

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070720\
 Data File : VY003124.D
 Acq On : 07 Jul 2020 14:15
 Operator : SY/MD
 Sample : L3230-02
 Misc : 7.48G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-01-C4-D4-C4A-D4A

Quant Time: Jul 08 04:04:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

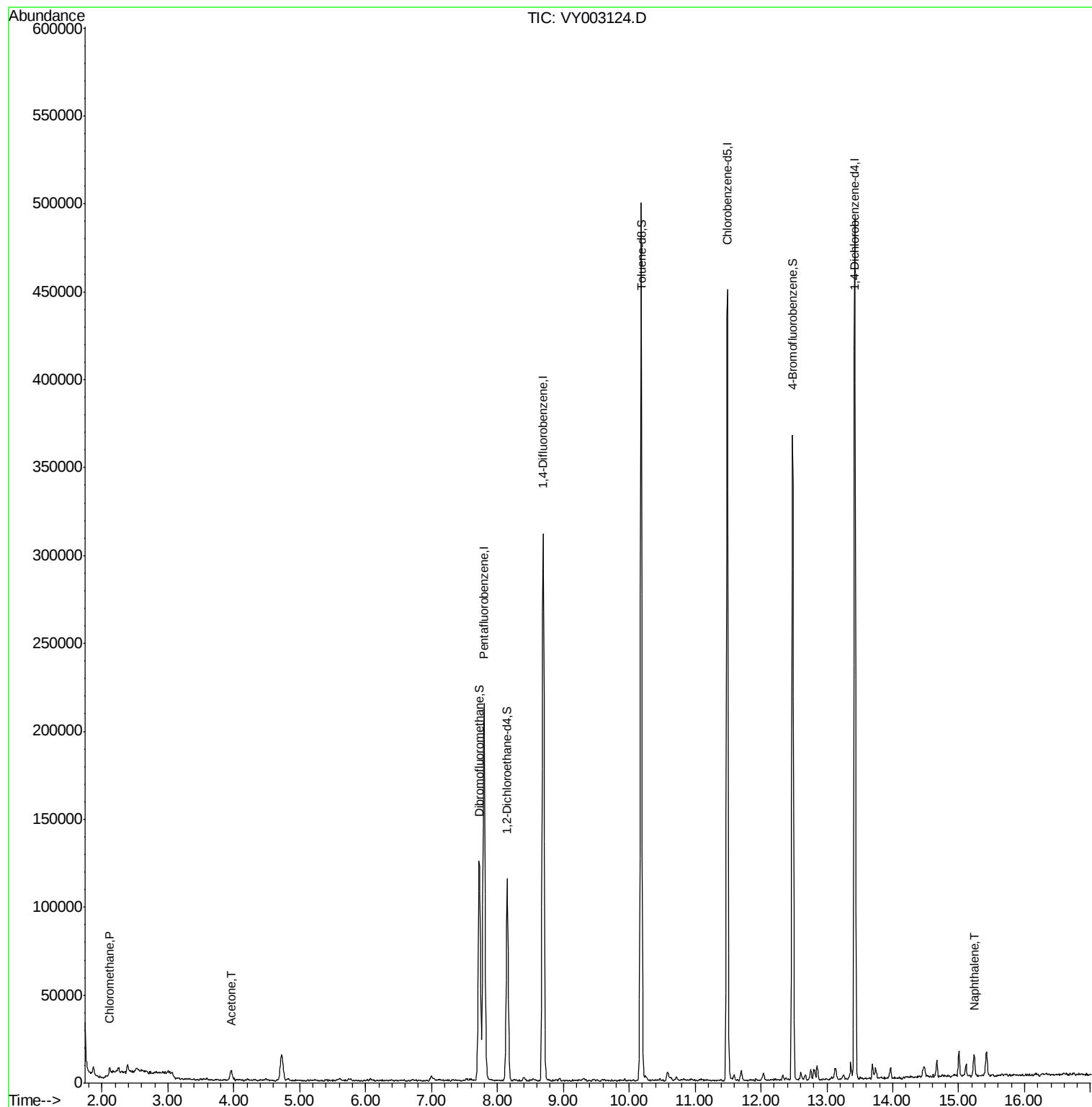
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	172247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	270545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	250944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	125613	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	87658	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
35) Dibromofluoromethane	7.72	113	87834	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
50) Toluene-d8	10.18	98	321197	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.48	95	108133	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
Target Compounds						
3) Chloromethane	2.11	50	2481	1.299	ug/l #	86
16) Acetone	3.96	43	9018	22.351	ug/l #	87
95) Naphthalene	15.23	128	8535	1.781	ug/l	96

