

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021320\
 Data File : VY001627.D
 Acq On : 13 Feb 2020 15:45
 Operator : SY/MD
 Sample : L1528-02
 Misc : 5.23G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-048-A

Quant Time: Feb 14 06:53:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	172628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	309671	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	268010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	110744	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	94354	54.29	ug/l	0.00
Spiked Amount			Recovery	=	108.58%	
35) Dibromofluoromethane	7.74	113	88031	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
50) Toluene-d8	10.19	98	364652	53.97	ug/l	0.00
Spiked Amount			Recovery	=	107.94%	
62) 4-Bromofluorobenzene	12.50	95	116999	43.96	ug/l	0.01
Spiked Amount			Recovery	=	87.92%	

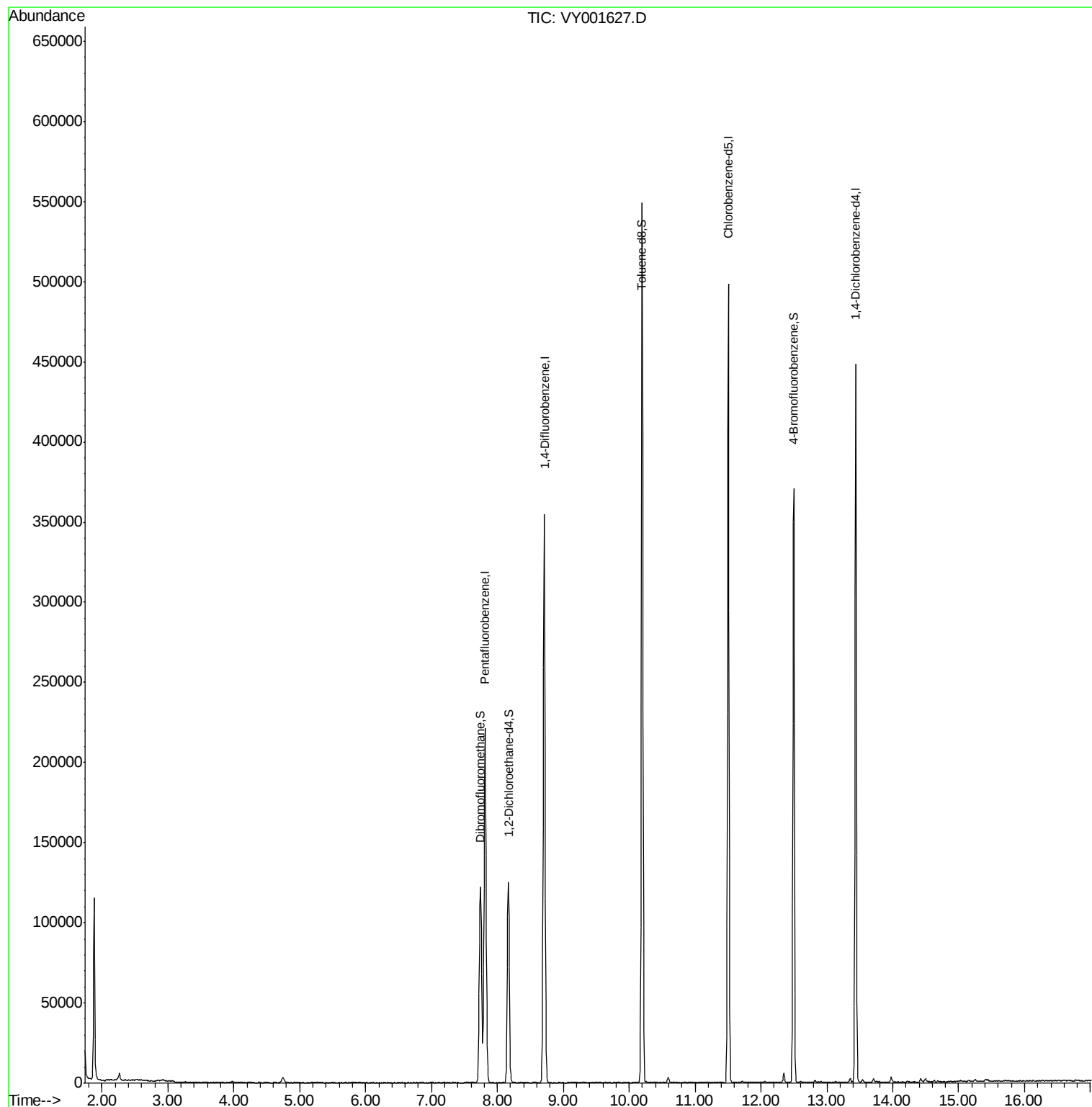
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001627.D

