

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082418\
 Data File : VF060104.D
 Acq On : 24 Aug 2018 17:11
 Operator : VA/AP
 Sample : J4606-02
 Misc : 8.11g/5mL/MSVOA F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-BPM-03-002-ABCD

Quant Time: Aug 25 03:46:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	107616	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	168823	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	171522	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	97763	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	68581	46.56	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	93.12%	
35) Dibromofluoromethane	4.28	113	61749	46.58	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	93.16%	
50) Toluene-d8	7.70	98	167093	44.38	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	88.76%	
62) 4-Bromofluorobenzene	11.50	95	77196	38.76	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	77.52%	

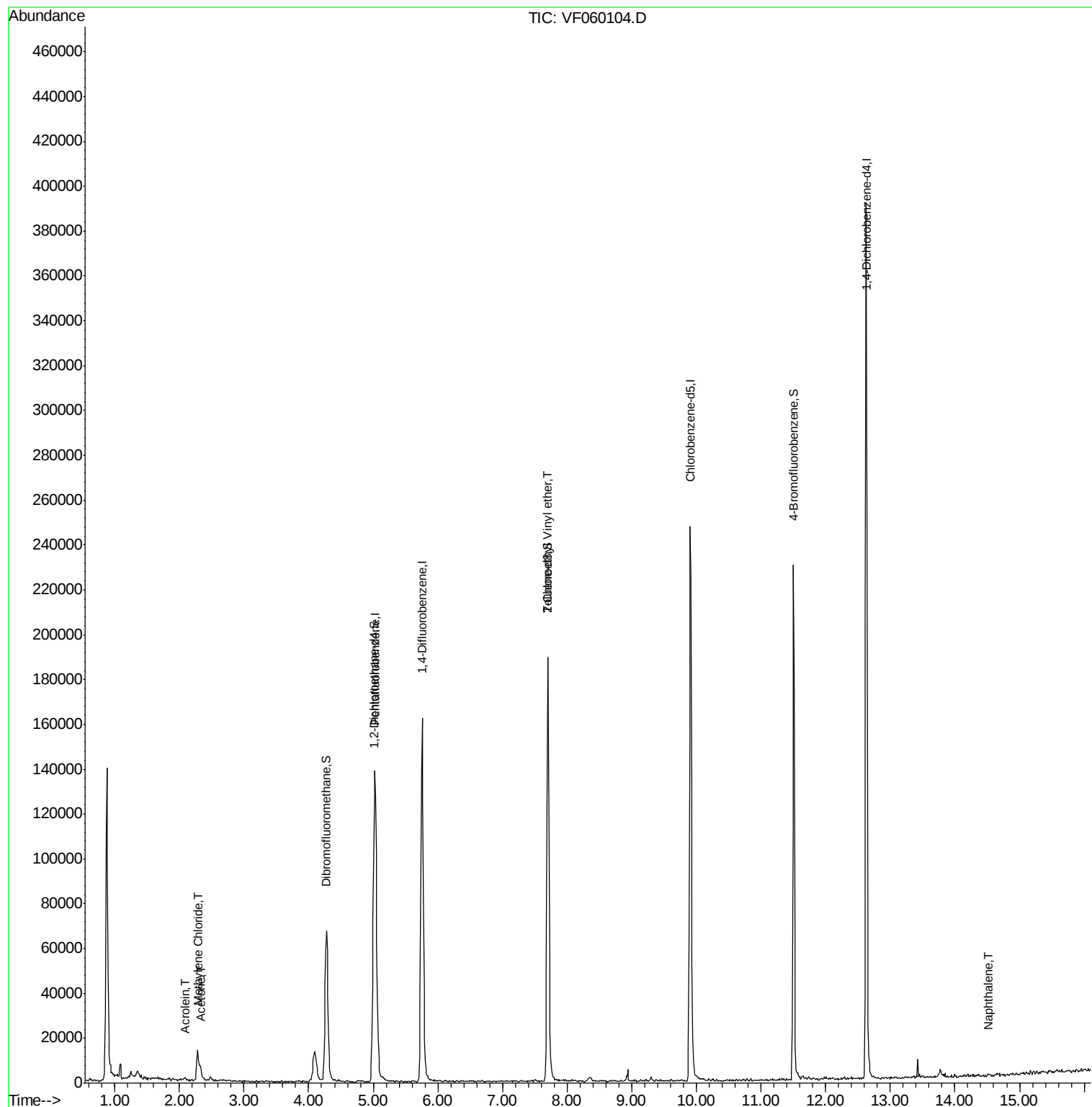
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.08	50	672	Below Cal	#	40
13) Acrolein	2.10	56	125	28.66	ug/l	# 8
16) Acetone	2.33	43	4243	10.96	ug/l	# 85
18) Methyl Acetate	2.48	43	484	Below Cal	#	7
20) Methylene Chloride	2.29	84	8009	5.99	ug/l	# 87
52) Toluene	7.80	92	121	Below Cal	#	1
58) 2-Chloroethyl Vinyl ether	7.71	63	155	1.73	ug/l	100
68) m/p-Xylenes	10.26	106	68	Below Cal		78
95) Naphthalene	14.52	128	247	2.35	ug/l	# 69

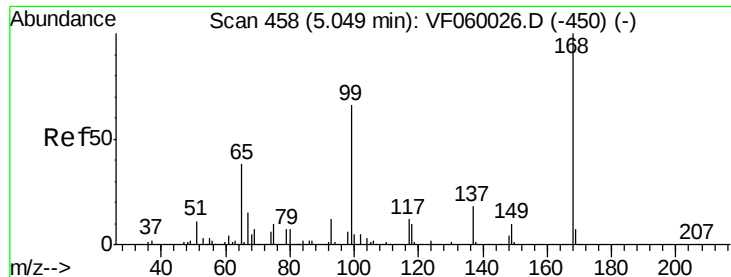
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF082418\
Data File : VF060104.D
Acq On : 24 Aug 2018 17:11
Operator : VA/AP
Sample : J4606-02
Misc : 8.11q/5mL/MSVOA F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-03-002-ABCD

Quant Time: Aug 25 03:46:34 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF060104.D

Acq: 24 Aug 2018 17:11

Instrument :

MSVOA_F

ClientSampleId :

