

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102319\
 Data File : VY000377.D
 Acq On : 23 Oct 2019 13:32
 Operator : SY/MD
 Sample : VY1023SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1023SBL01

Quant Time: Oct 24 04:56:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	251425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	420088	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	358741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	154192	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	138802	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
35) Dibromofluoromethane	7.73	113	120156	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
50) Toluene-d8	10.18	98	486861	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.48	95	157179	42.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.88%	

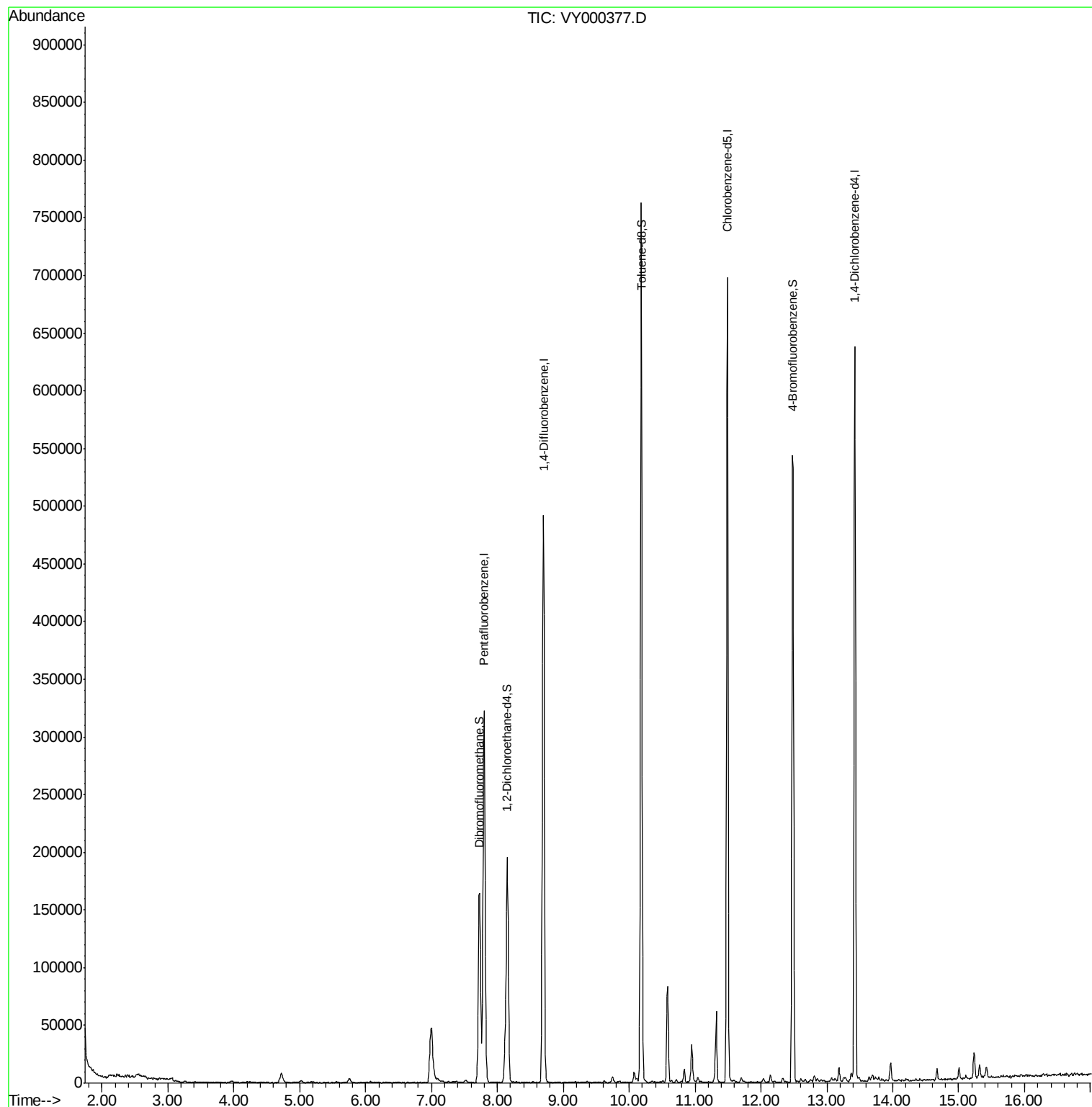
Target Compounds	Qvalue

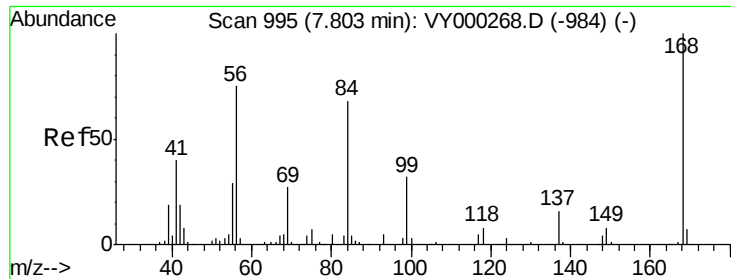
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000377.D

Acq: 23 Oct 2019 13:32

Instrument :

MSVOA_Y

ClientSampleId :

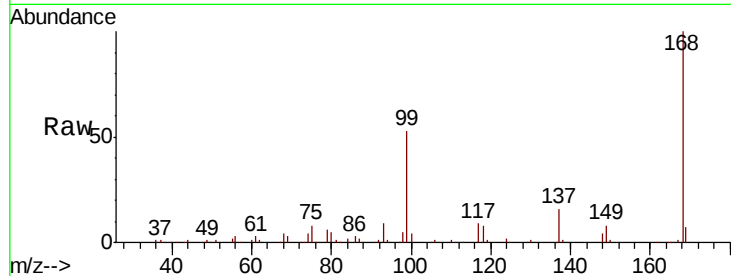
VY1023SBL01

Tot Ion:168 Resp: 251425

Ion Ratio Lower Upper

168 100

99 53.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000377.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000377.D (-946) (-)

7.80

120000

100000

80000

60000

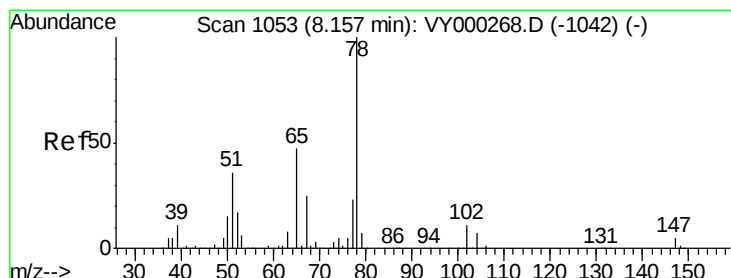
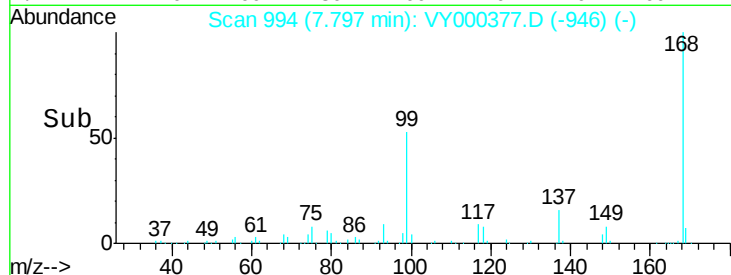
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.336 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000377.D

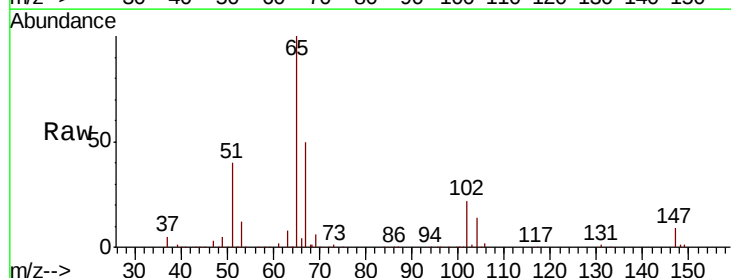
Acq: 23 Oct 2019 13:32

Tgt Ion: 65 Resp: 138802

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000377.D (-1004) (-)