Acq: 13 Feb 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

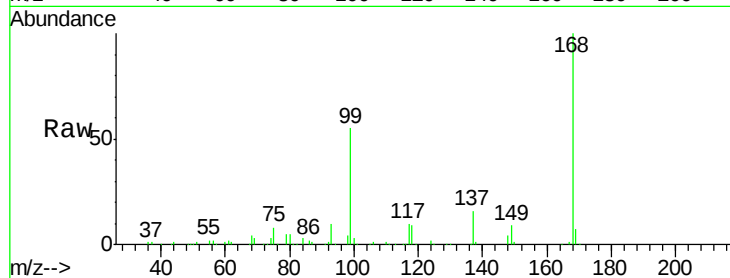
FK-GF-02-048-A

Tot Ion:168 Resp: 172628

Ion Ratio Lower Upper

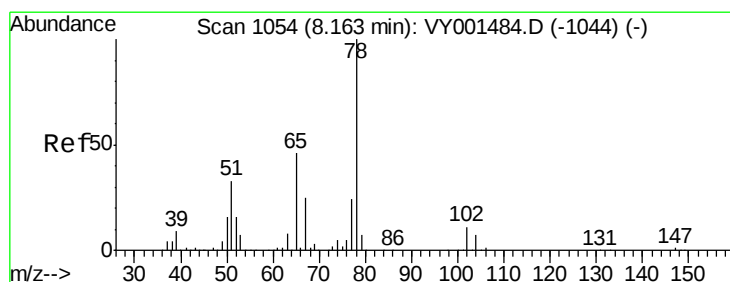
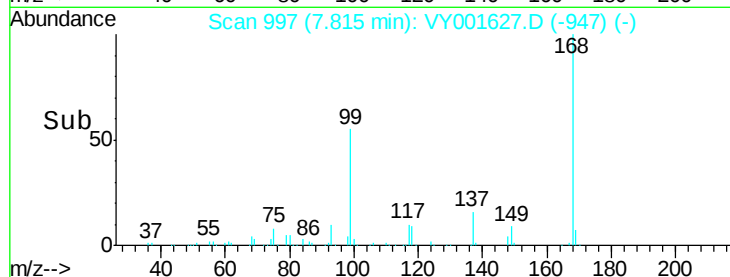
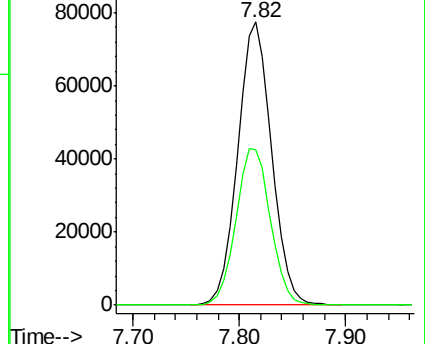
168 100

99 54.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001627.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001627.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.285 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY001627.D