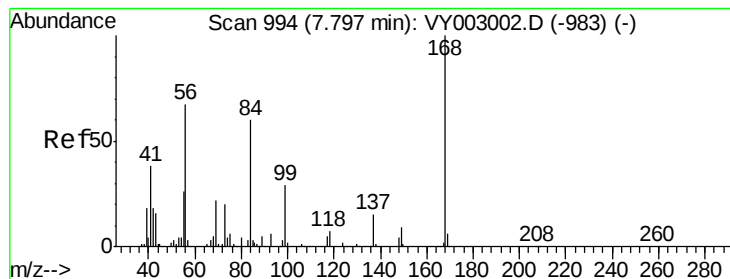
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070720\
Data File : VY003124.D
Acq On : 07 Jul 2020 14:15
Operator : SY/MD
Sample : L3230-02
Misc : 7.48G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4A

Quant Time: Jul 08 04:04:49 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003124.D

Acq: 07 Jul 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

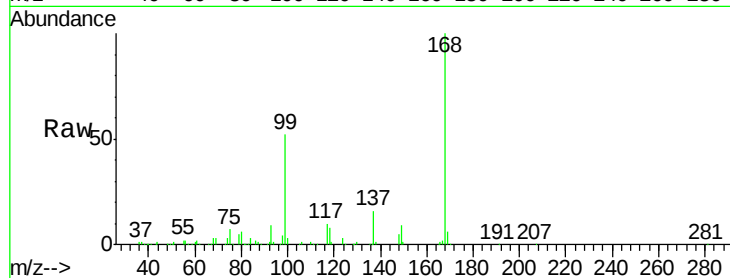
FK-BPM-01-C4-D4-C4A-D4A

Tot Ion:168 Resp: 172247

Ion Ratio Lower Upper

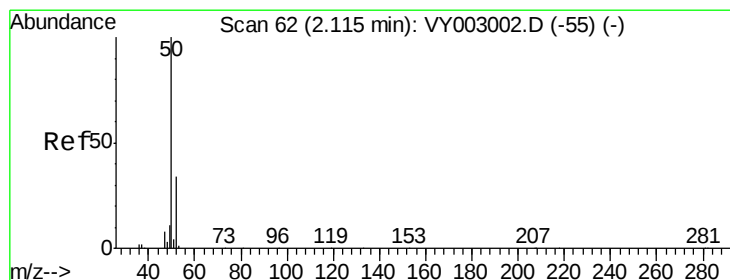
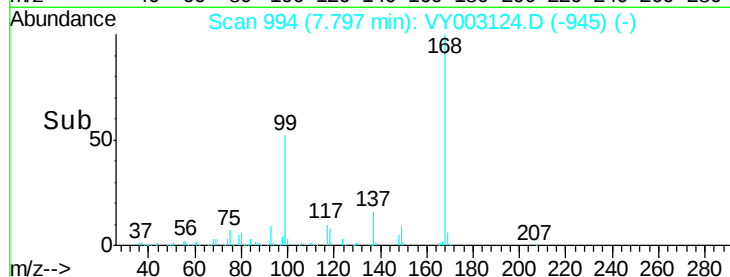
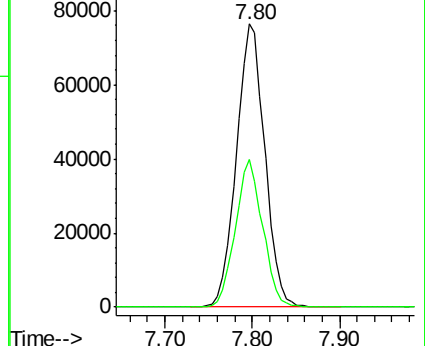
168 100

99 52.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003124.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003124.D (-945) (-)