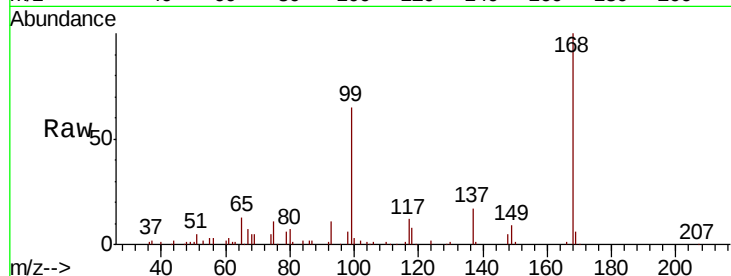
FK-BPM-03-002-ABCD

Tot Ion:168 Resp: 107616

Ion Ratio Lower Upper

168 100

99 64.6 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

40000

30000

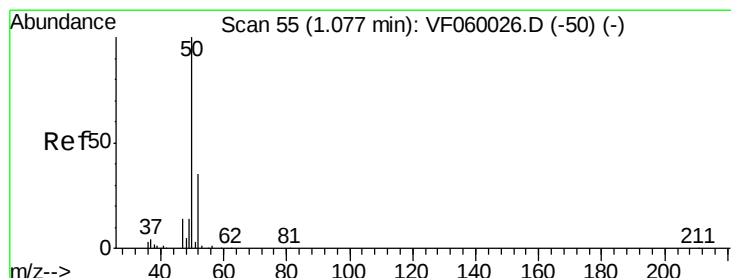
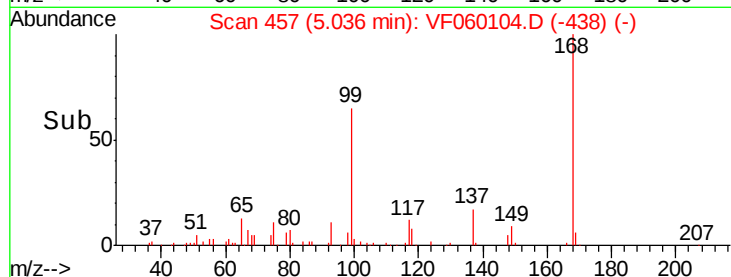
20000

10000

0

4.90 5.00 5.10 5.20 5.30

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.08 min Scan# 56

Delta R.T. 0.01 min

Lab File: VF060104.D

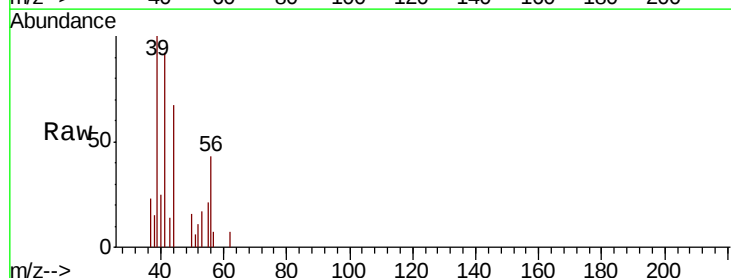
Acq: 24 Aug 2018 17:11

Tgt Ion: 50 Resp: 672

Ion Ratio Lower Upper

50 100

52 69.0 27.6 41.4#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

1.08

300

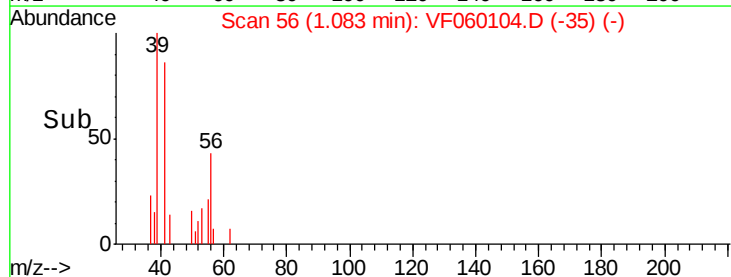
200

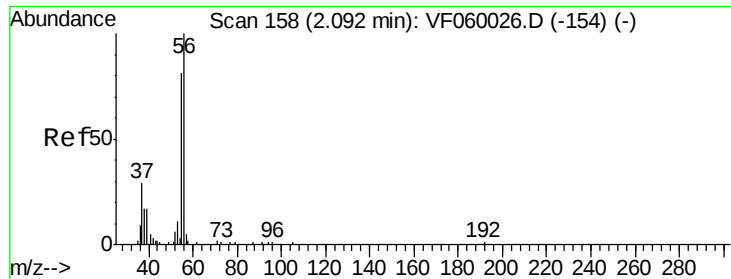
100

0

1.05 1.10 1.15

Time-->





#13

Acrolein

Concen: 28.66 ug/l

RT: 2.10 min Scan# 159

Delta R.T. 0.01 min

Lab File: VF060104.D

Acq: 24 Aug 2018 17:11

Instrument :

MSVOA_F

ClientSampleId :

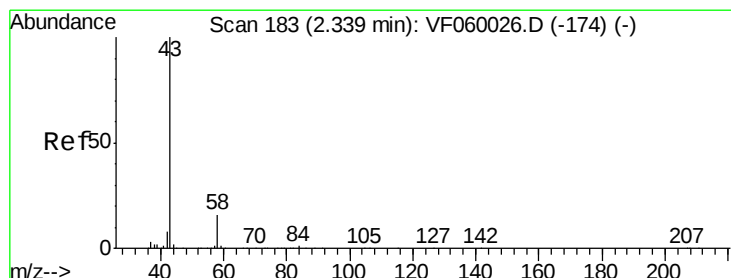
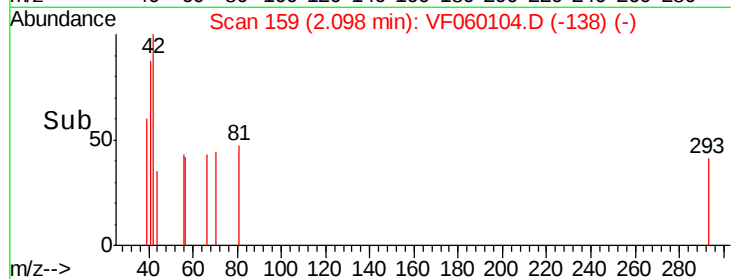
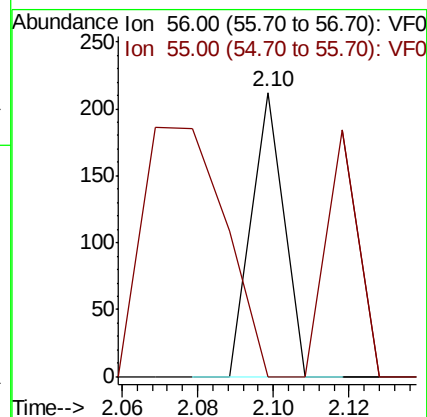
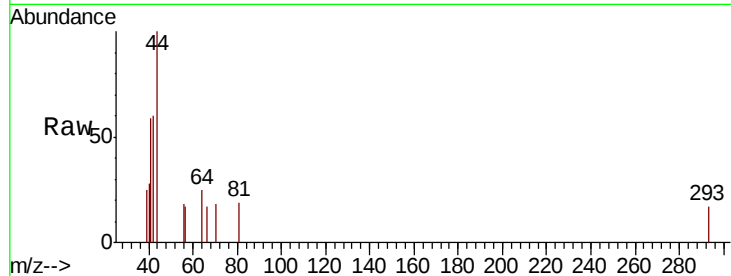
FK-BPM-03-002-ABCD

