

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091219\
 Data File : VY000025.D
 Acq On : 12 Sep 2019 14:31
 Operator : SY/MD
 Sample : VY0912SBL01
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0912SBL01

Quant Time: Sep 12 16:36:50 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	143637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	276346	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	234770	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	102526	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	79386	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
35) Dibromofluoromethane	7.72	113	77053	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
50) Toluene-d8	10.18	98	329675	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.48	95	110718	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	

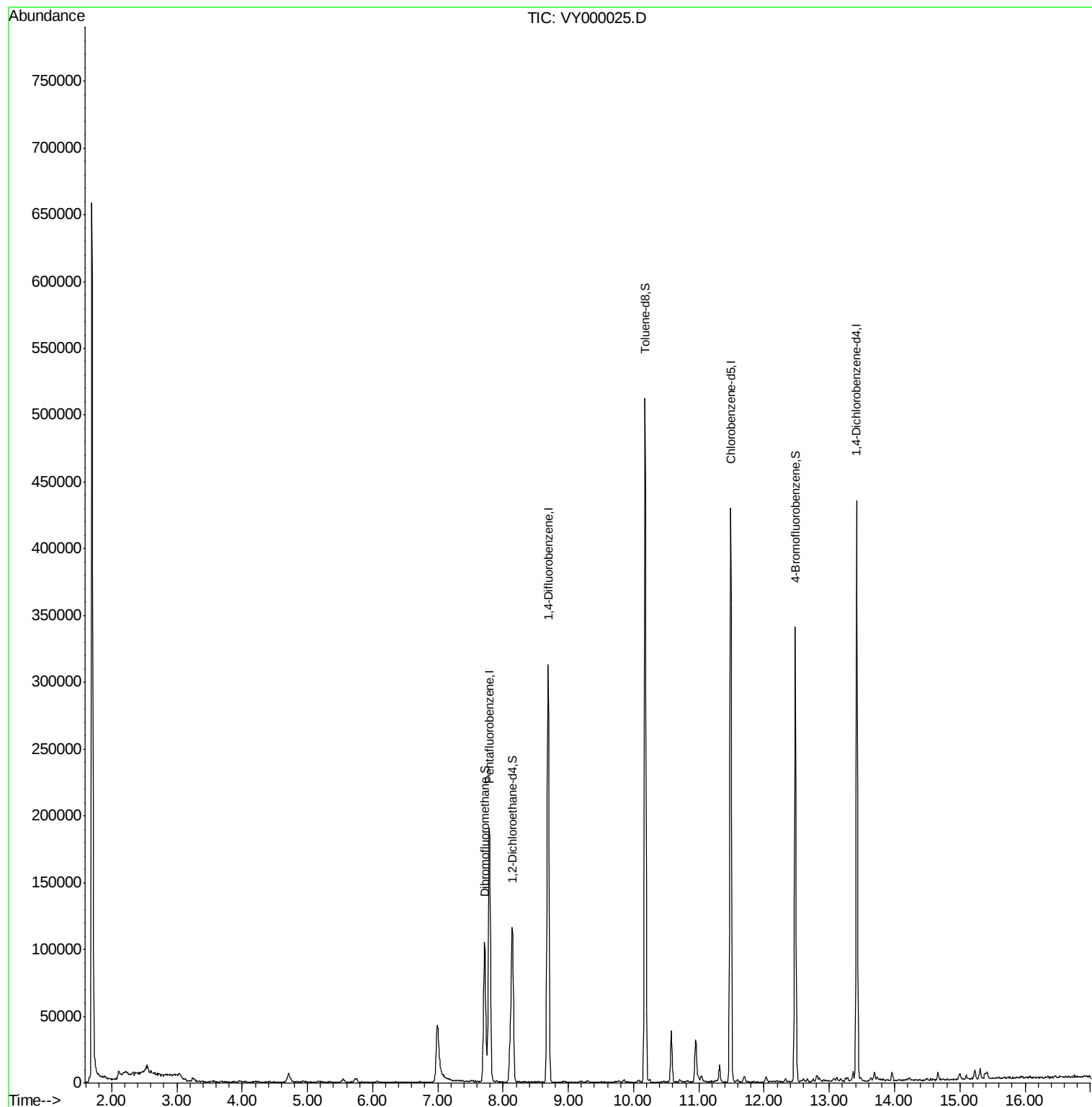
Target Compounds	Qvalue

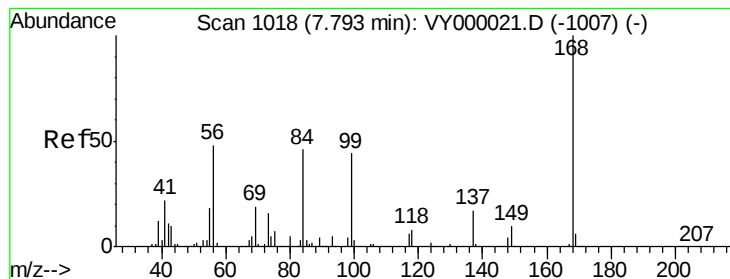
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY000025.D

Acq: 12 Sep 2019 14:31

Instrument :

MSVOA_Y

ClientSampleId :

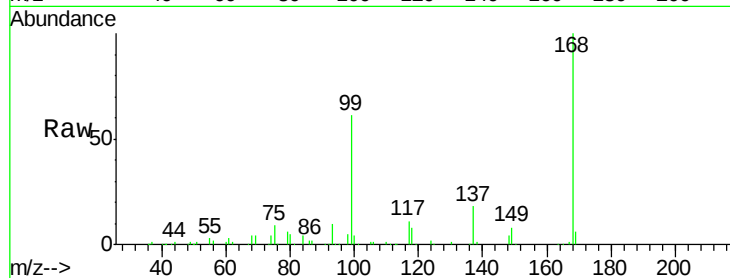
VY0912SBL01

Tot Ion:168 Resp: 143637

Ion Ratio Lower Upper

168 100

99 61.0 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.79

60000

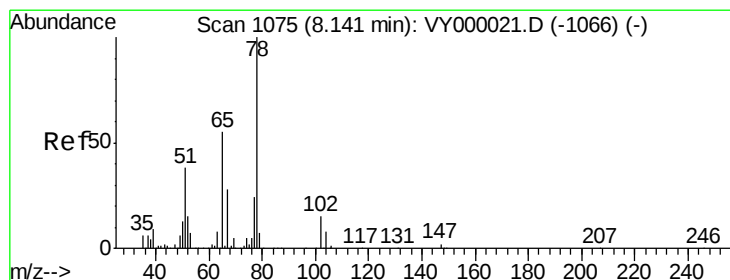
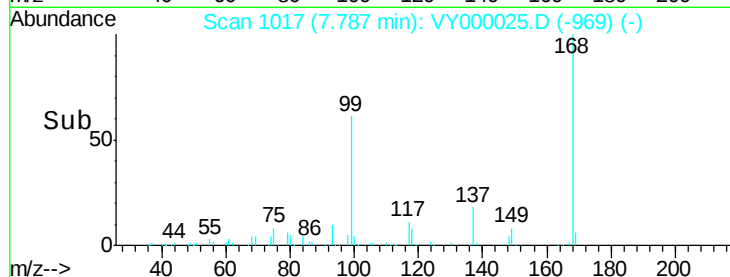
40000

