

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091619\
 Data File : VY000044.D
 Acq On : 16 Sep 2019 13:33
 Operator : SY/MD
 Sample : VY0916SBL02
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0916SBL02

Quant Time: Sep 17 06:09:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 12 16:17:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	125670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	249340	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	214475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	90243	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	66593	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
35) Dibromofluoromethane	7.71	113	66350	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
50) Toluene-d8	10.18	98	274080	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
62) 4-Bromofluorobenzene	12.48	95	97005	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	

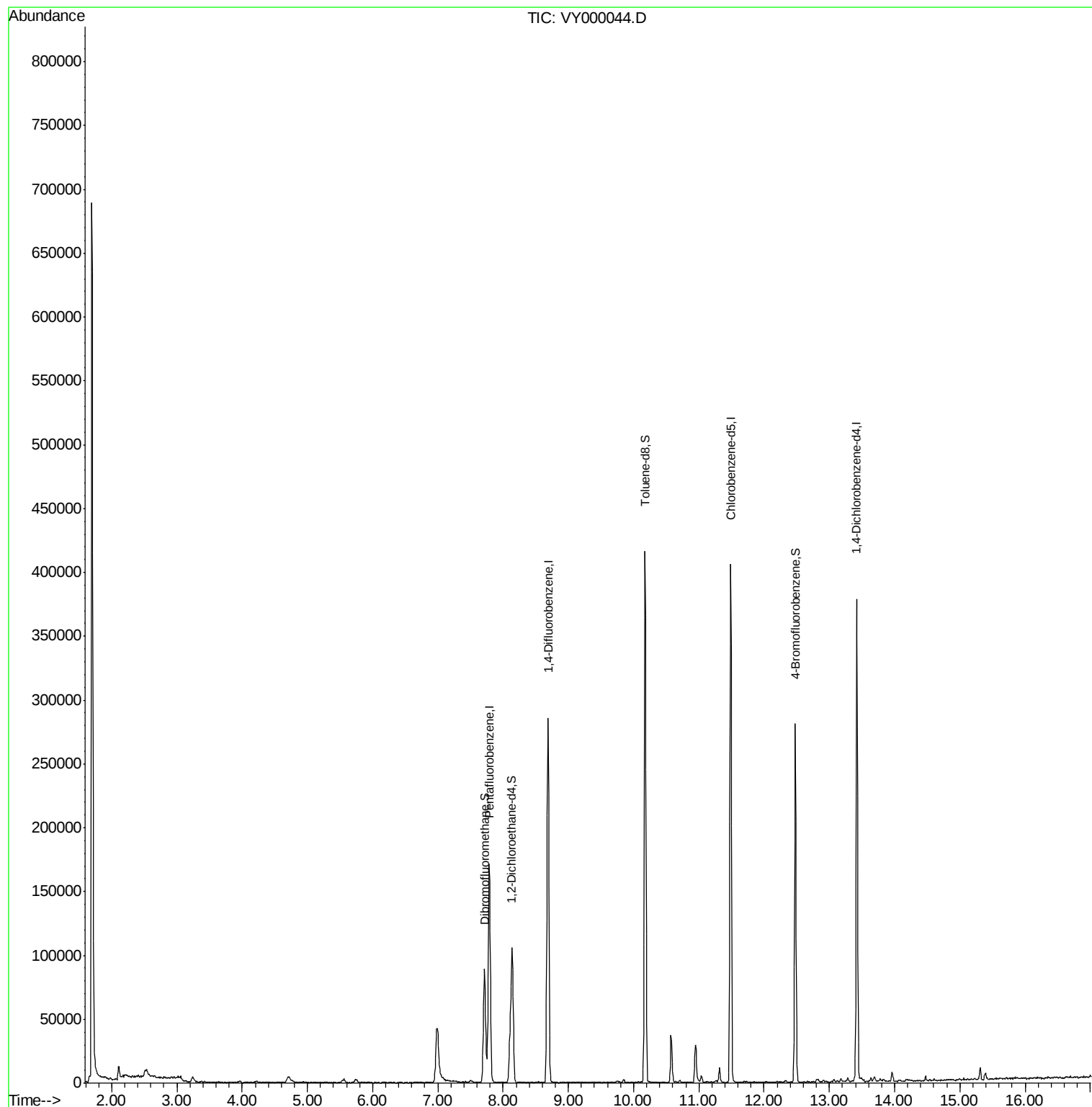
Target Compounds	Qvalue

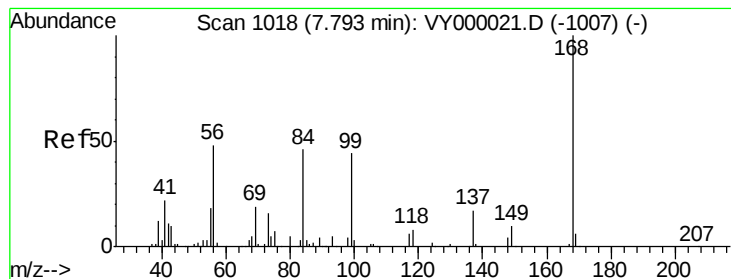
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY091619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY000044.D

Acq: 16 Sep 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

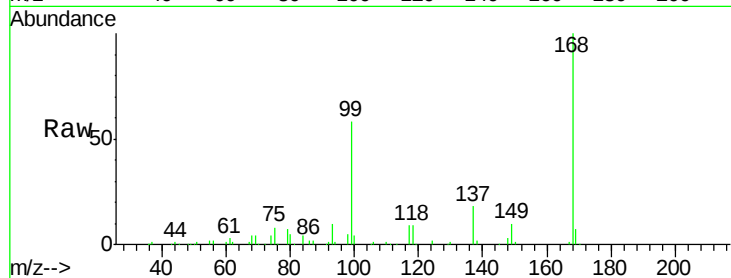
VY0916SBL02

Tot Ion:168 Resp: 125670

Ion Ratio Lower Upper

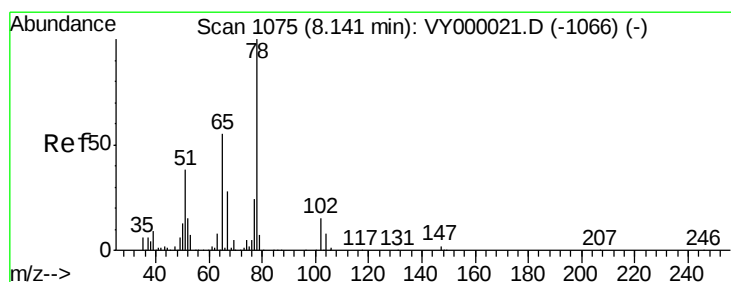
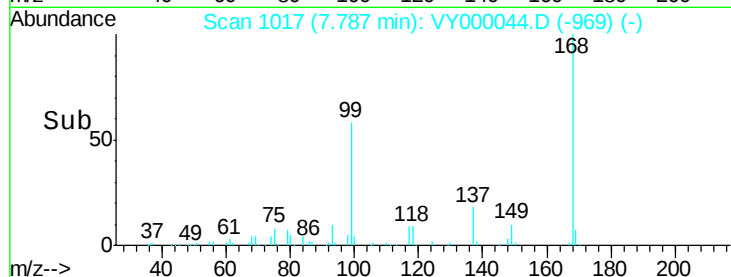
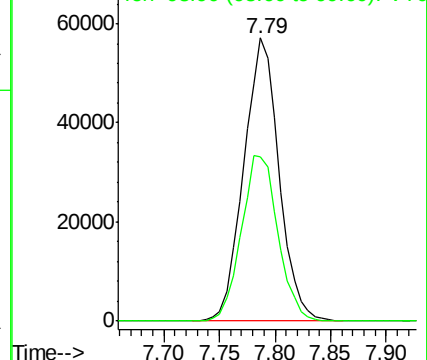
168 100