#3

Chloromethane

Concen: 1.299 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003124.D

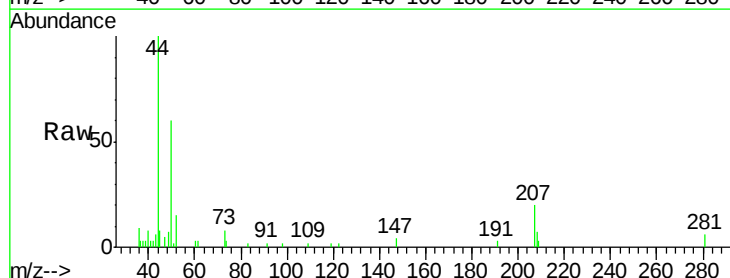
Acq: 07 Jul 2020 14:15

Tgt Ion: 50 Resp: 2481

Ion Ratio Lower Upper

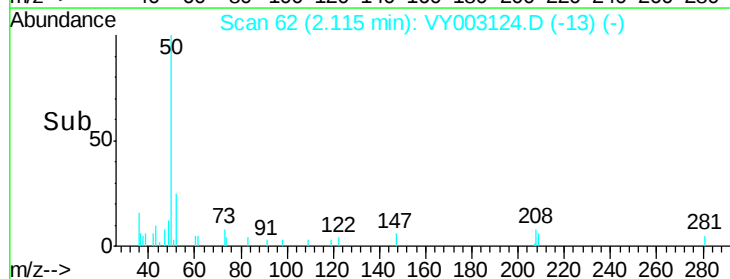
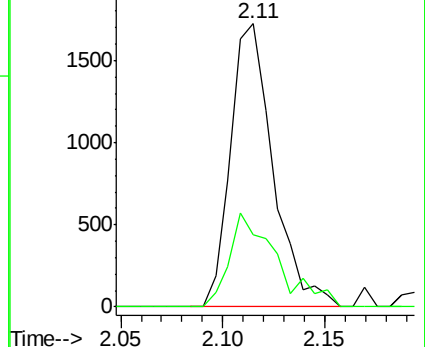
50 100

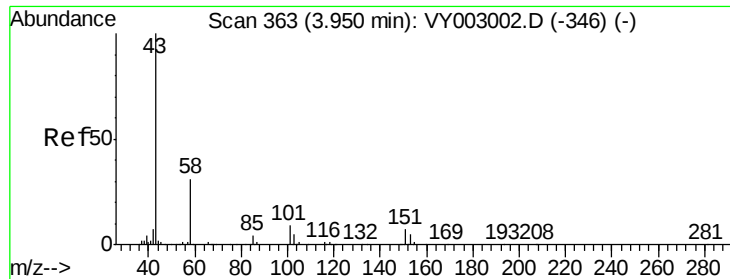
52 25.4 26.9 40.3#



Abundance Ion 49.90 (49.60 to 50.60): VY003124.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY003124.D (-13) (-)