20000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 51.307 ug/l

RT: 8.14 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VY000025.D

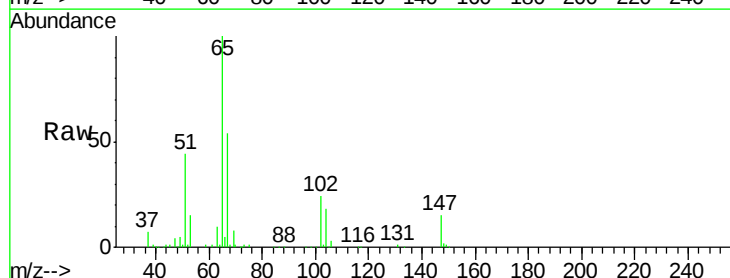
Acq: 12 Sep 2019 14:31

Tgt Ion: 65 Resp: 79386

Ion Ratio Lower Upper

65 100

67 55.7 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.14

40000

30000

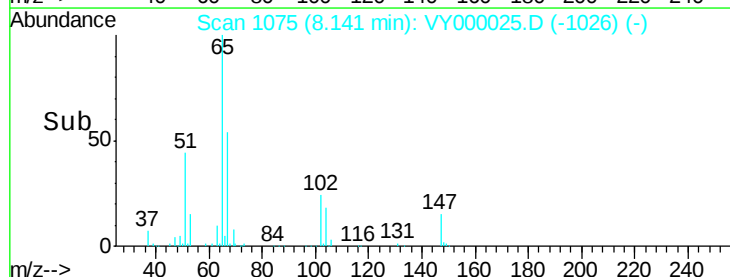
20000

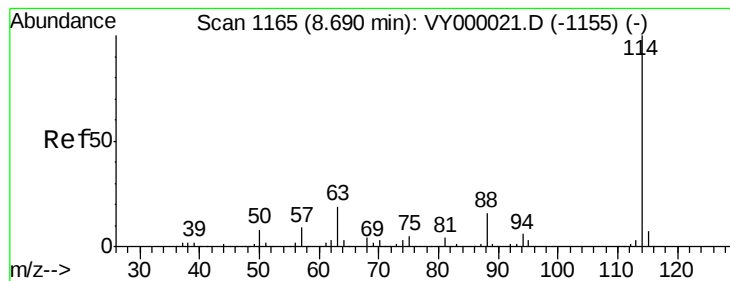
10000

0

Time-->

8.10 8.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1165

Delta R.T. -0.00 min

Lab File: VY000025.D

Acq: 12 Sep 2019 14:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0912SBL01

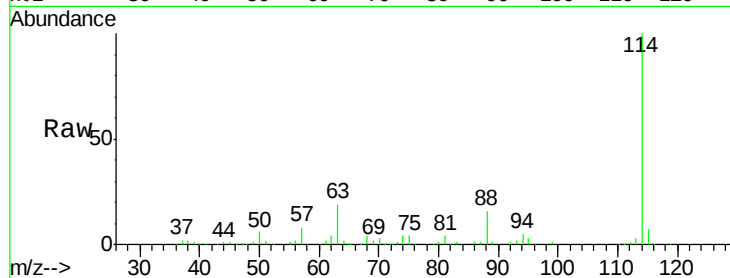
Tot Ion:114 Resp: 276346

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.6

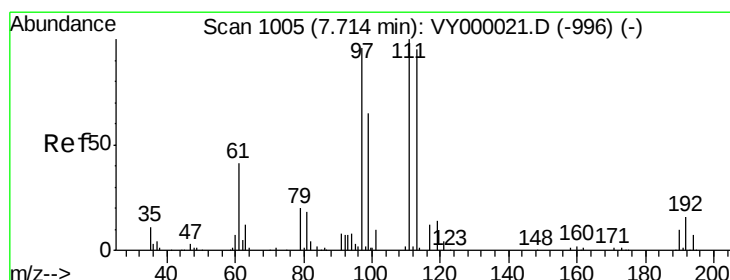
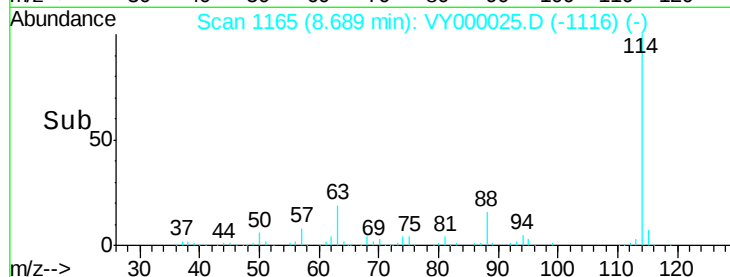
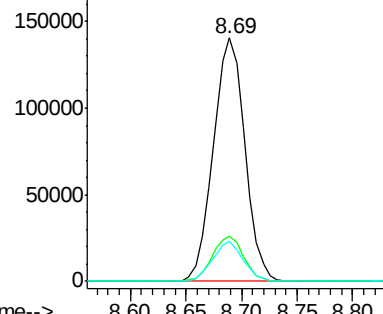
88 16.4 0.0 31.8