99 58.0 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#33

1,2-Dichloroethane-d4

Concen: 49.192 ug/l

RT: 8.14 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VY000044.D

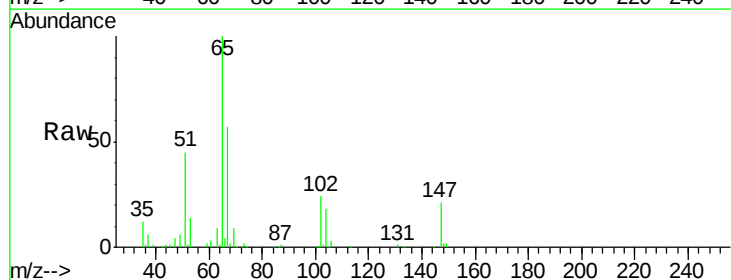
Acq: 16 Sep 2019 13:33

Tgt Ion: 65 Resp: 66593

Ion Ratio Lower Upper

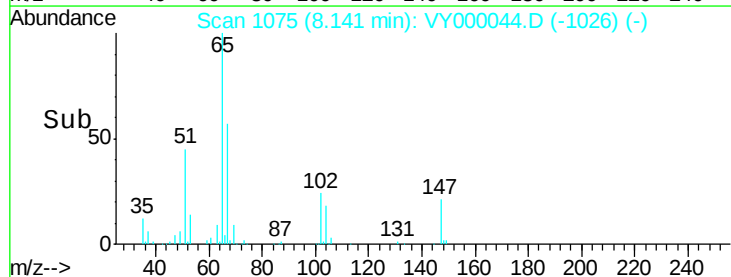
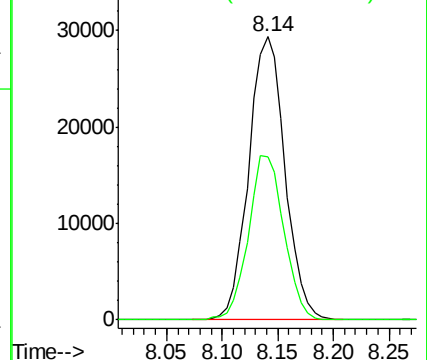
65 100

