

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
 Data File : VY000158.D
 Acq On : 26 Sep 2019 17:25
 Operator : SY/MD
 Sample : K5060-02
 Misc : 7.17g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-PS-01-060

Quant Time: Sep 26 18:44:09 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 14:30:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	145715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	284286	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	235400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	96587	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	77784	60.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.90%	
35) Dibromofluoromethane	7.72	113	77019	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
50) Toluene-d8	10.18	98	310419	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.48	95	97579	42.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.98%	

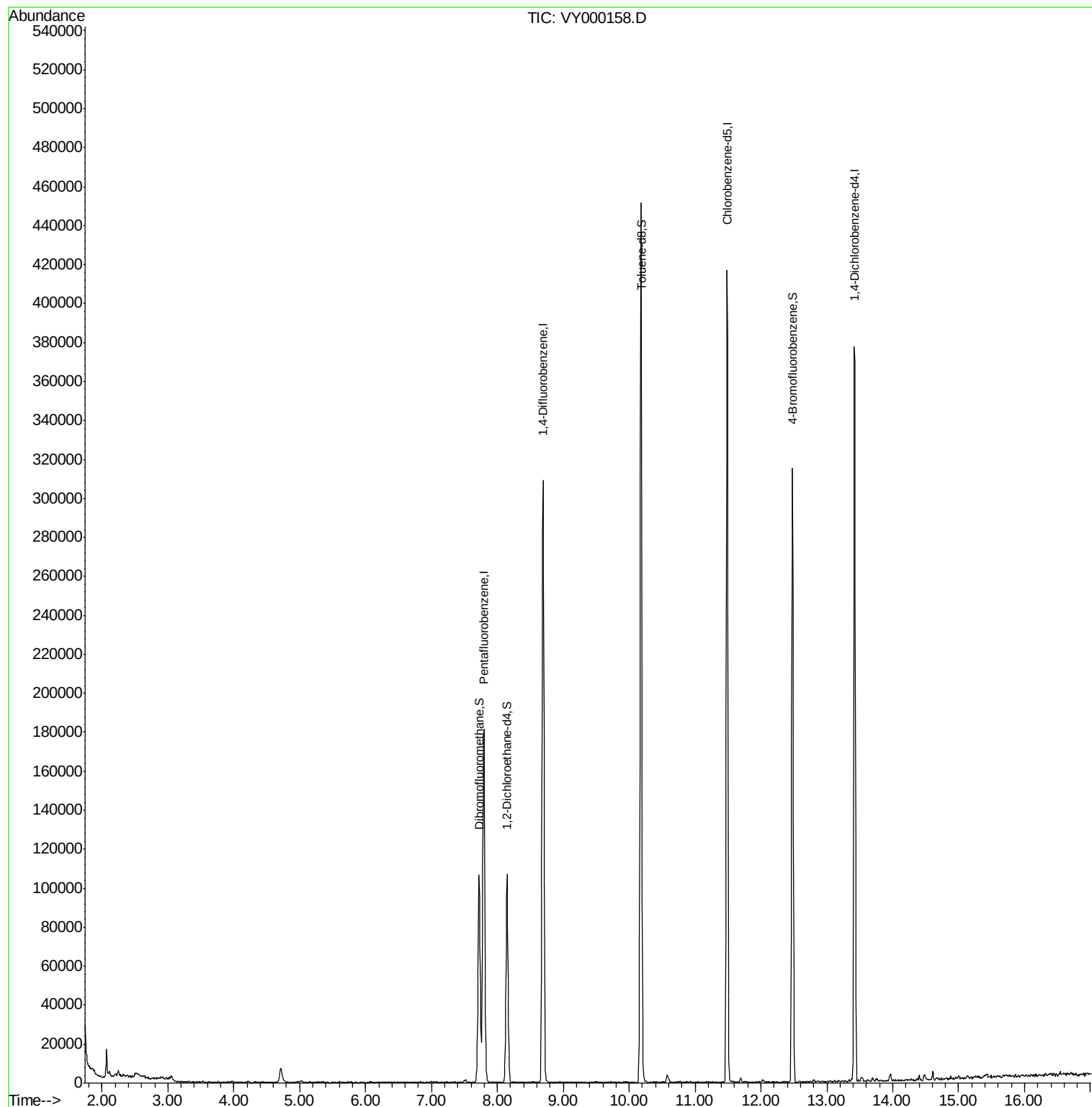
Target Compounds Qvalue

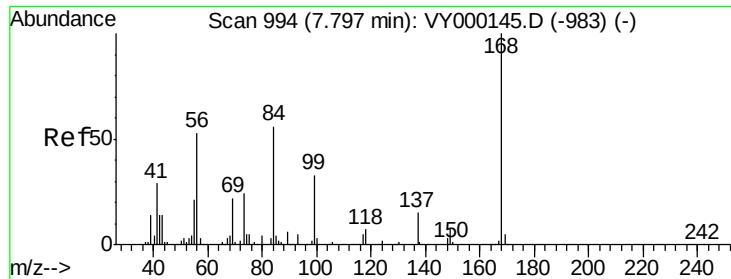
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY000158.D

Acq: 26 Sep 2019 17:25

Instrument :

MSVOA_Y

ClientSampleId :

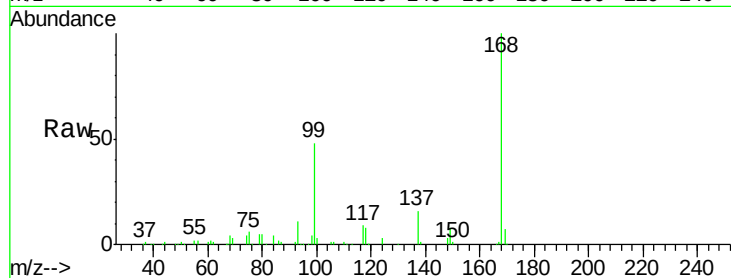
FK-PS-01-060

Tot Ion:168 Resp: 145715

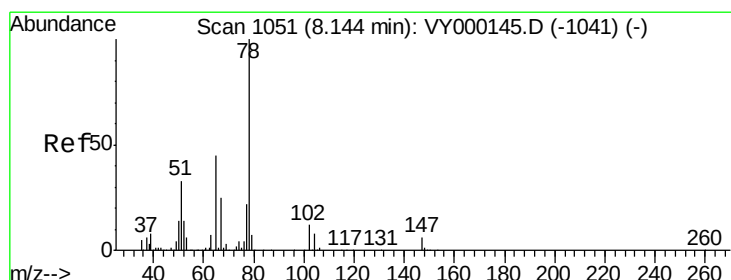
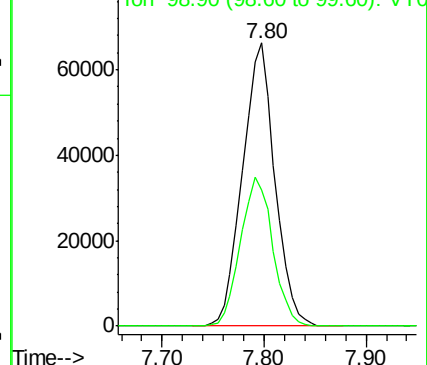
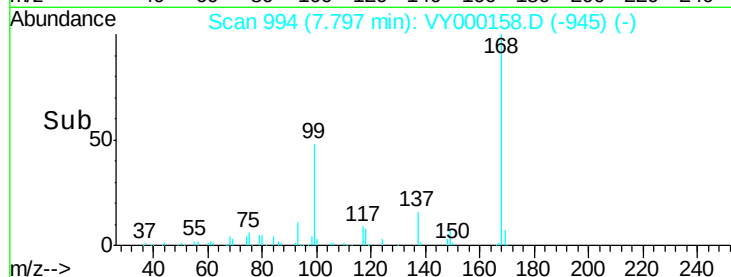
Ion Ratio Lower Upper

168 100

99 48.2 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): VY000158.D (-945) (-)