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: 48.602 ug/l

RT: 7.72 min Scan# 1006

Delta R.T. 0.01 min

Lab File: VY000025.D

Acq: 12 Sep 2019 14:31

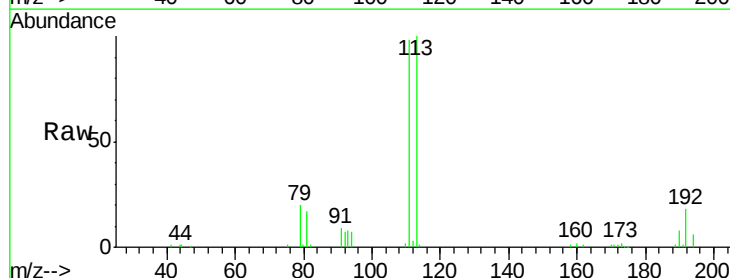
Tgt Ion:113 Resp: 77053

Ion Ratio Lower Upper

113 100

111 106.7 83.9 125.9

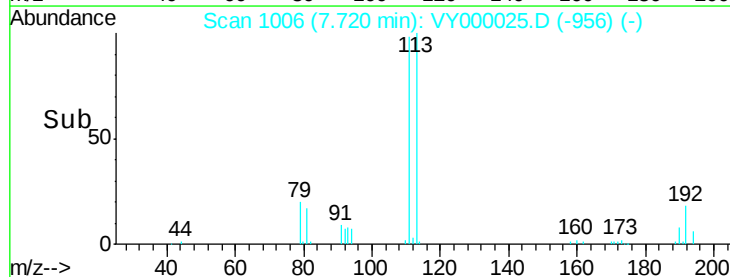
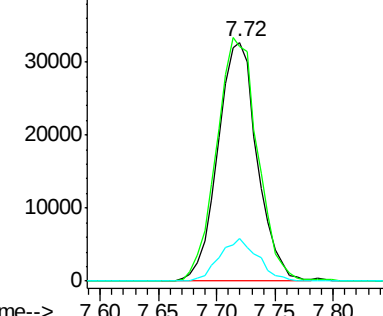
192 17.5 14.5 21.7

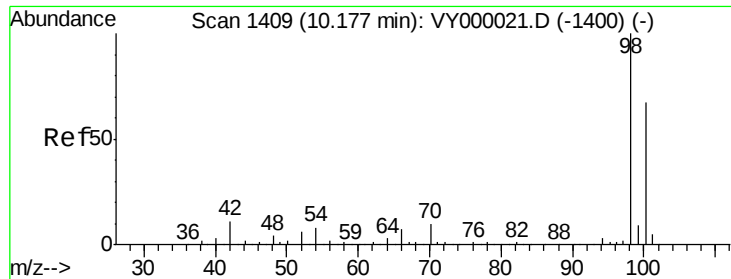


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.648 ug/l

RT: 10.18 min Scan# 1409

Delta R.T. -0.00 min

Lab File: VY000025.D

Acq: 12 Sep 2019 14:31

Instrument :

MSVOA_Y

ClientSampleId :