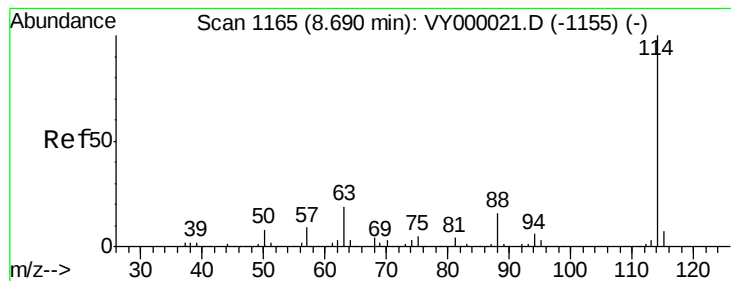
67 56.4 0.0 104.4



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# 1165

Delta R.T. -0.00 min

Lab File: VY000044.D

Acq: 16 Sep 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0916SBL02

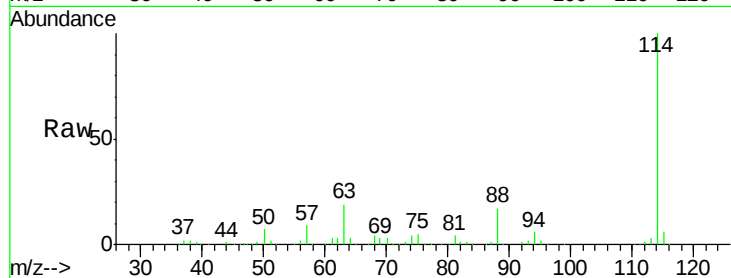
Tot Ion:114 Resp: 249340

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

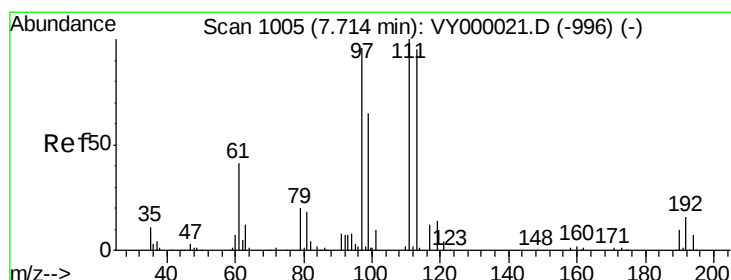
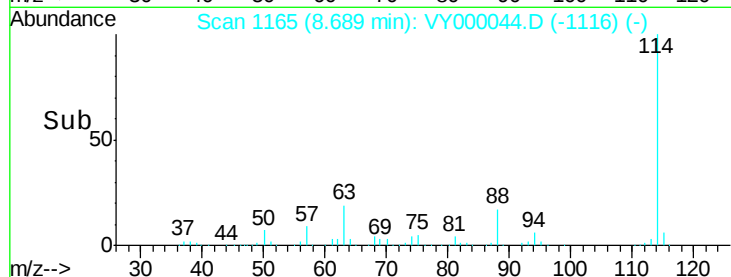
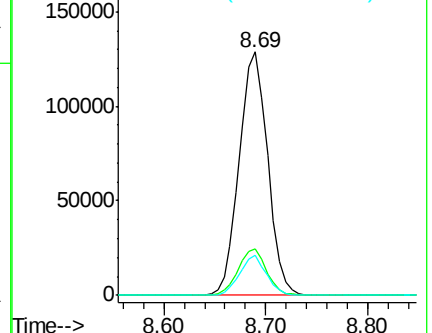
88 16.7 0.0 31.8



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: 46.384 ug/l

RT: 7.71 min Scan# 1005

Delta R.T. -0.00 min

Lab File: VY000044.D

Acq: 16 Sep 2019 13:33

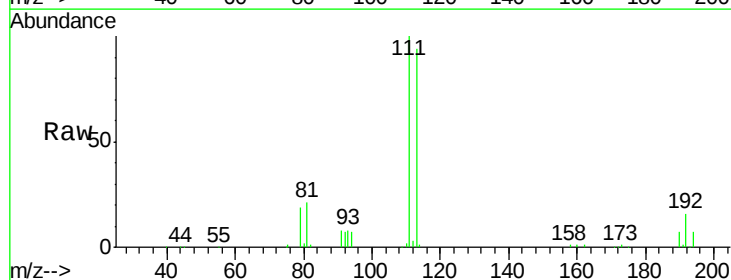
Tgt Ion:113 Resp: 66350

Ion Ratio Lower Upper

113 100

111 100.8 83.9 125.9

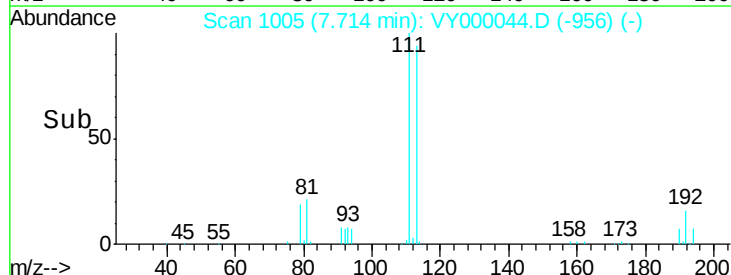
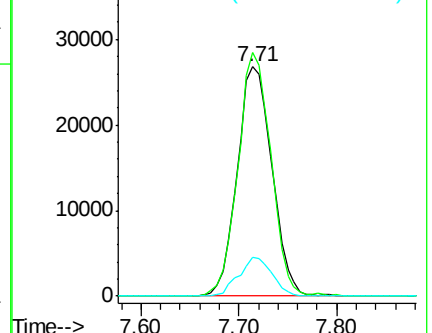
192 16.1 14.5 21.7

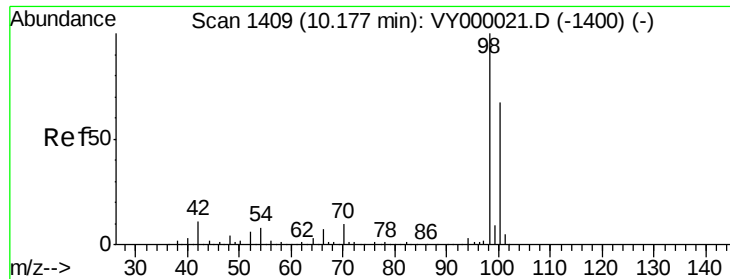


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.589 ug/l

RT: 10.18 min Scan# 1409

Delta R.T. -0.00 min

Lab File: VY000044.D

Acq: 16 Sep 2019 13:33

Instrument :