Tot Ion: 56 Resp: 125

Ion Ratio Lower Upper

56 100

55 0.0 65.6 98.4#



#16

Acetone

Concen: 10.96 ug/l

RT: 2.33 min Scan# 182

Delta R.T. -0.01 min

Lab File: VF060104.D

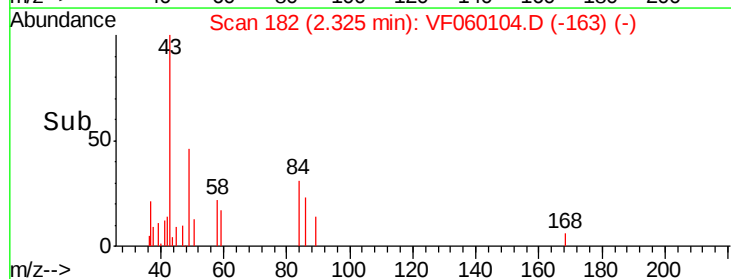
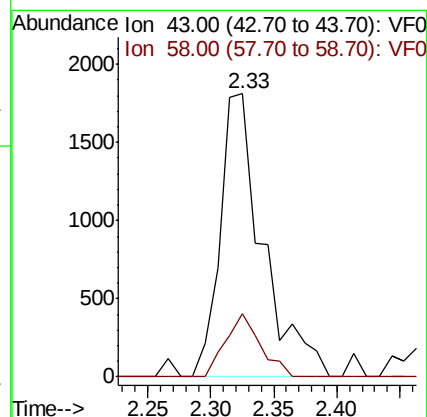
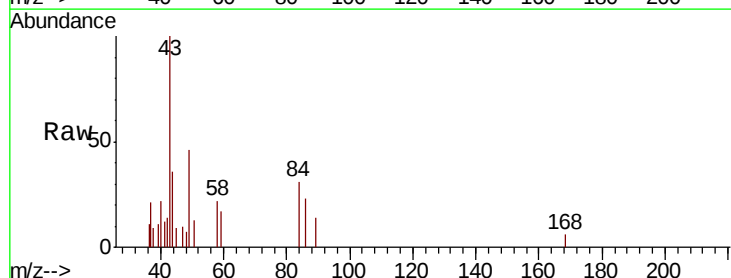
Acq: 24 Aug 2018 17:11

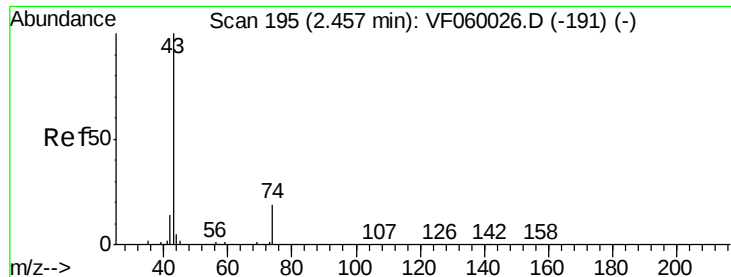
Tgt Ion: 43 Resp: 4243

Ion Ratio Lower Upper

43 100

58 22.1 12.6 19.0#

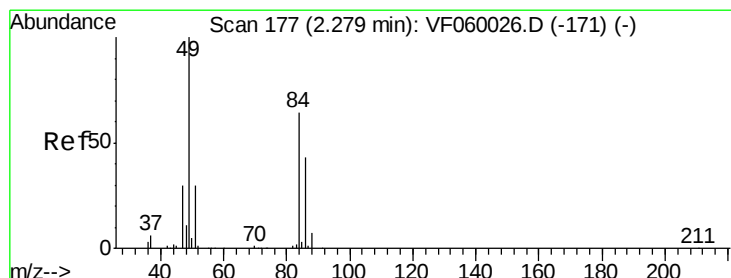
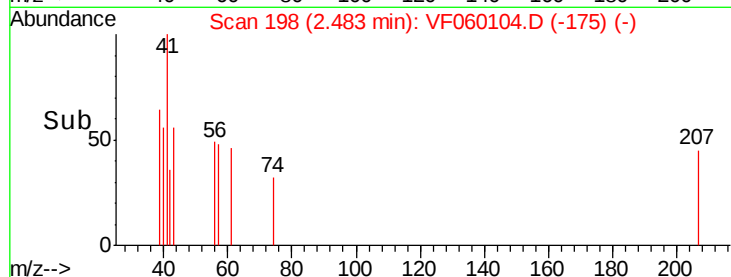
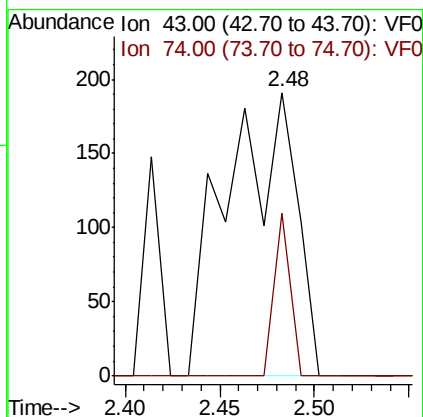
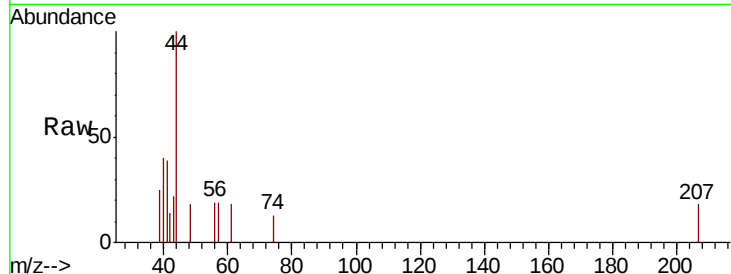




#18
Methyl Acetate
Concen: Below Cal
RT: 2.48 min Scan# 198
Delta R.T. 0.03 min
Lab File: VF060104.D
Acq: 24 Aug 2018 17:11