Ion 66.90 (66.60 to 67.60): VY000377.D (-1004) (-)

8.15

80000

60000

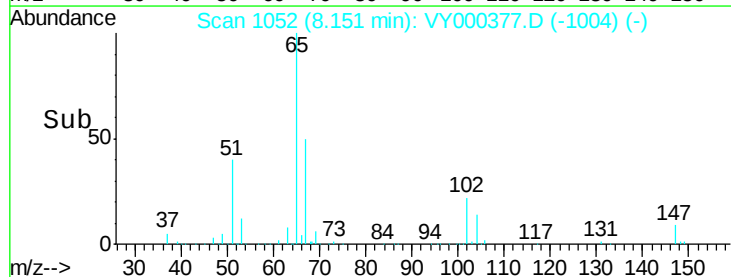
40000

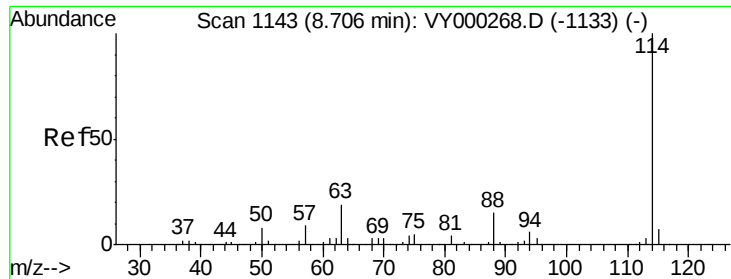
20000

0

8.10 8.20 8.30

Time-->

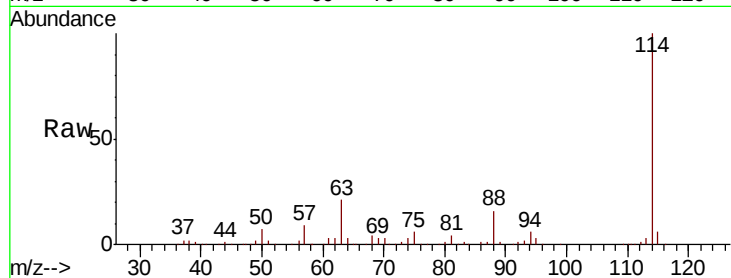




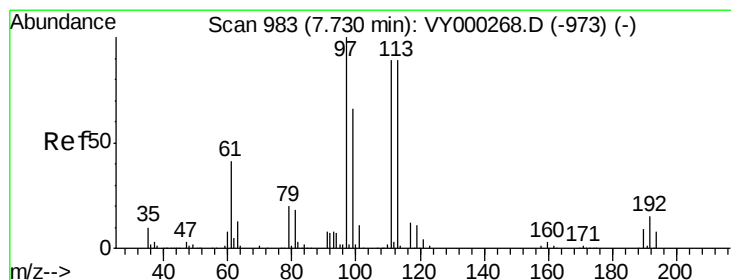
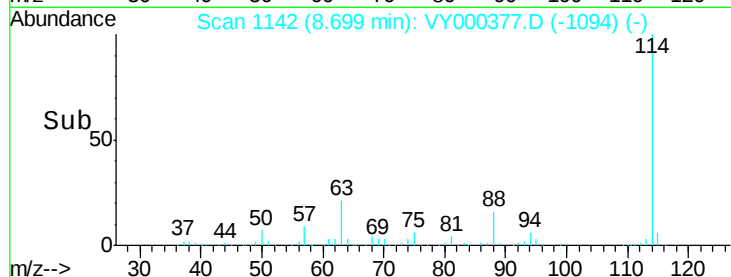
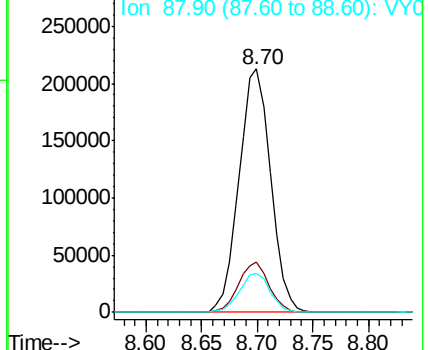
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000377.D
 Acq: 23 Oct 2019 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1023SBL01