#16

Acetone

Concen: 22.351 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003124.D

Acq: 07 Jul 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

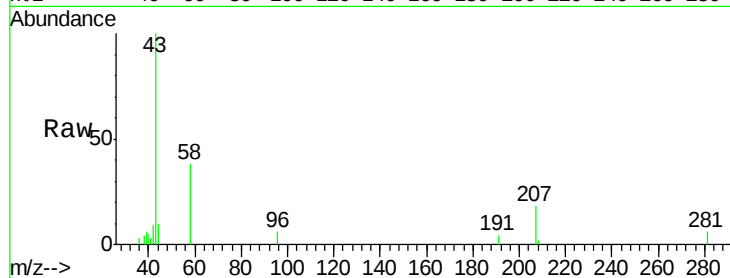
FK-BPM-01-C4-D4-C4A-D4A

Tot Ion: 43 Resp: 9018

Ion Ratio Lower Upper

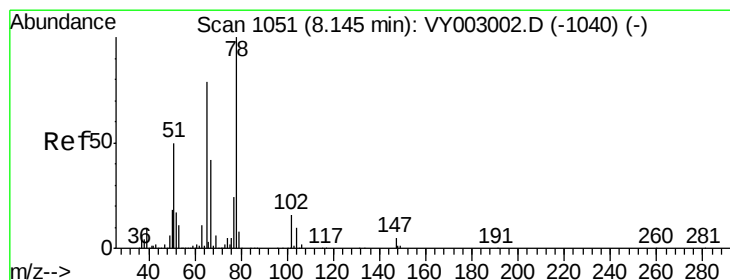
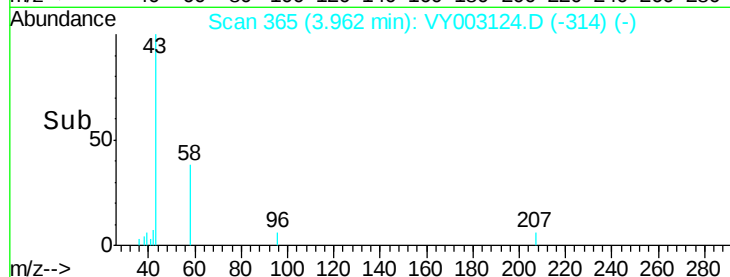
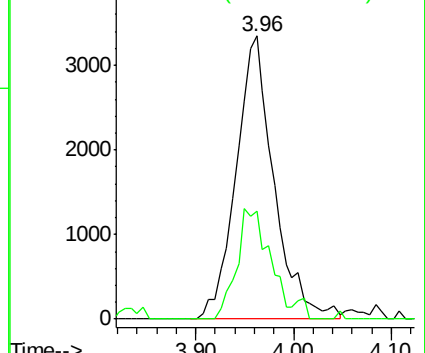
43 100

58 38.2 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 51.239 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003124.D

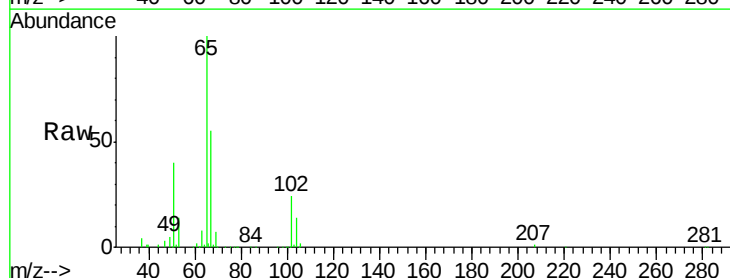
Acq: 07 Jul 2020 14:15

Tgt Ion: 65 Resp: 87658

Ion Ratio Lower Upper

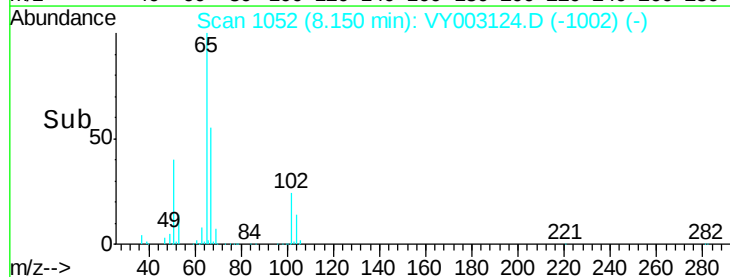
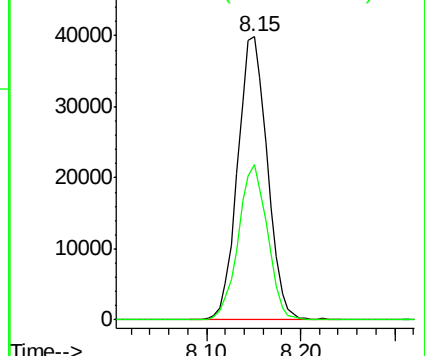
65 100

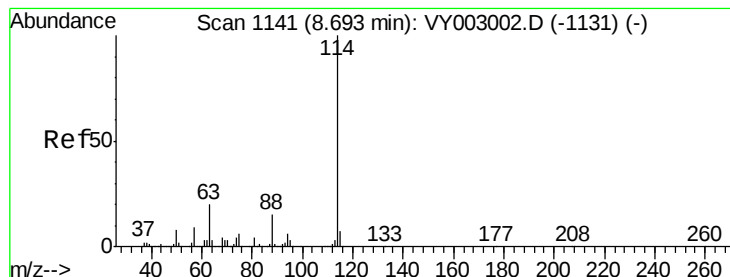
67 53.7 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003124.D