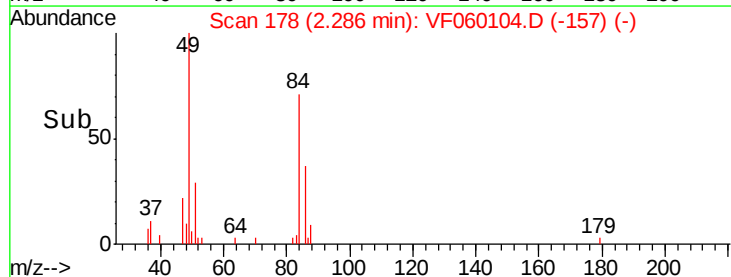
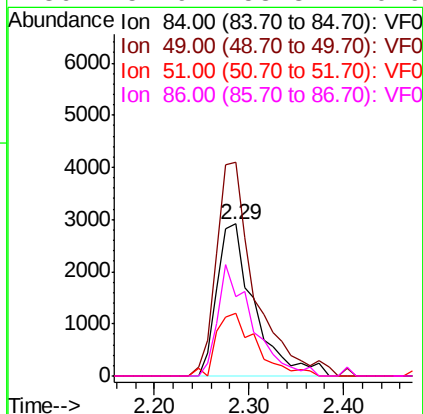
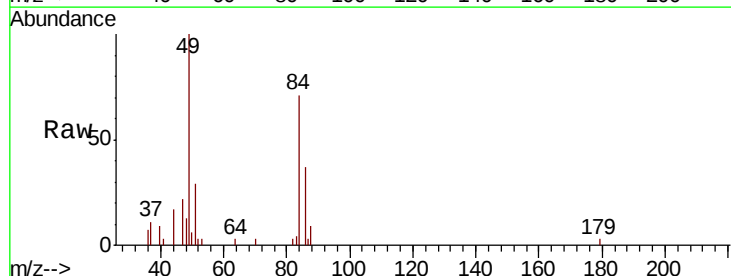
Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-03-002-ABCD

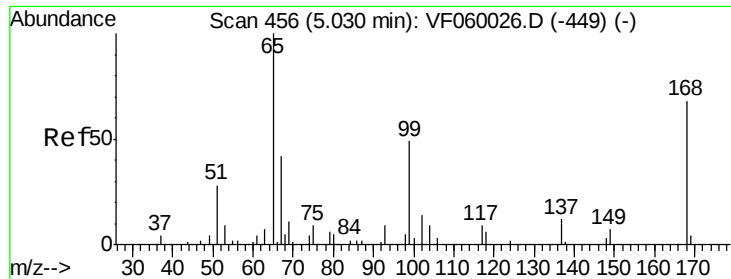
Tot Ion: 43 Resp: 484
Ion Ratio Lower Upper
43 100
74 57.6 13.8 20.6#



#20
Methylene Chloride
Concen: 5.99 ug/l
RT: 2.29 min Scan# 178
Delta R.T. 0.01 min
Lab File: VF060104.D
Acq: 24 Aug 2018 17:11

Tgt Ion: 84 Resp: 8009
Ion Ratio Lower Upper
84 100
49 140.6 125.4 188.0
51 40.9 38.3 57.5
86 51.9 53.3 79.9#

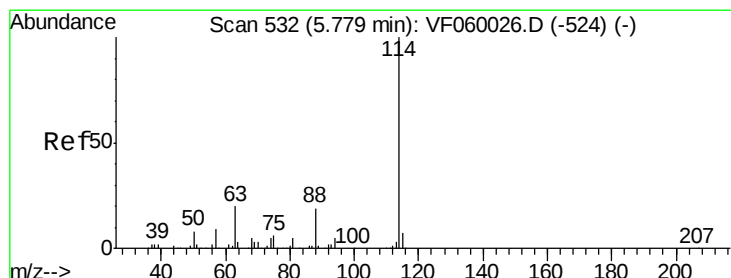
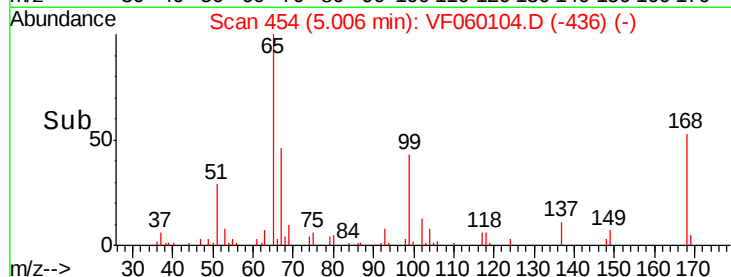
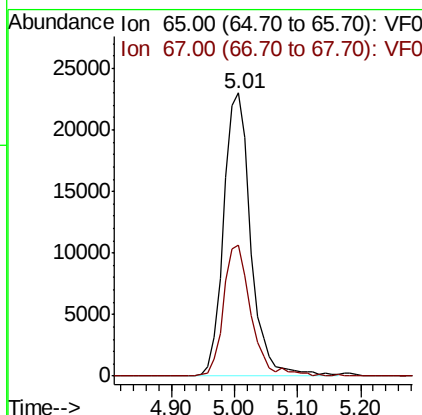
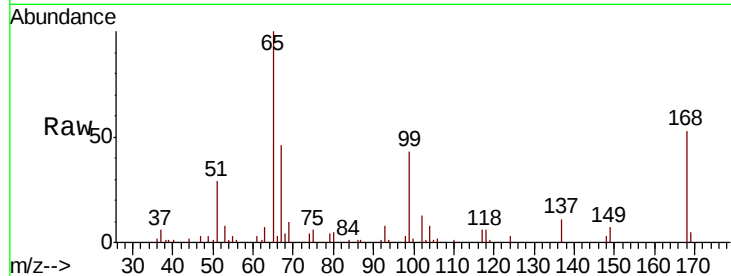




#33
 1,2-Dichloroethane-d4
 Concen: 46.56 ug/l
 RT: 5.01 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: VF060104.D
 Acq: 24 Aug 2018 17:11

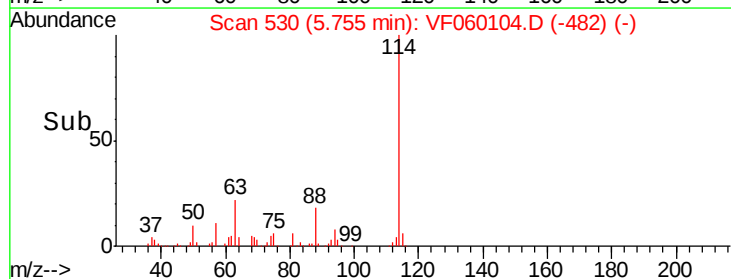
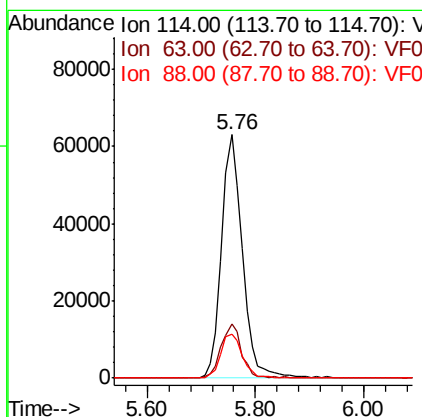
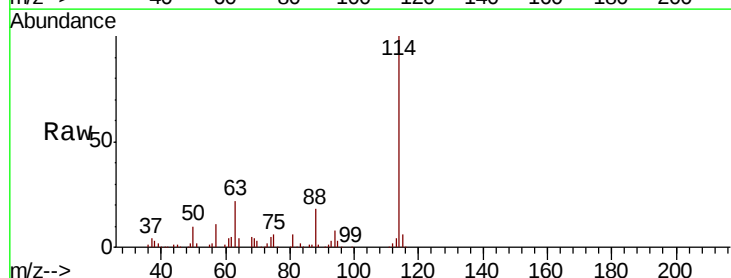
Instrument :
 MSVOA_F
 ClientSampleId :
 FK-BPM-03-002-ABCD