#33

1,2-Dichloroethane-d4

Concen: 60.954 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY000158.D

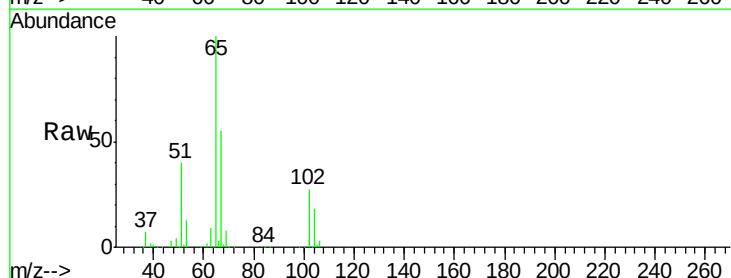
Acq: 26 Sep 2019 17:25

Tgt Ion: 65 Resp: 77784

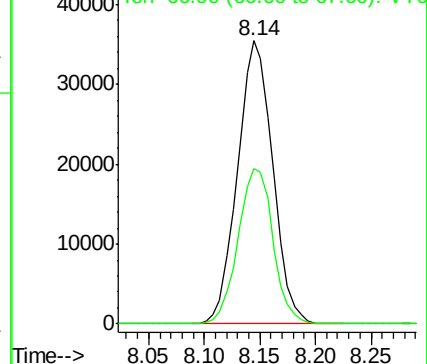
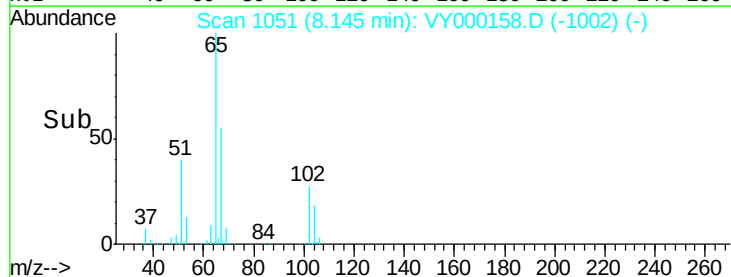
Ion Ratio Lower Upper

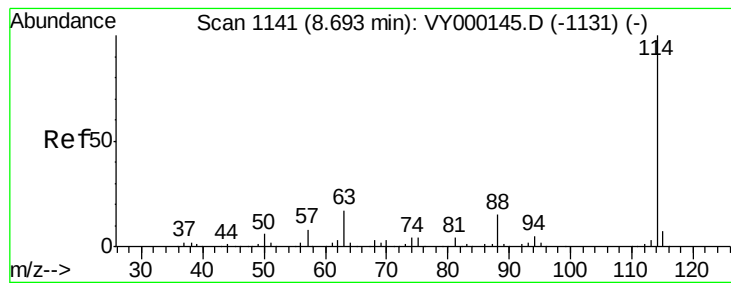
65 100

67 54.2 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VY000158.D (-1002) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY000158.D

Acq: 26 Sep 2019 17:25

Instrument :

MSVOA_Y

ClientSampleId :