Tot Ion:114 Resp: 420088
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 37.2
 88 16.1 0.0 30.2

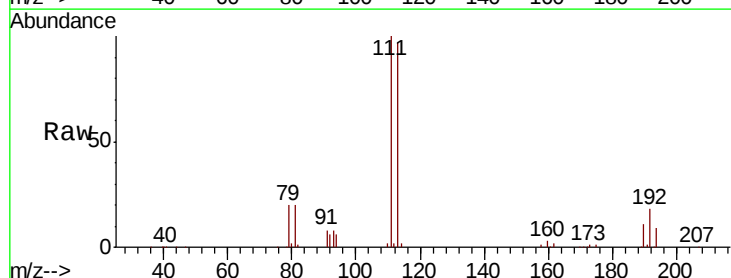


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

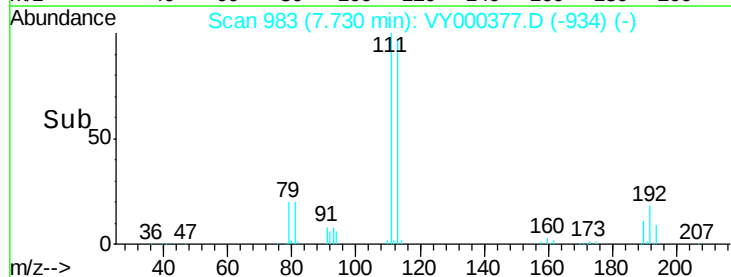
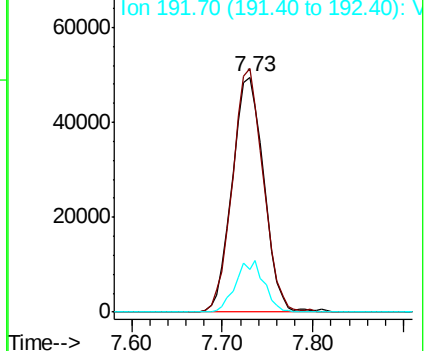


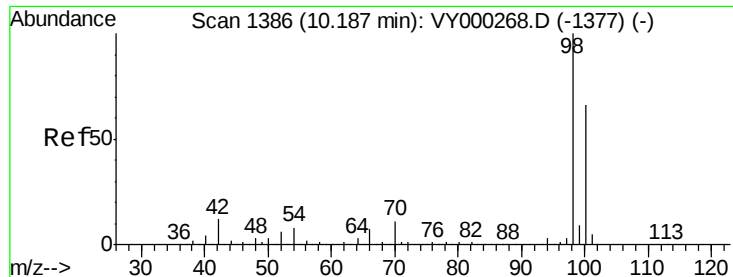
#35
 Dibromofluoromethane
 Concen: 47.417 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000377.D
 Acq: 23 Oct 2019 13:32

Tgt Ion:113 Resp: 120156
 Ion Ratio Lower Upper
 113 100
 111 100.3 81.6 122.4
 192 19.7 15.3 22.9



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: 49.946 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000377.D

Acq: 23 Oct 2019 13:32

Instrument :

MSVOA_Y

ClientSampleId :