Acq: 07 Jul 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4A

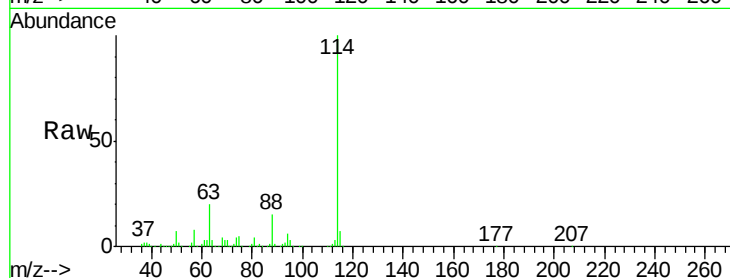
Tot Ion:114 Resp: 270545

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.6

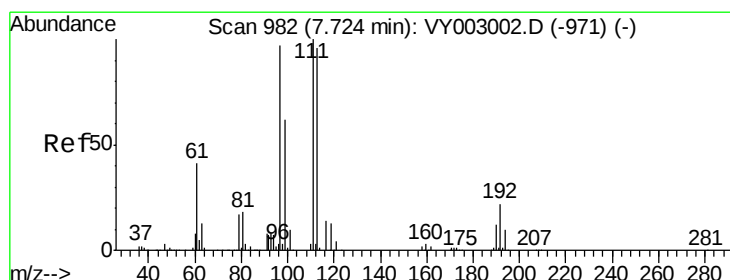
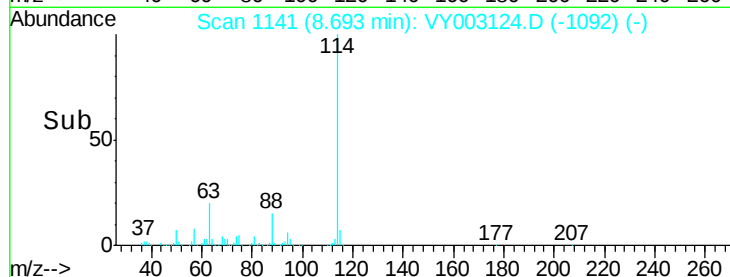
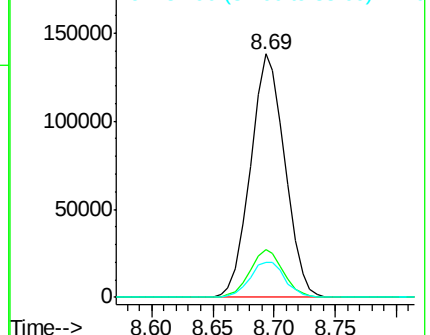
88 14.6 0.0 30.0



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: 52.043 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003124.D

Acq: 07 Jul 2020 14:15

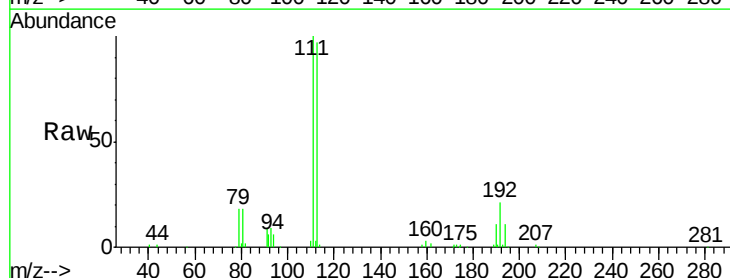
Tgt Ion:113 Resp: 87834

Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

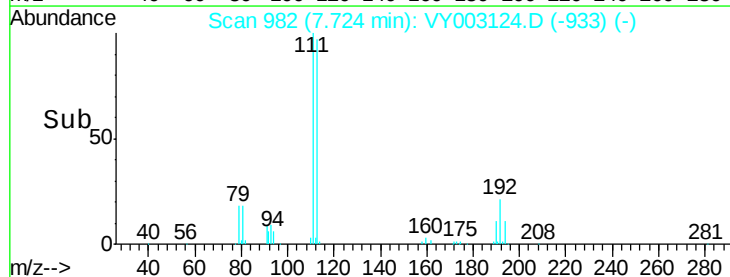
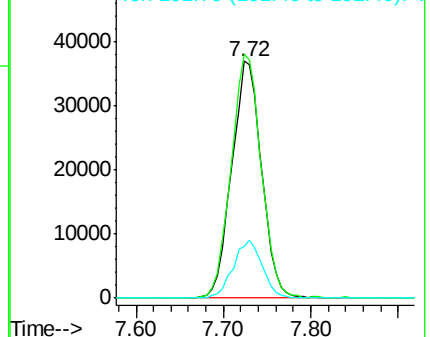
192 23.8 18.1 27.1