FK-PS-01-060

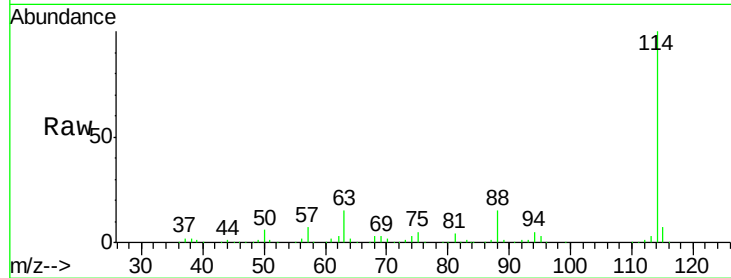
Tot Ion:114 Resp: 284286

Ion Ratio Lower Upper

114 100

63 15.0 0.0 34.6

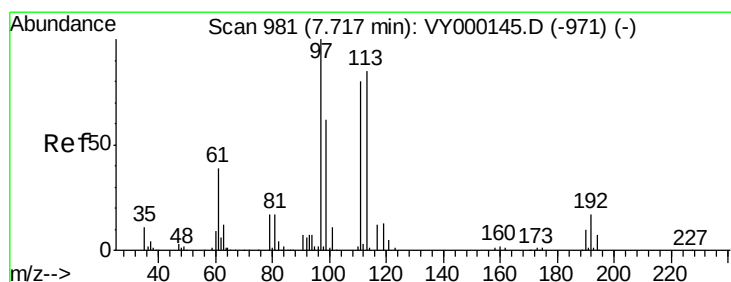
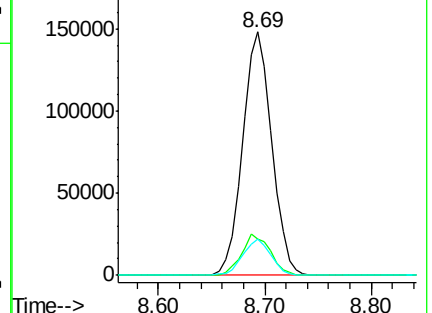
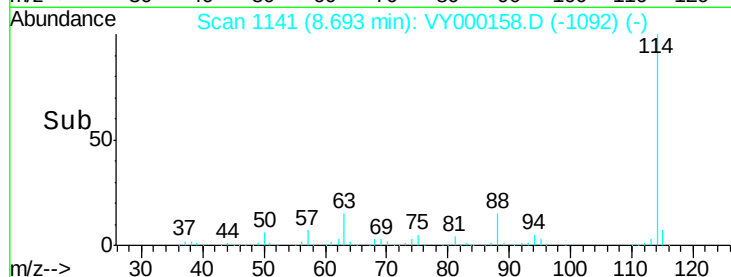
88 15.0 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 51.733 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

Lab File: VY000158.D

Acq: 26 Sep 2019 17:25

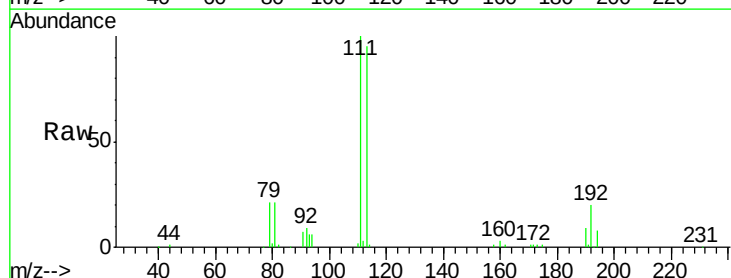
Tgt Ion:113 Resp: 77019

Ion Ratio Lower Upper

113 100

111 101.3 82.0 123.0

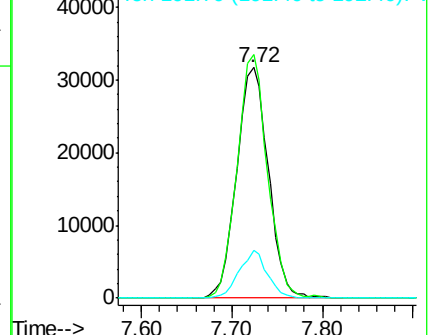
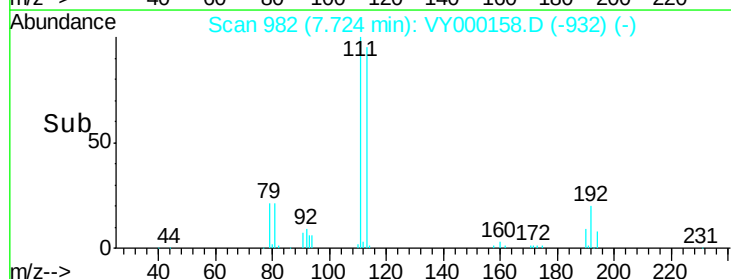
192 18.4 17.3 25.9

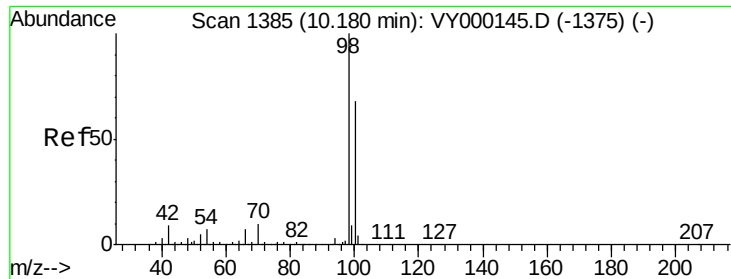


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.272 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000158.D

Acq: 26 Sep 2019 17:25

Instrument :

MSVOA_Y

ClientSampleId :