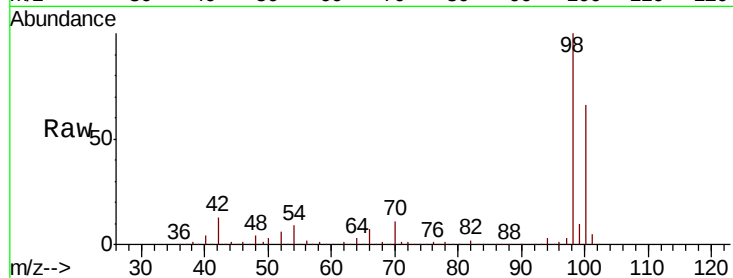
VY1023SBL01

Tot Ion: 98 Resp: 486861

Ion Ratio Lower Upper

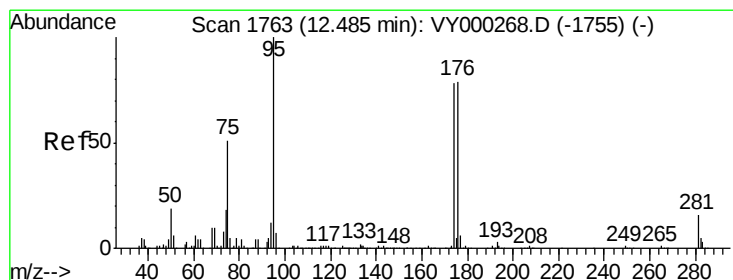
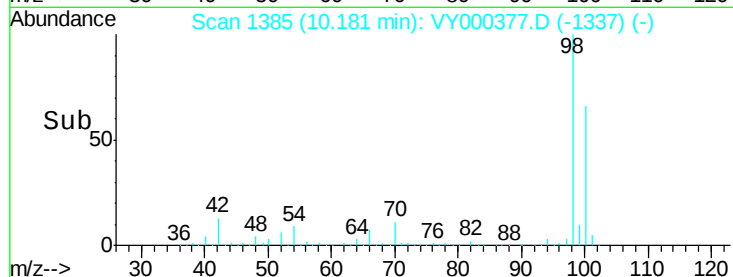
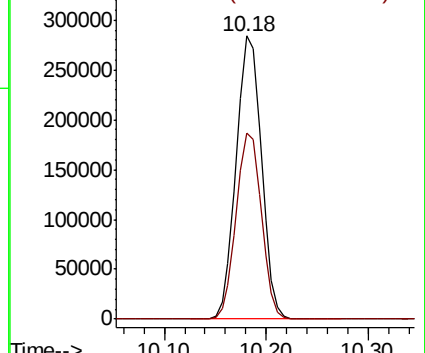
98 100

100 65.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 42.444 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000377.D

Acq: 23 Oct 2019 13:32

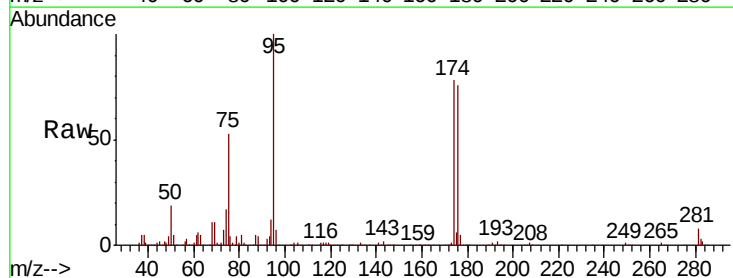
Tgt Ion: 95 Resp: 157179

Ion Ratio Lower Upper

95 100

174 82.5 0.0 159.6

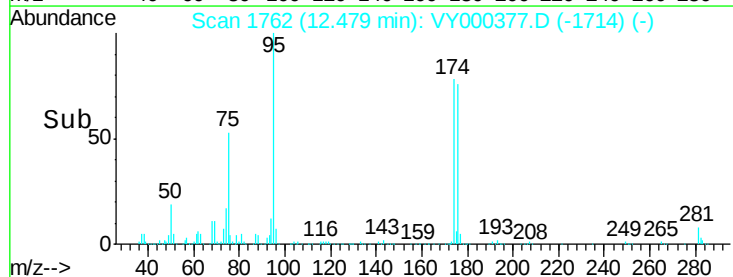
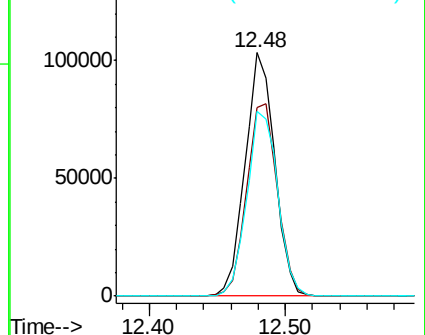
176 79.5 0.0 153.8