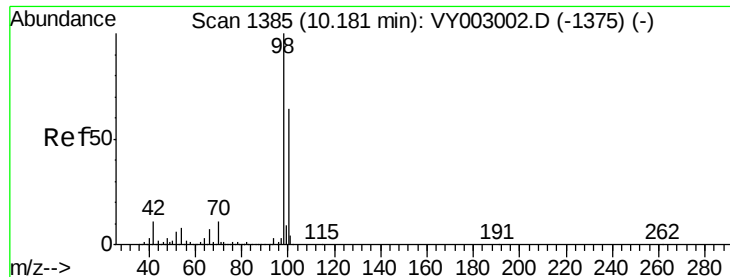


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.085 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003124.D

Acq: 07 Jul 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

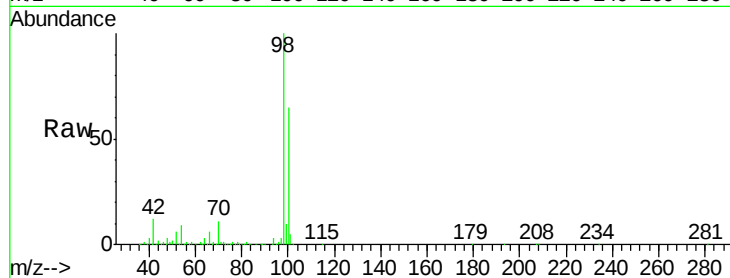
FK-BPM-01-C4-D4-C4A-D4A

Tot Ion: 98 Resp: 321197

Ion Ratio Lower Upper

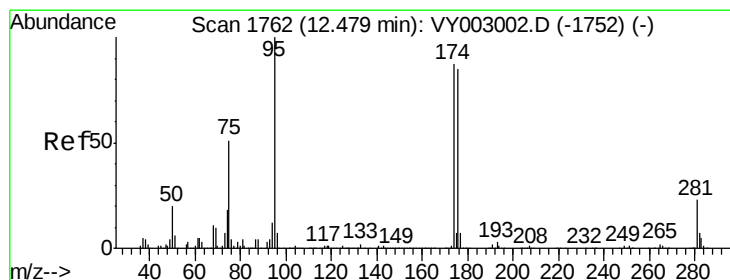
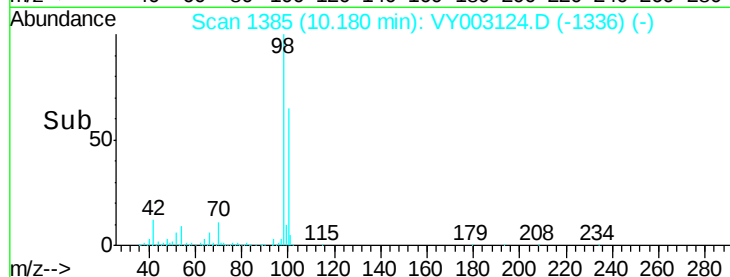
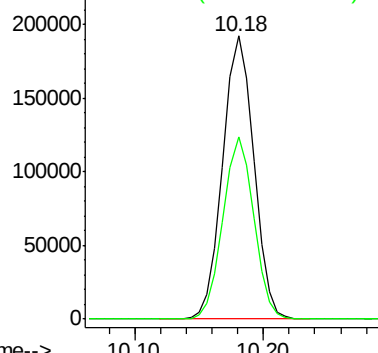
98 100

100 63.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 48.858 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003124.D