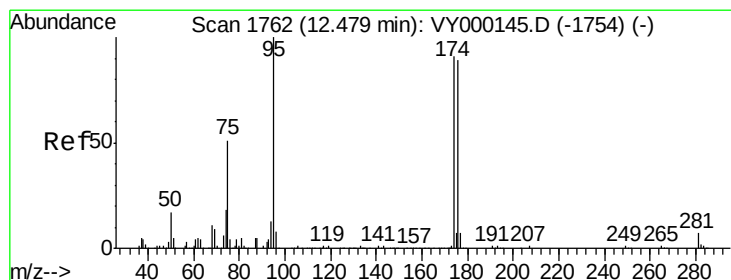
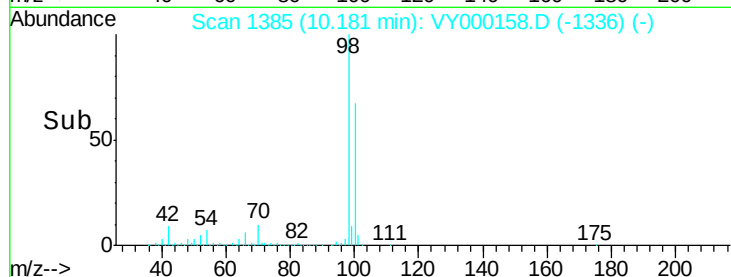
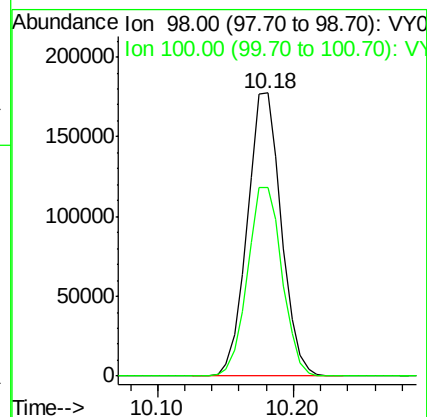
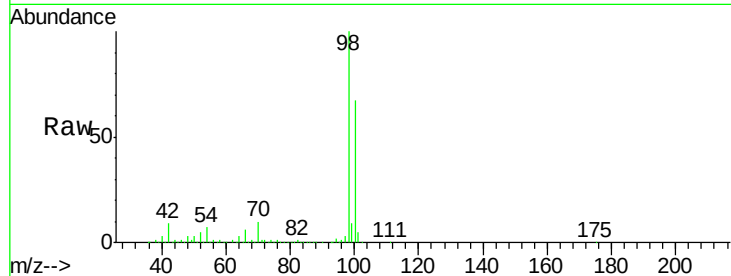
FK-PS-01-060

Tot Ion: 98 Resp: 310419

Ion Ratio Lower Upper

98 100

100 67.9 54.2 81.2



#62

4-Bromofluorobenzene

Concen: 42.494 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000158.D

Acq: 26 Sep 2019 17:25

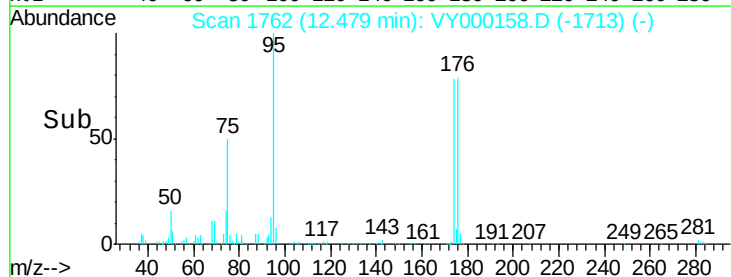
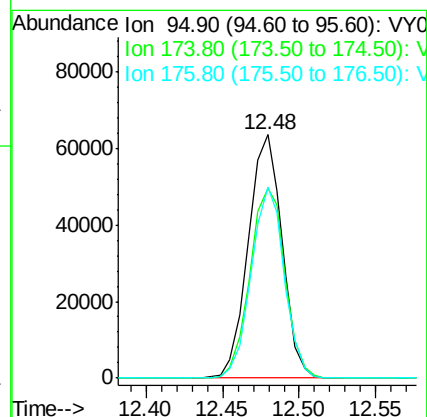
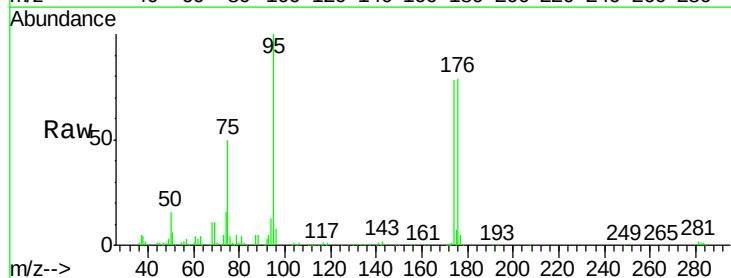
Tgt Ion: 95 Resp: 97579