MSVOA_Y

ClientSampleId :

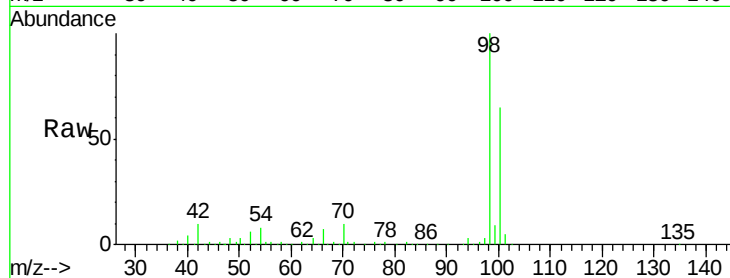
VY0916SBL02

Tot Ion: 98 Resp: 274080

Ion Ratio Lower Upper

98 100

100 66.1 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.18

150000

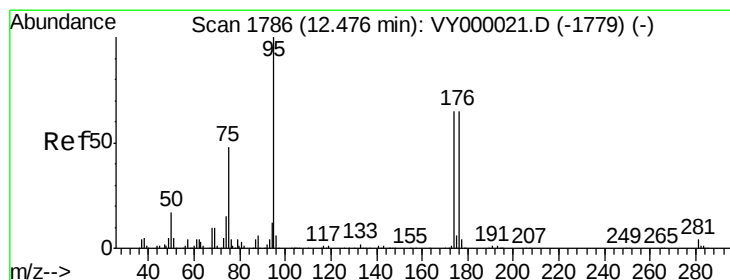
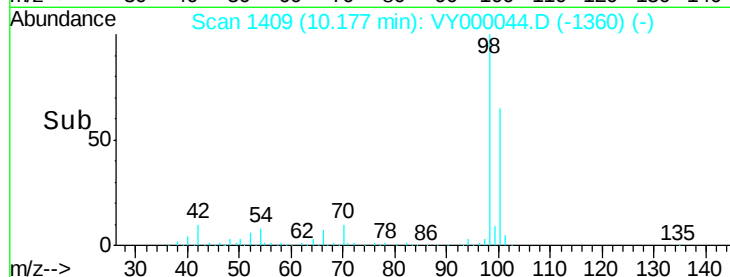
100000

50000

0

Time-->

10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 46.340 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VY000044.D