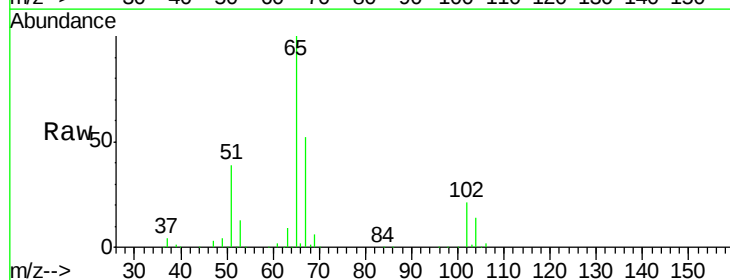
Acq: 13 Feb 2020 15:45

Tgt Ion: 65 Resp: 94354

Ion Ratio Lower Upper

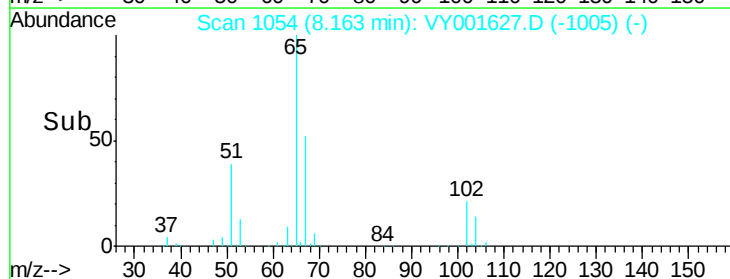
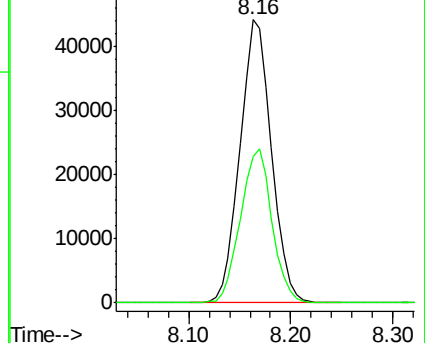
65 100

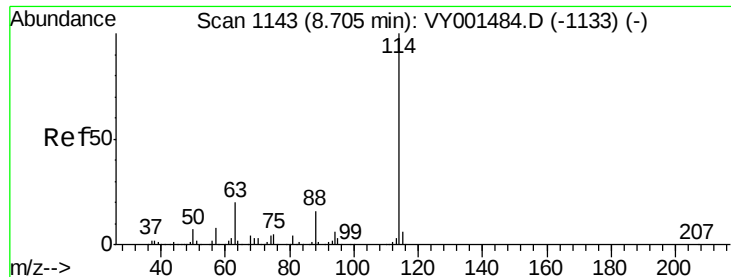
67 54.4 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001627.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY001627.D (-1005) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY001627.D

Acq: 13 Feb 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-048-A

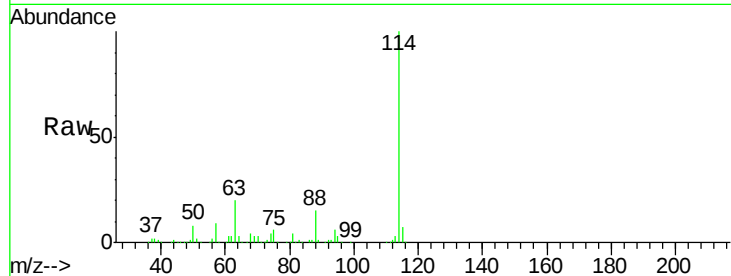
Tot Ion:114 Resp: 309671

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.8

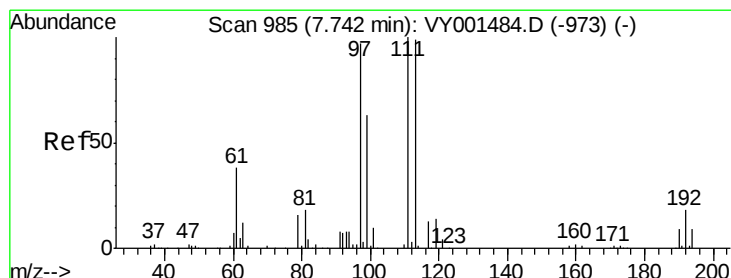
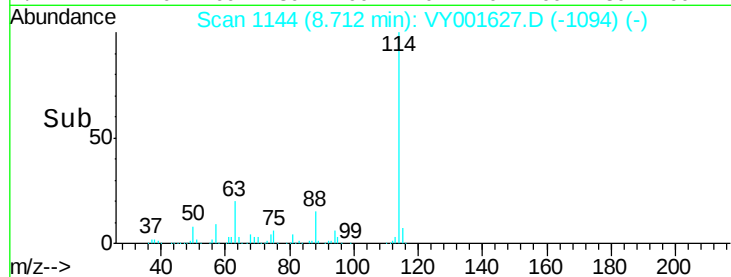
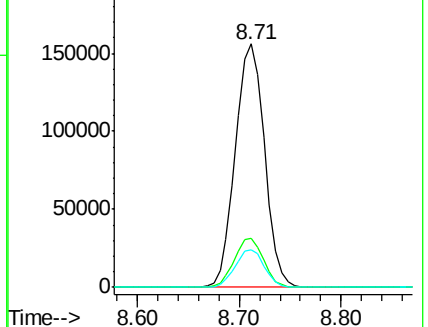
88 15.4 0.0 32.6