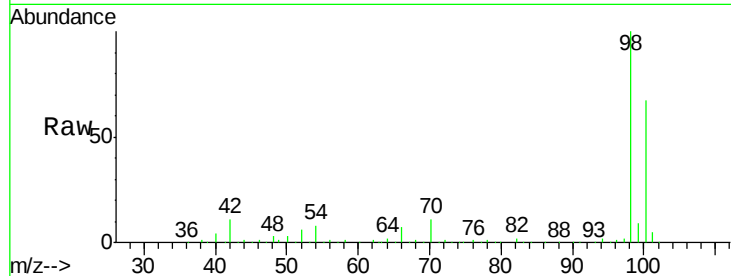
VY0912SBL01

Tot Ion: 98 Resp: 329675

Ion Ratio Lower Upper

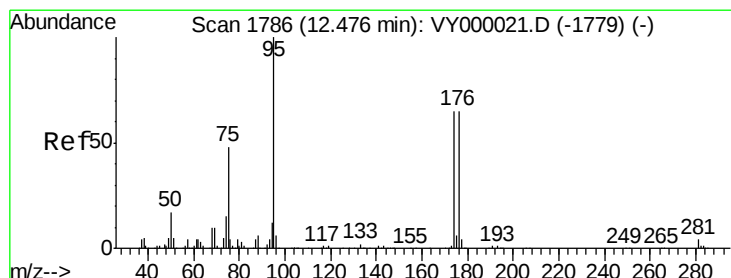
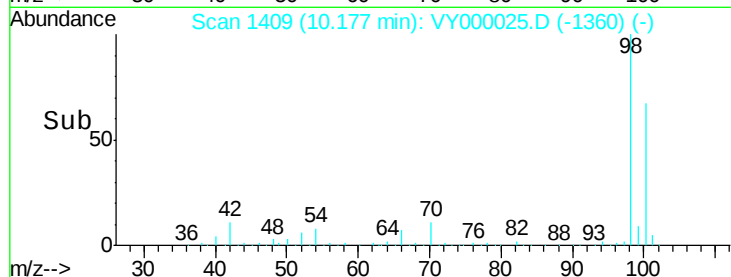
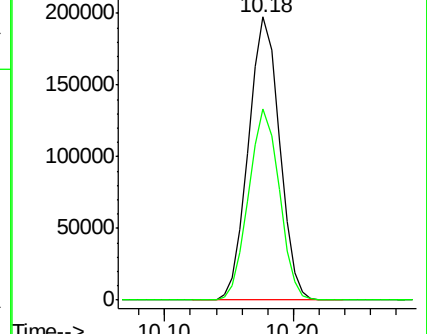
98 100

100 66.7 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 47.722 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VY000025.D

Acq: 12 Sep 2019 14:31

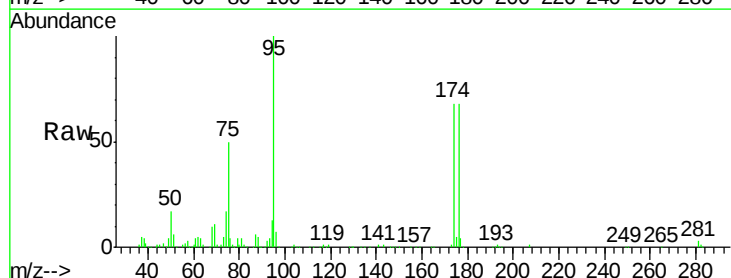
Tgt Ion: 95 Resp: 110718

Ion Ratio Lower Upper

95 100

174 71.7 0.0 137.6

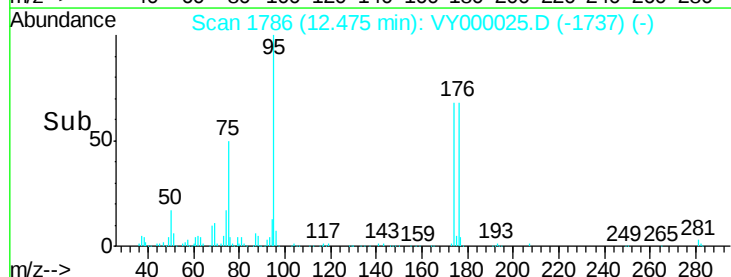
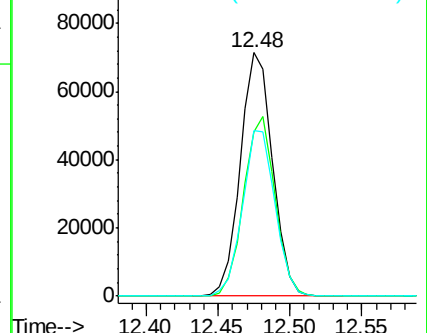
176 68.8 0.0 134.8