Acq: 16 Sep 2019 13:33

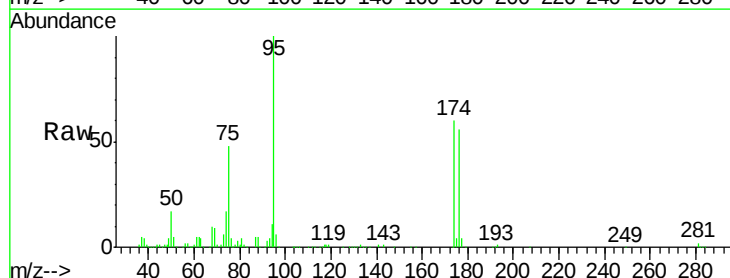
Tgt Ion: 95 Resp: 97005

Ion Ratio Lower Upper

95 100

174 65.6 0.0 137.6

176 61.3 0.0 134.8



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

12.48

80000

60000

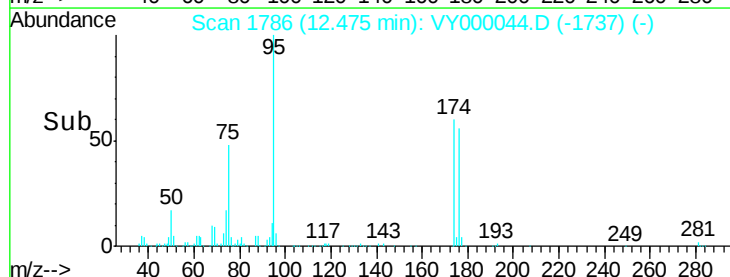
40000

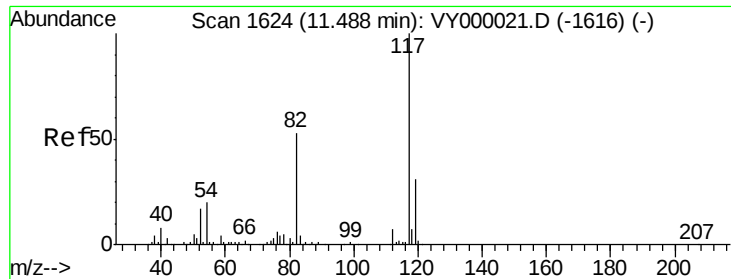
20000

0

Time-->

12.40 12.45 12.50 12.55

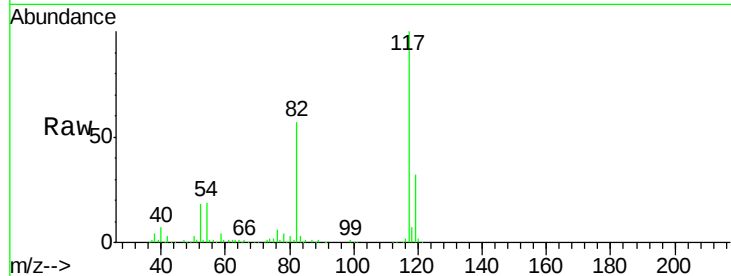




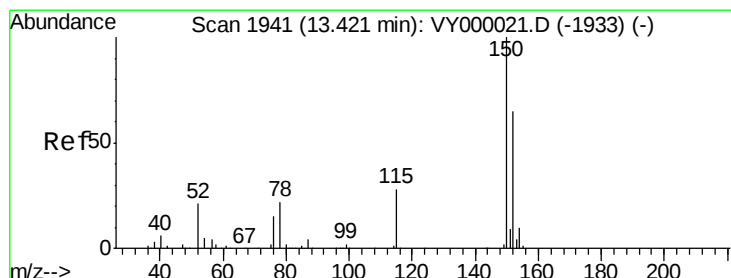
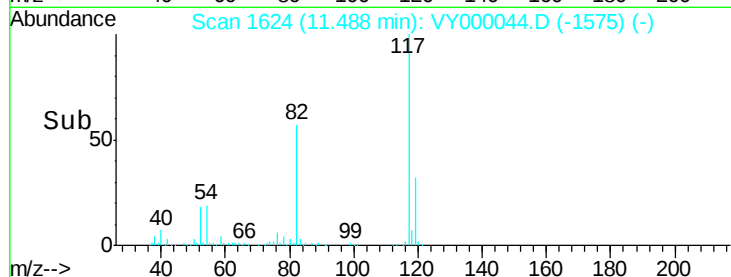
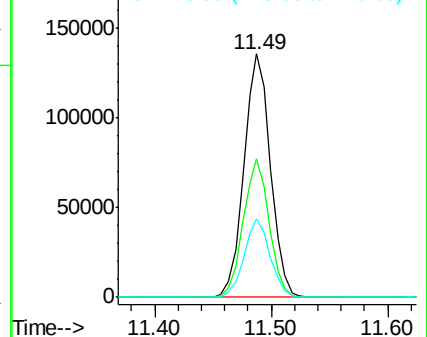
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000044.D
Acq: 16 Sep 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0916SBL02

Tot Ion:117 Resp: 214475
Ion Ratio Lower Upper
117 100
82 57.0 42.5 63.7
119 32.0 25.1 37.7

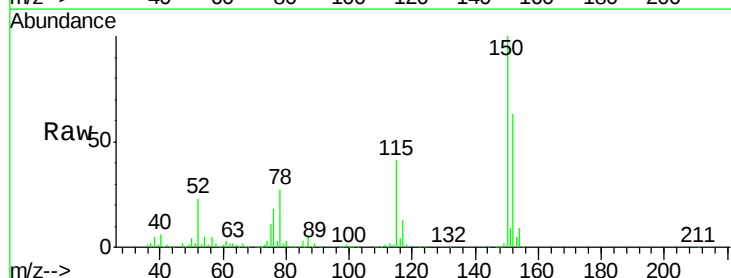


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000044.D
Acq: 16 Sep 2019 13:33

Tgt Ion:152 Resp: 90243
Ion Ratio Lower Upper
152 100
115 63.6 29.4 88.2
150 157.2 0.0 349.0



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