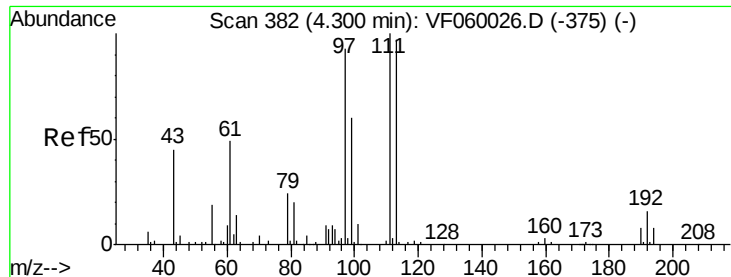
Tot Ion: 65 Resp: 68581
 Ion Ratio Lower Upper
 65 100
 67 46.5 0.0 92.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. -0.02 min
 Lab File: VF060104.D
 Acq: 24 Aug 2018 17:11

Tgt Ion: 114 Resp: 168823
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 40.4
 88 18.1 0.0 38.6

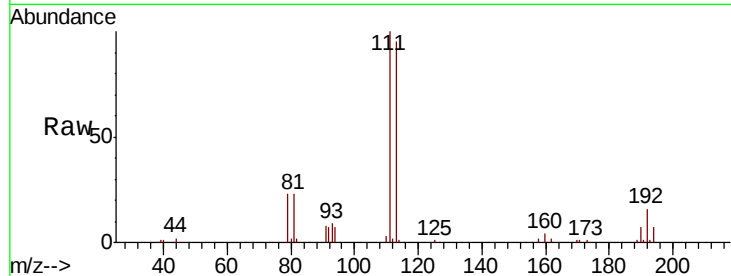




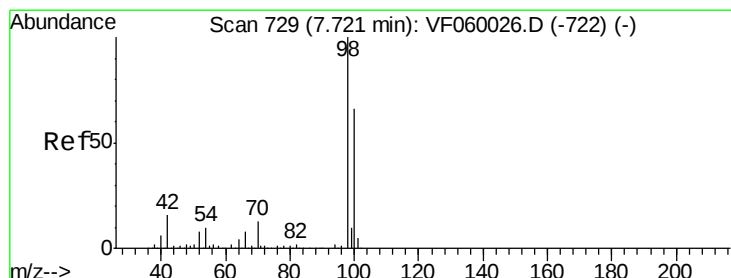
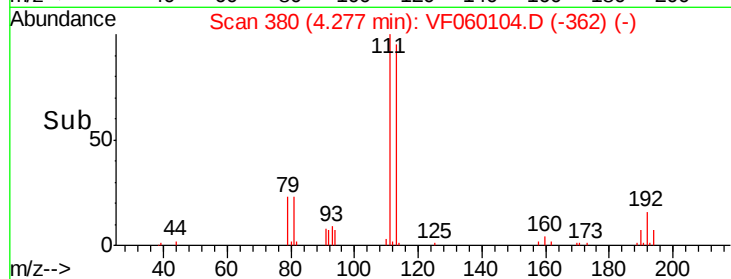
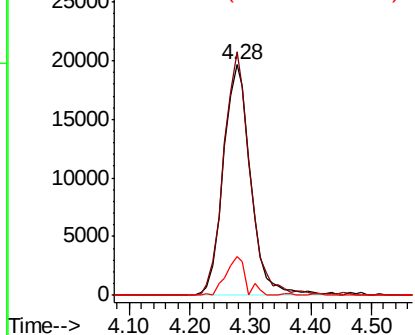
#35
 Dibromofluoromethane
 Concen: 46.58 ug/l
 RT: 4.28 min Scan# 380
 Delta R.T. -0.02 min
 Lab File: VF060104.D
 Acq: 24 Aug 2018 17:11

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-BPM-03-002-ABCD

Tot Ion:113 Resp: 61749
 Ion Ratio Lower Upper
 113 100
 111 105.6 82.7 124.1
 192 17.0 13.0 19.4

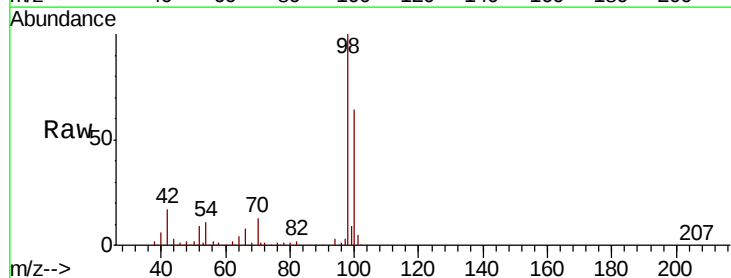


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

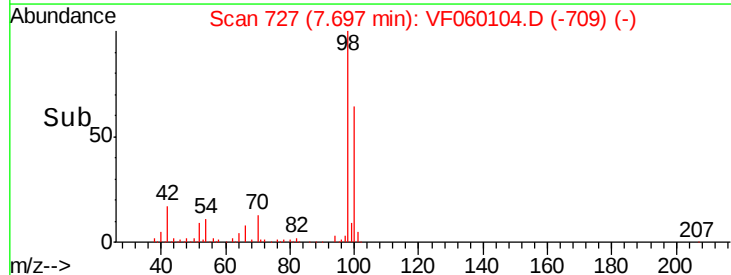
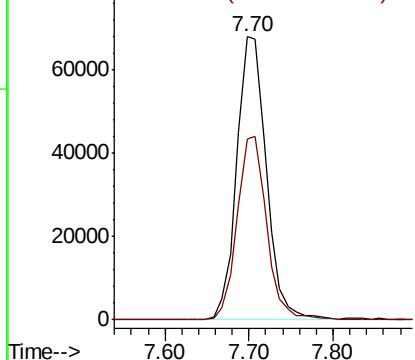