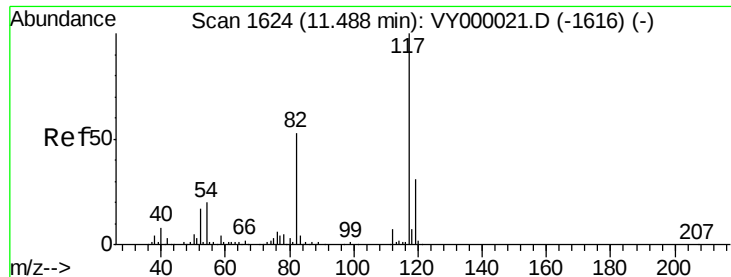


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

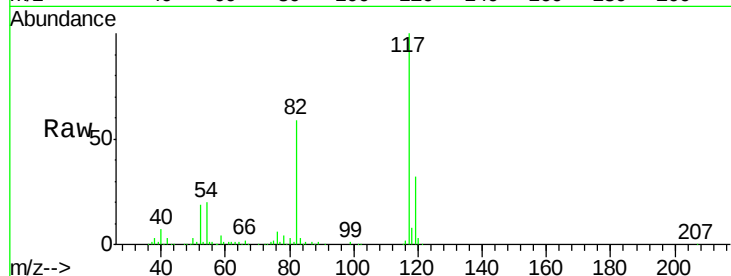




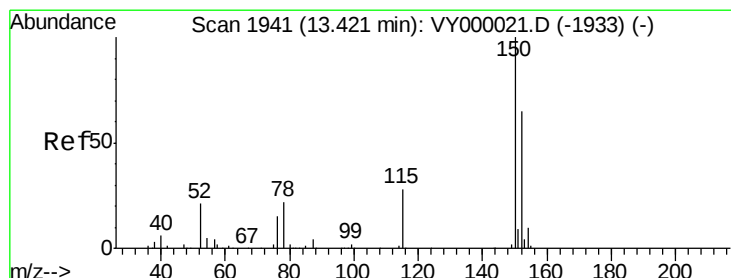
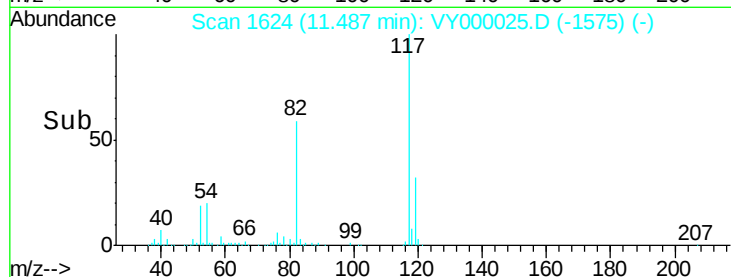
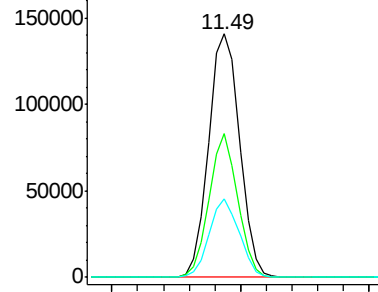
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000025.D
Acq: 12 Sep 2019 14:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0912SBL01

Tot Ion:117 Resp: 234770
Ion Ratio Lower Upper
117 100
82 59.3 42.5 63.7
119 32.1 25.1 37.7

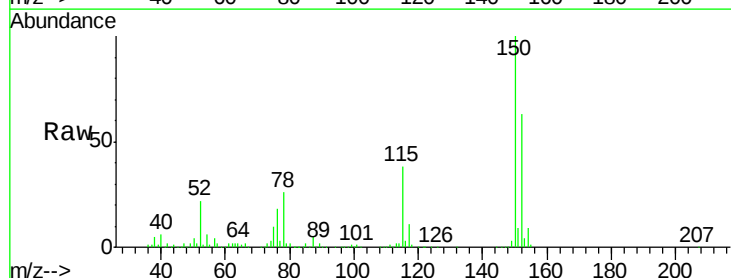


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000025.D
Acq: 12 Sep 2019 14:31

Tgt Ion:152 Resp: 102526
Ion Ratio Lower Upper
152 100
115 61.1 29.4 88.2
150 157.4 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