Acq: 07 Jul 2020 14:15

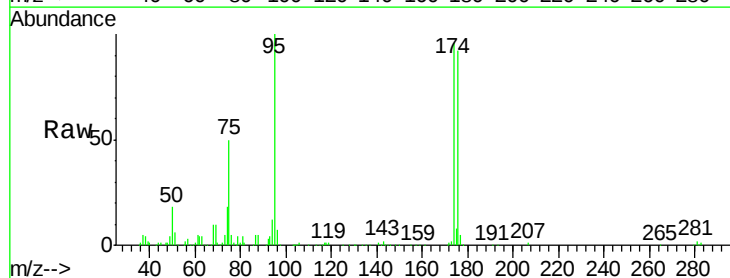
Tgt Ion: 95 Resp: 108133

Ion Ratio Lower Upper

95 100

174 97.1 0.0 184.8

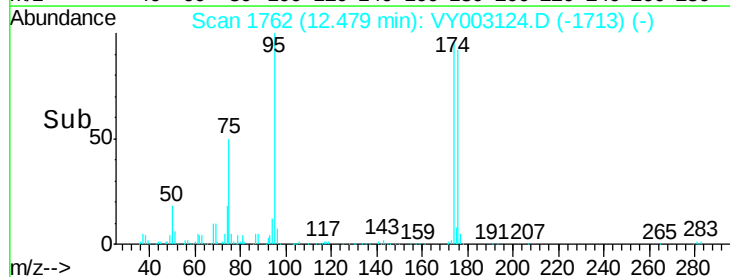
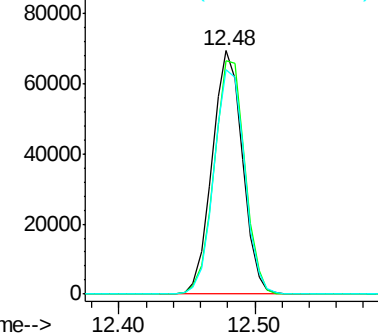
176 93.4 0.0 183.0

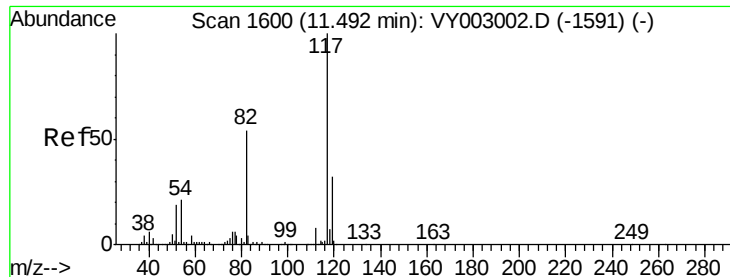


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003124.D

Acq: 07 Jul 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4A

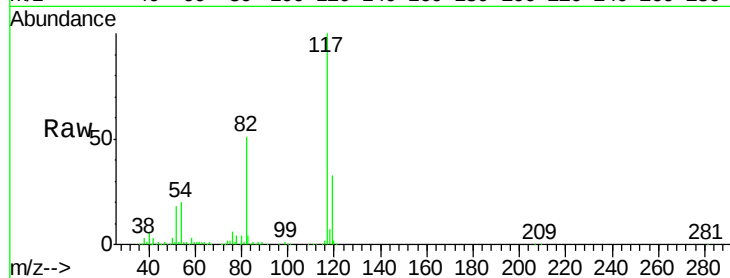
Tot Ion:117 Resp: 250944

Ion Ratio Lower Upper

117 100

82 51.3 43.0 64.6

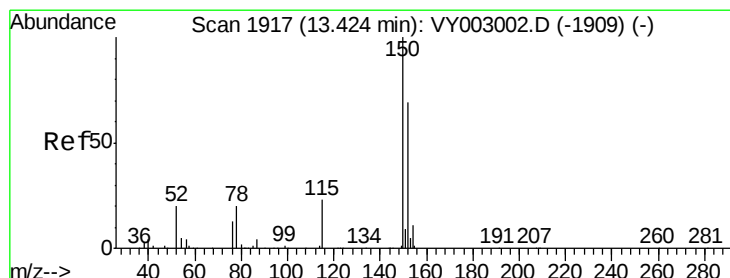
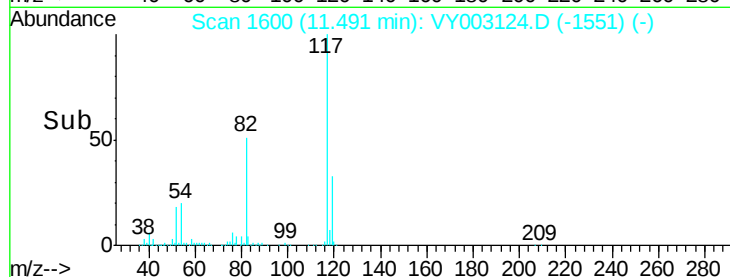
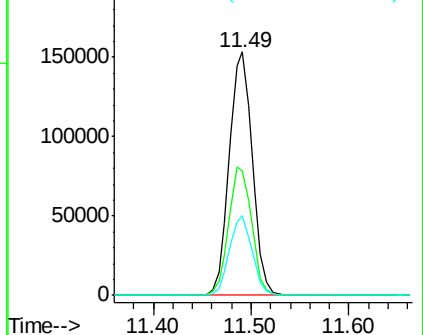
119 33.0 25.8 38.8



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: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003124.D