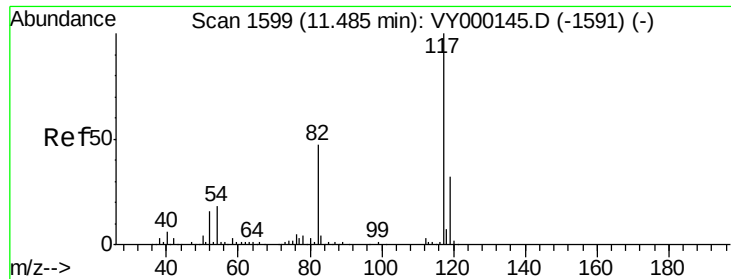
Ion Ratio Lower Upper

95 100

174 80.6 0.0 180.6

176 76.6 0.0 171.6

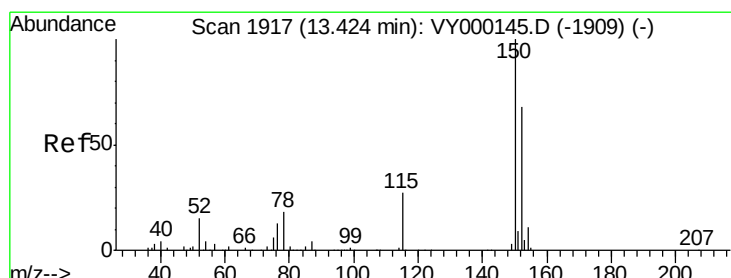
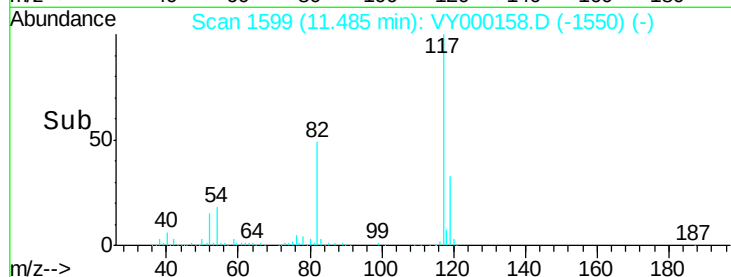
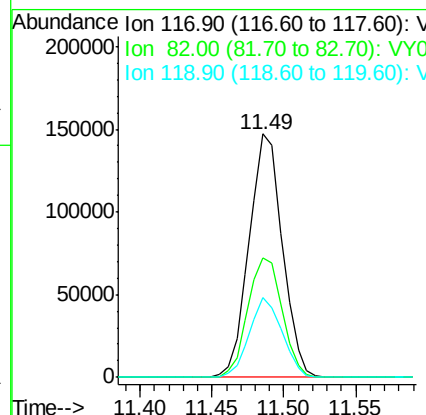
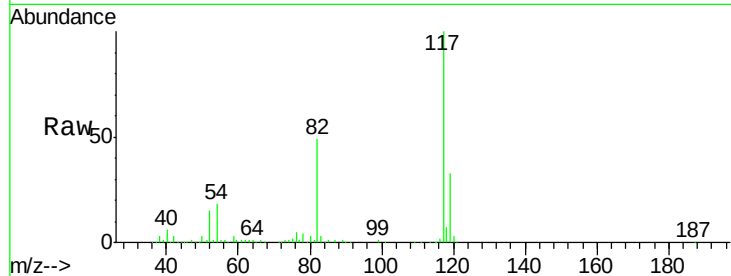




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY000158.D
Acq: 26 Sep 2019 17:25

Instrument :
MSVOA_Y
ClientSampleId :
FK-PS-01-060

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.2	37.7	56.5
119	32.8	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000158.D
Acq: 26 Sep 2019 17:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	26.8	80.4
150	159.5	0.0	347.8