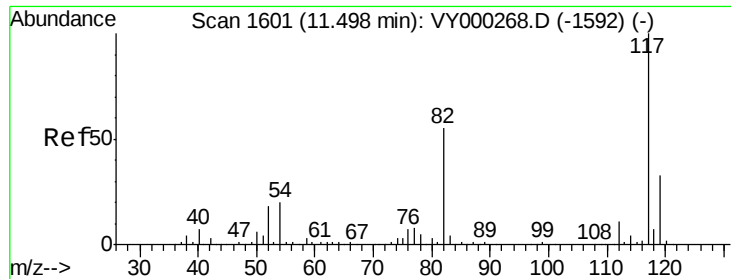


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

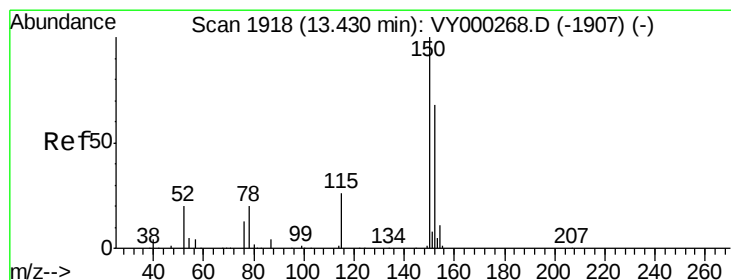
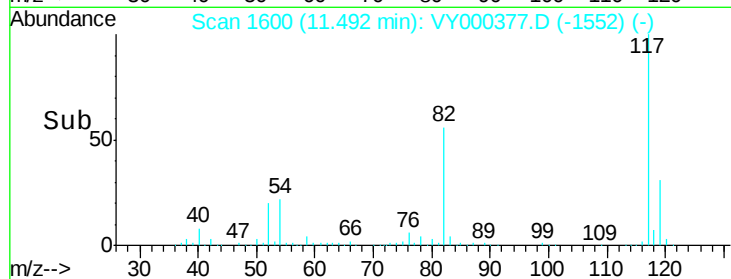
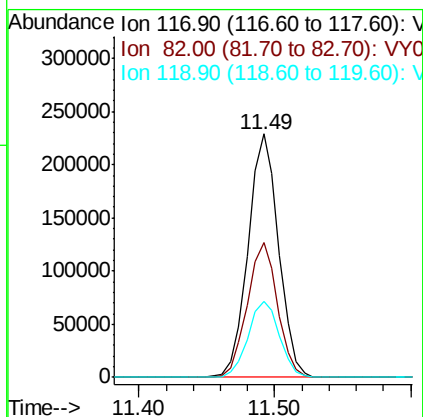
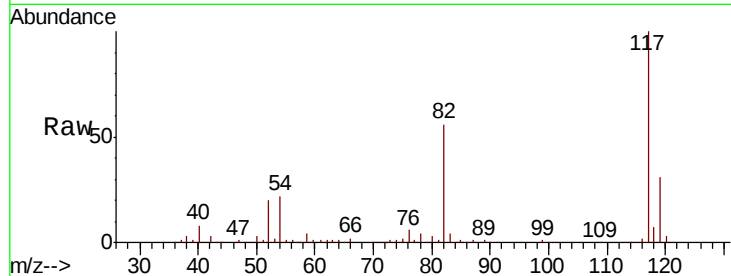




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000377.D
Acq: 23 Oct 2019 13:32

Instrument :
MSVOA_Y
ClientSampleId :
VY1023SBL01

Tot Ion:117 Resp: 358741
Ion Ratio Lower Upper
117 100
82 55.6 43.7 65.5
119 31.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000377.D
Acq: 23 Oct 2019 13:32

Tgt Ion:152 Resp: 154192
Ion Ratio Lower Upper
152 100
115 57.5 29.3 88.0
150 156.2 0.0 348.4