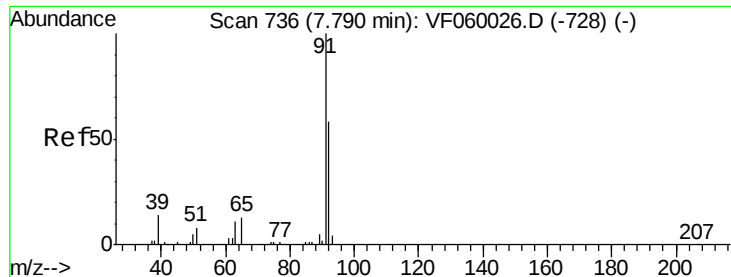
#50
 Toluene-d8
 Concen: 44.38 ug/l
 RT: 7.70 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: VF060104.D
 Acq: 24 Aug 2018 17:11

Tgt Ion: 98 Resp: 167093
 Ion Ratio Lower Upper
 98 100
 100 64.0 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VF0
 Ion 100.00 (99.70 to 100.70): VF





#52

Toluene

Concen: Below Cal

RT: 7.80 min Scan# 737

Delta R.T. 0.01 min

Lab File: VF060104.D

Acq: 24 Aug 2018 17:11

Instrument :

MSVOA_F

ClientSampleId :

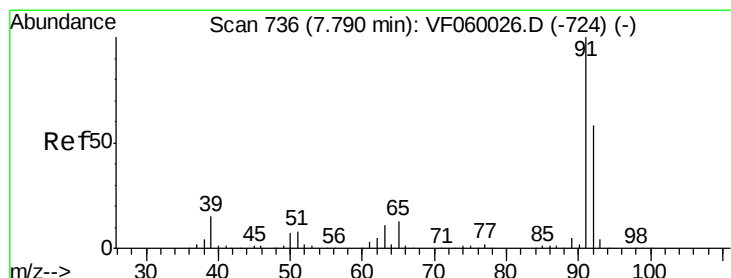
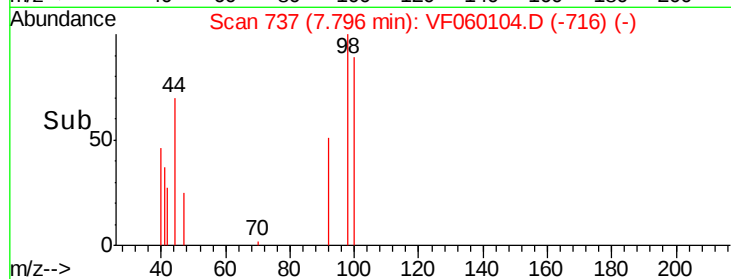
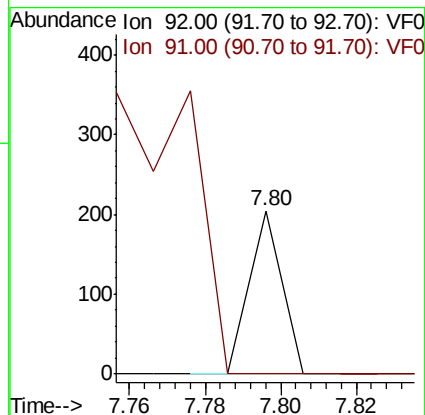
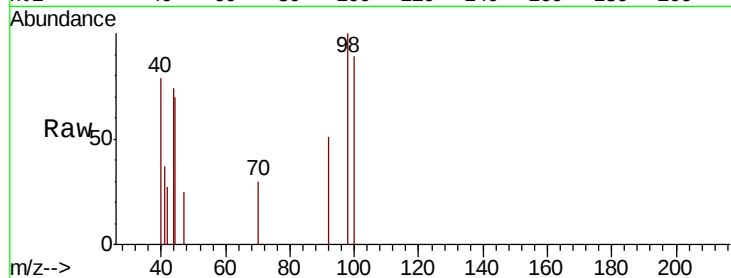
FK-BPM-03-002-ABCD

Tot Ion: 92 Resp: 121

Ion Ratio Lower Upper

92 100

91 0.0 137.7 206.5#



#58

2-Chloroethyl Vinyl ether

Concen: 1.73 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.08 min

Lab File: VF060104.D

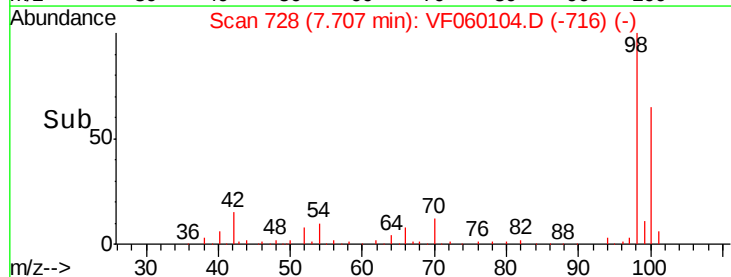
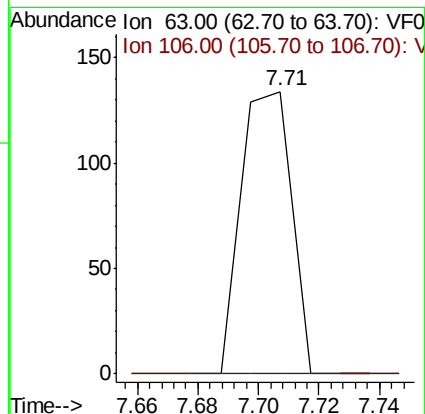
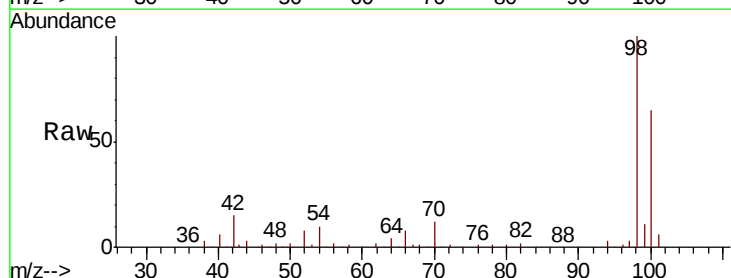
Acq: 24 Aug 2018 17:11

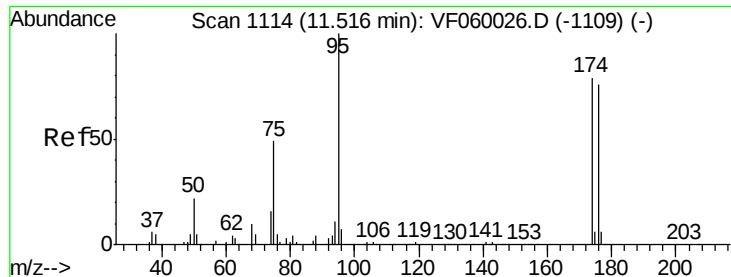
Tgt Ion: 63 Resp: 155

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0





#62

4-Bromofluorobenzene

Concen: 38.76 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF060104.D

Acq: 24 Aug 2018 17:11

Instrument :