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: 49.297 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.00 min

Lab File: VY001627.D

Acq: 13 Feb 2020 15:45

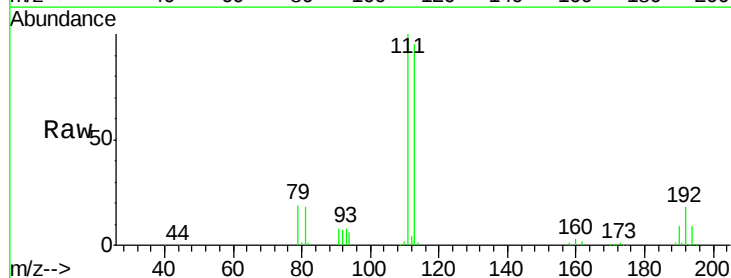
Tgt Ion:113 Resp: 88031

Ion Ratio Lower Upper

113 100

111 104.6 82.9 124.3

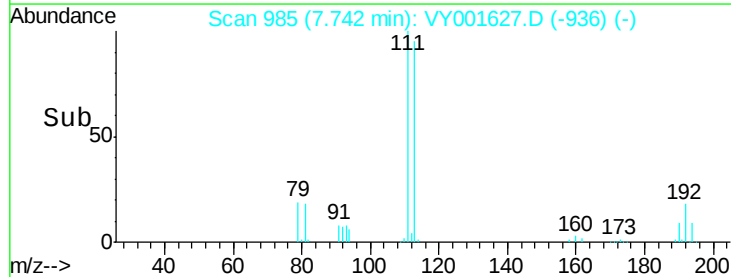
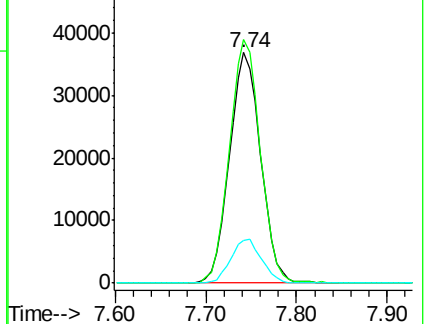
192 18.8 14.6 22.0

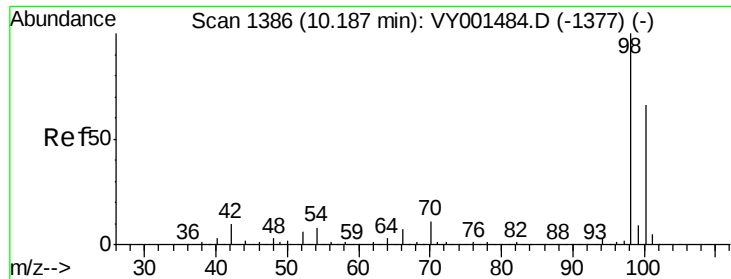


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.974 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001627.D

Acq: 13 Feb 2020 15:45

Instrument :

MSVOA_Y

ClientSampleId :

