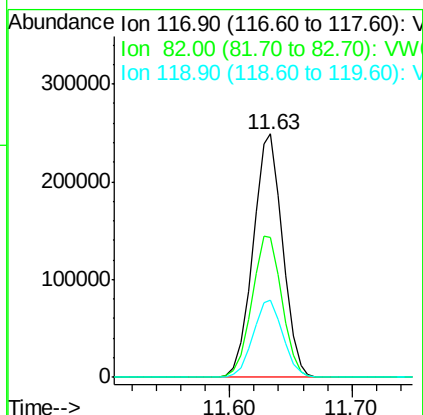
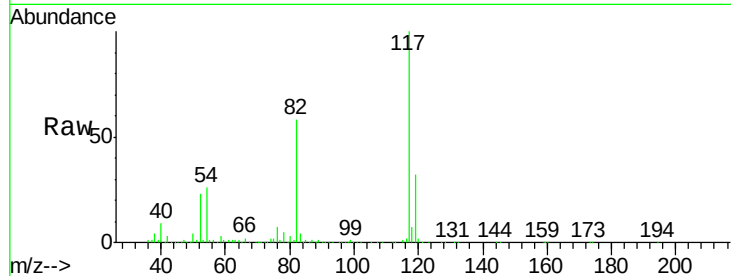




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010026.D
Acq: 17 Apr 2019 19:51

Instrument :
MSVOA_W
ClientSampleId :
FK-PS-01-044

Tot Ion:117 Resp: 417810
Ion Ratio Lower Upper
117 100
82 57.6 45.2 67.8
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010026.D
Acq: 17 Apr 2019 19:51

Tgt Ion:152 Resp: 147383
Ion Ratio Lower Upper
152 100
115 59.4 30.4 91.2
150 157.1 0.0 347.0