MSVOA_F

ClientSampleId :

FK-BPM-03-002-ABCD

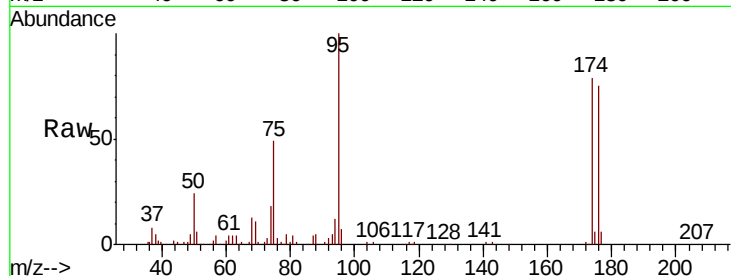
Tot Ion: 95 Resp: 77196

Ion Ratio Lower Upper

95 100

174 79.0 0.0 158.4

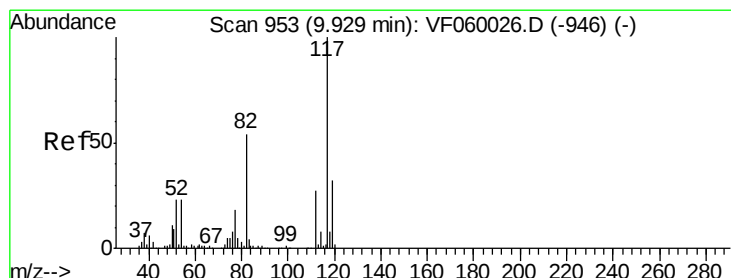
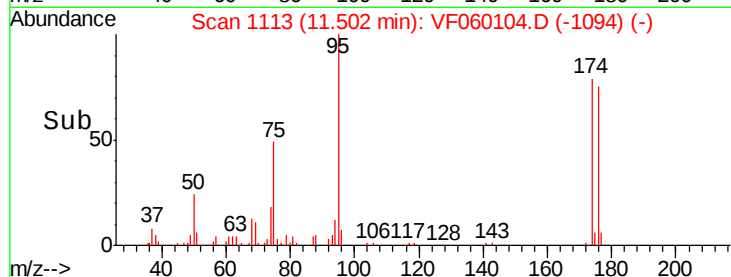
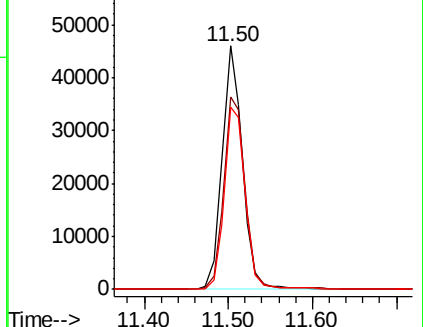
176 75.0 0.0 153.0



Abundance Ion 95.00 (94.70 to 95.70): VF060104.D (-1109) (-)

Ion 174.00 (173.70 to 174.70): VF060104.D (-1109) (-)

Ion 176.00 (175.70 to 176.70): VF060104.D (-1109) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.91 min Scan# 951

Delta R.T. -0.02 min

Lab File: VF060104.D

Acq: 24 Aug 2018 17:11

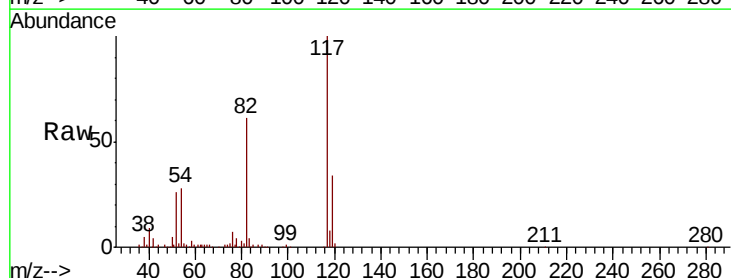
Tgt Ion: 117 Resp: 171522

Ion Ratio Lower Upper

117 100

82 61.1 43.6 65.4

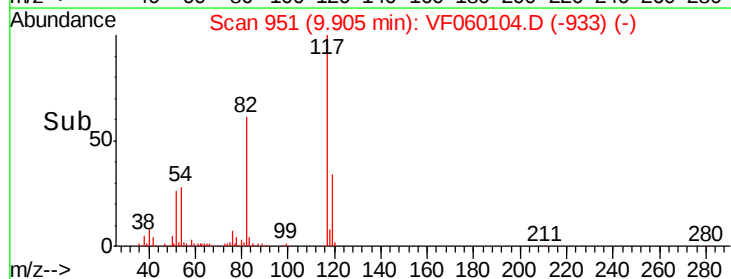
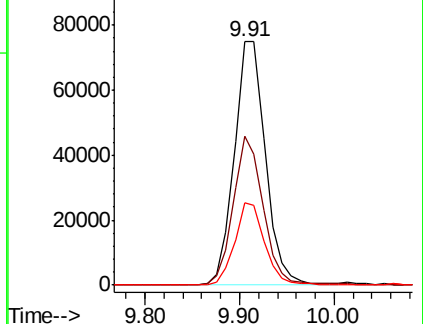
119 33.6 25.6 38.4

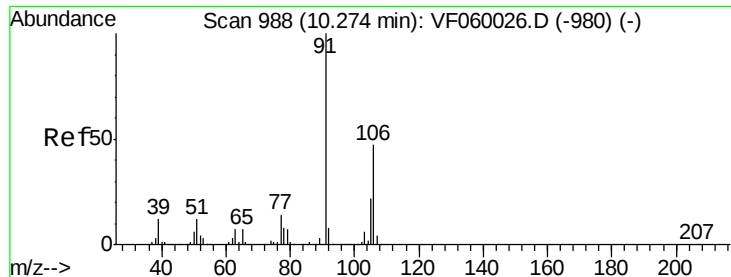


Abundance Ion 117.00 (116.70 to 117.70): VF060104.D (-933) (-)

Ion 82.00 (81.70 to 82.70): VF060104.D (-933) (-)

Ion 119.00 (118.70 to 119.70): VF060104.D (-933) (-)