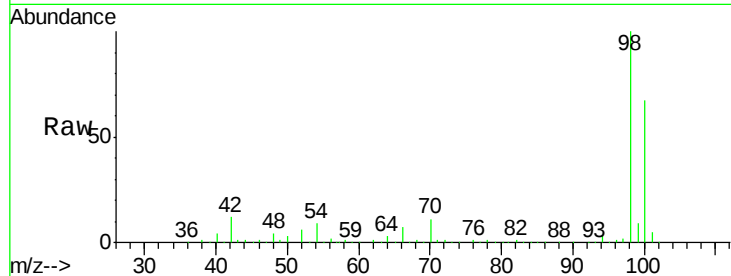
FK-GF-02-048-A

Tot Ion: 98 Resp: 364652

Ion Ratio Lower Upper

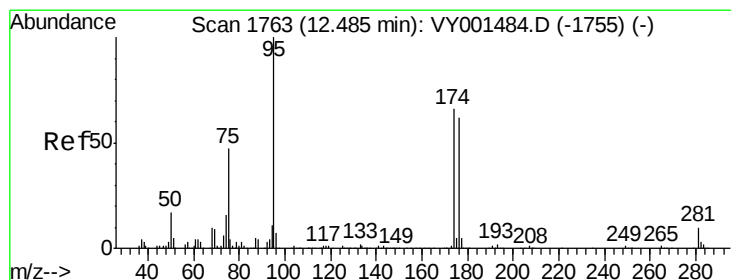
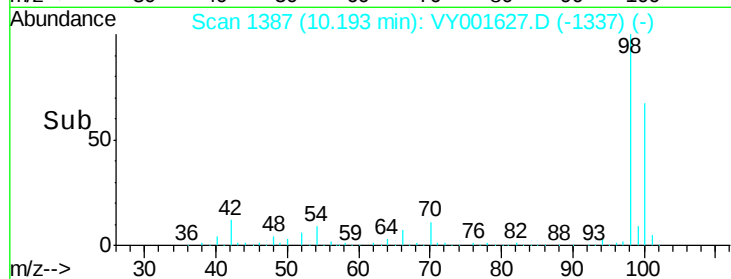
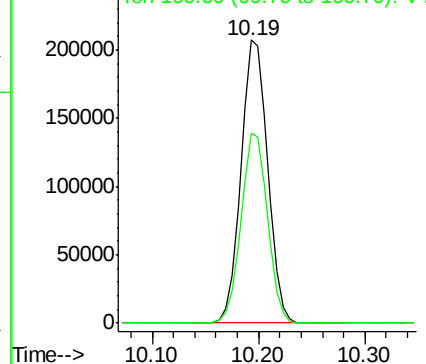
98 100

100 66.4 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 43.959 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001627.D

Acq: 13 Feb 2020 15:45

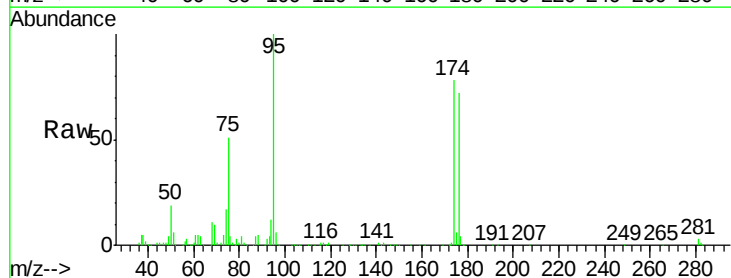
Tgt Ion: 95 Resp: 116999

Ion Ratio Lower Upper

95 100

174 76.9 0.0 141.4

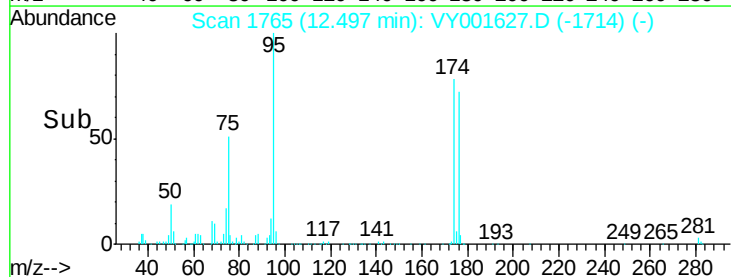
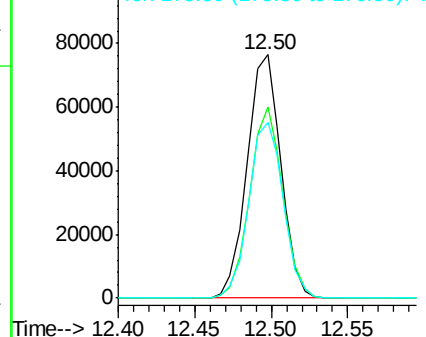
176 73.6 0.0 135.4