Acq: 07 Jul 2020 14:15

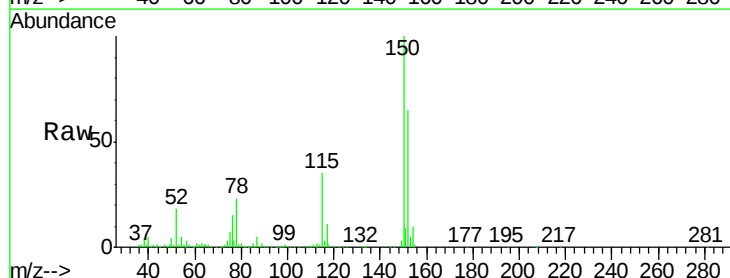
Tgt Ion:152 Resp: 125613

Ion Ratio Lower Upper

152 100

115 53.6 27.3 81.9

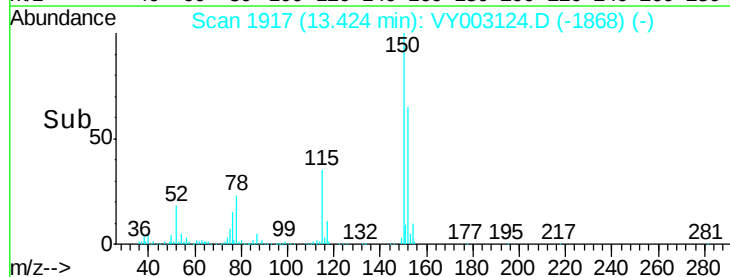
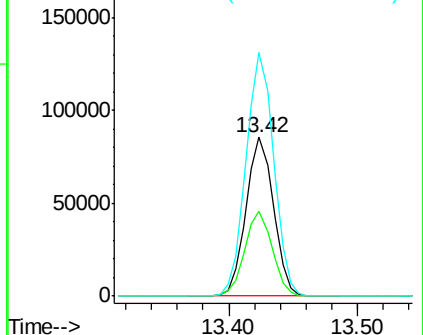
150 154.9 0.0 343.4

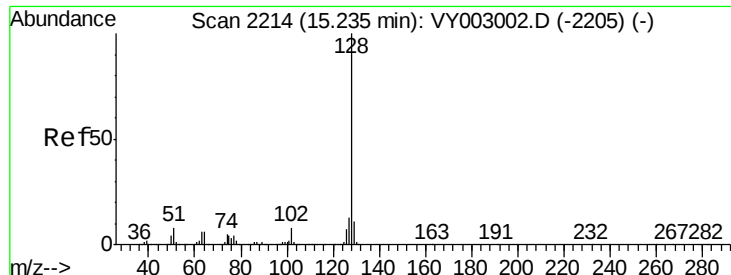


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 1.781 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003124.D

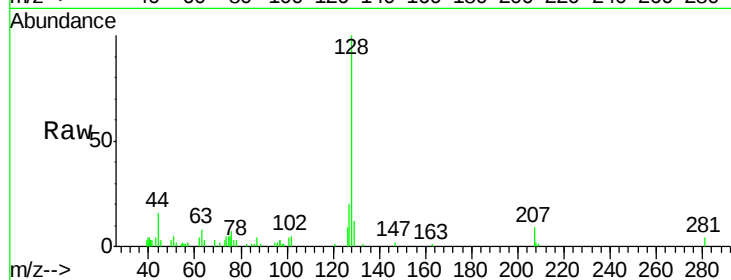
Acq: 07 Jul 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

FK-BPM-01-C4-D4-C4A-D4A



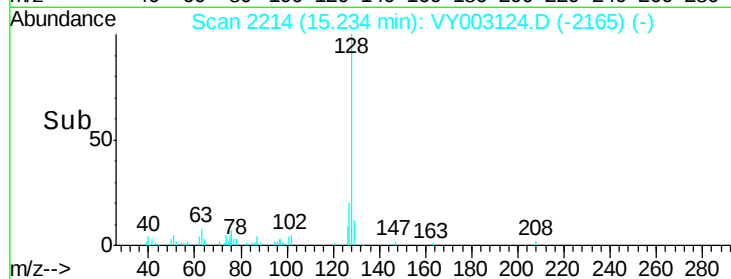
Tot Ion:128 Resp: 8535

Ion Ratio Lower Upper

128 100

127 14.8 10.8 16.2

129 12.9 8.8 13.2



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