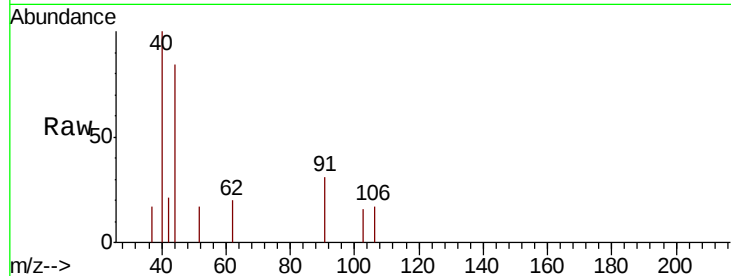




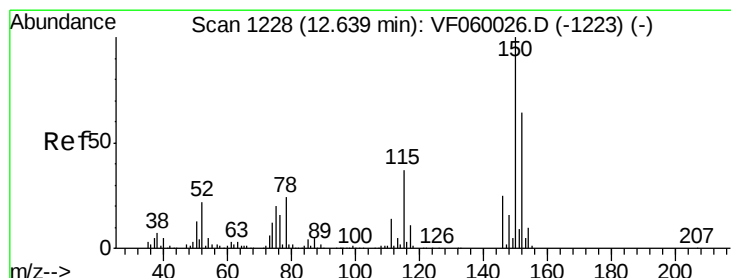
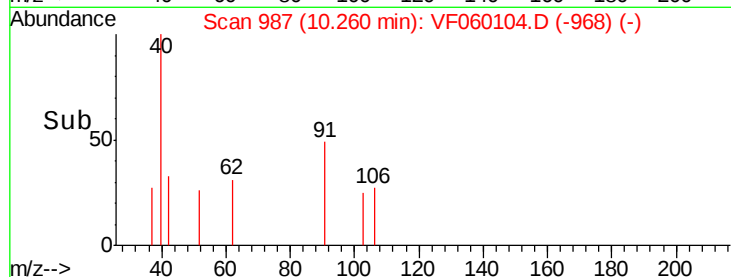
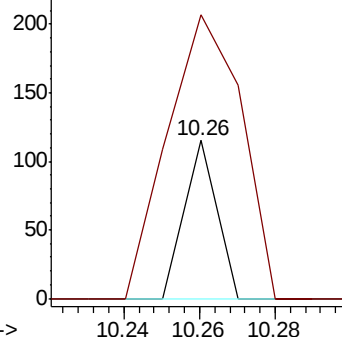
#68
m/p-Xvlenes
Concen: Below Cal
RT: 10.26 min Scan# 987
Delta R.T. -0.01 min
Lab File: VF060104.D
Acq: 24 Aug 2018 17:11

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-03-002-ABCD

Tot Ion:106 Resp: 68
Ion Ratio Lower Upper
106 100
91 180.0 171.8 257.8

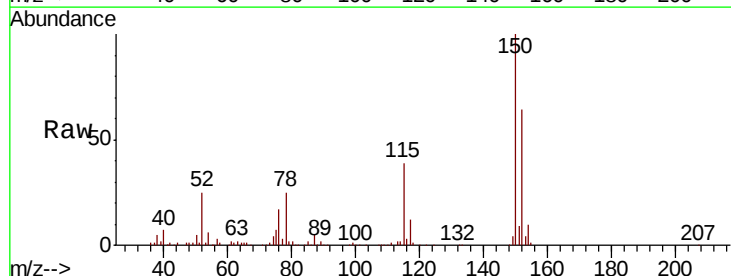


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

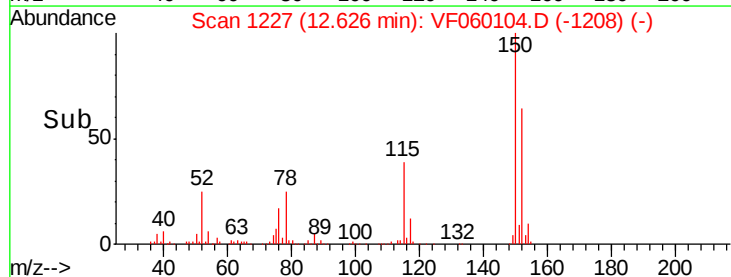
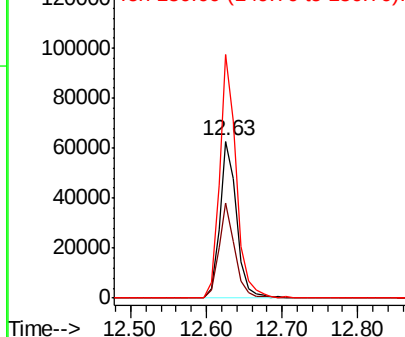


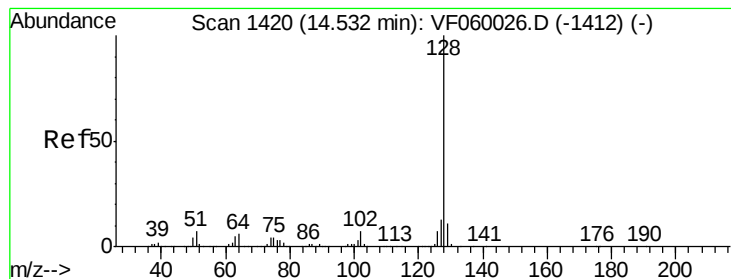
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF060104.D
Acq: 24 Aug 2018 17:11

Tgt Ion:152 Resp: 97763
Ion Ratio Lower Upper
152 100
115 60.6 28.6 85.9
150 155.1 0.0 312.0



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#95

Naphthalene

Concen: 2.35 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. -0.01 min

Lab File: VF060104.D

Acq: 24 Aug 2018 17:11

Instrument :

MSVOA_F

ClientSampleId :

FK-BPM-03-002-ABCD

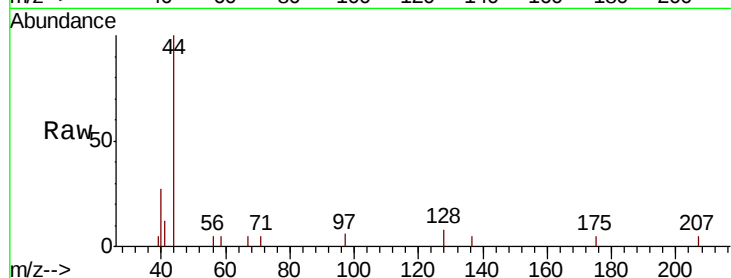
Tot Ion:128 Resp: 247

Ion Ratio Lower Upper

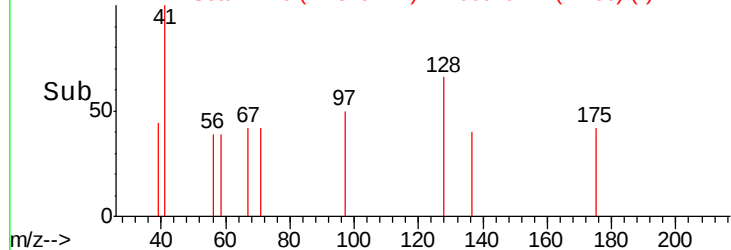
128 100

127 0.0 10.4 15.6#

129 0.0 8.5 12.7#



Scan 1419 (14.519 min): VF060104.D (-1400) (-)



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