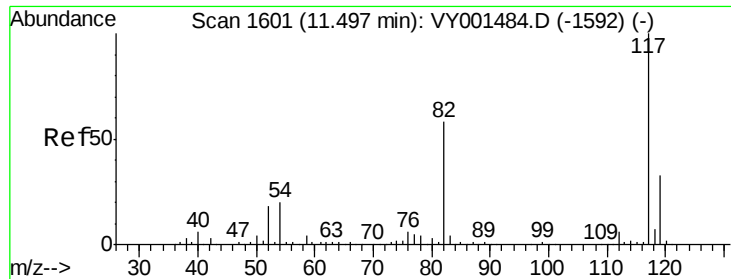


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

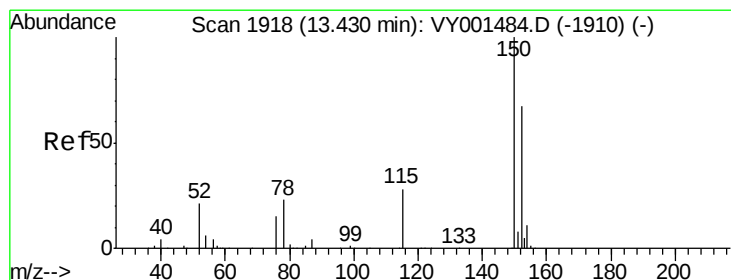
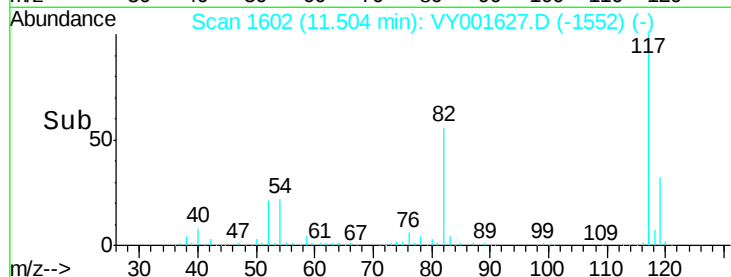
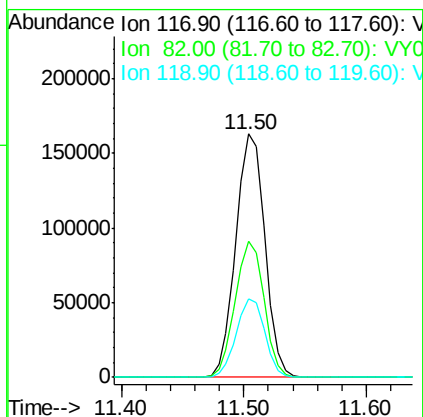
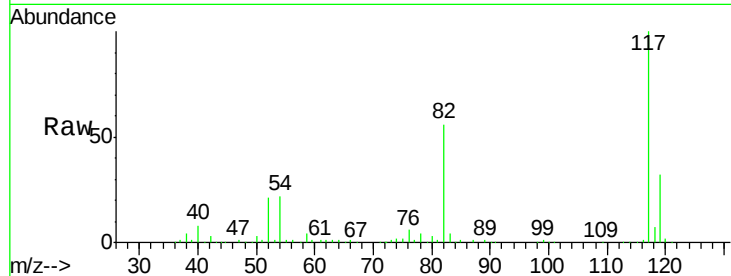




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001627.D
Acq: 13 Feb 2020 15:45

Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-048-A

Tot Ion:117 Resp: 268010
Ion Ratio Lower Upper
117 100
82 55.9 46.1 69.1
119 32.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001627.D
Acq: 13 Feb 2020 15:45

Tgt Ion:152 Resp: 110744
Ion Ratio Lower Upper
152 100
115 60.4 31.4 94.3
150 156.6 0.0 346.8

