

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
 Data File : VY000548.D
 Acq On : 06 Nov 2019 14:03
 Operator : SY/MD
 Sample : K5702-02
 Misc : 4.97G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 H-1A

Quant Time: Nov 07 05:58:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	202186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	360484	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	328179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	152376	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	119359	57.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.10%	
35) Dibromofluoromethane	7.73	113	106531	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	10.18	98	413522	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.48	95	146362	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	

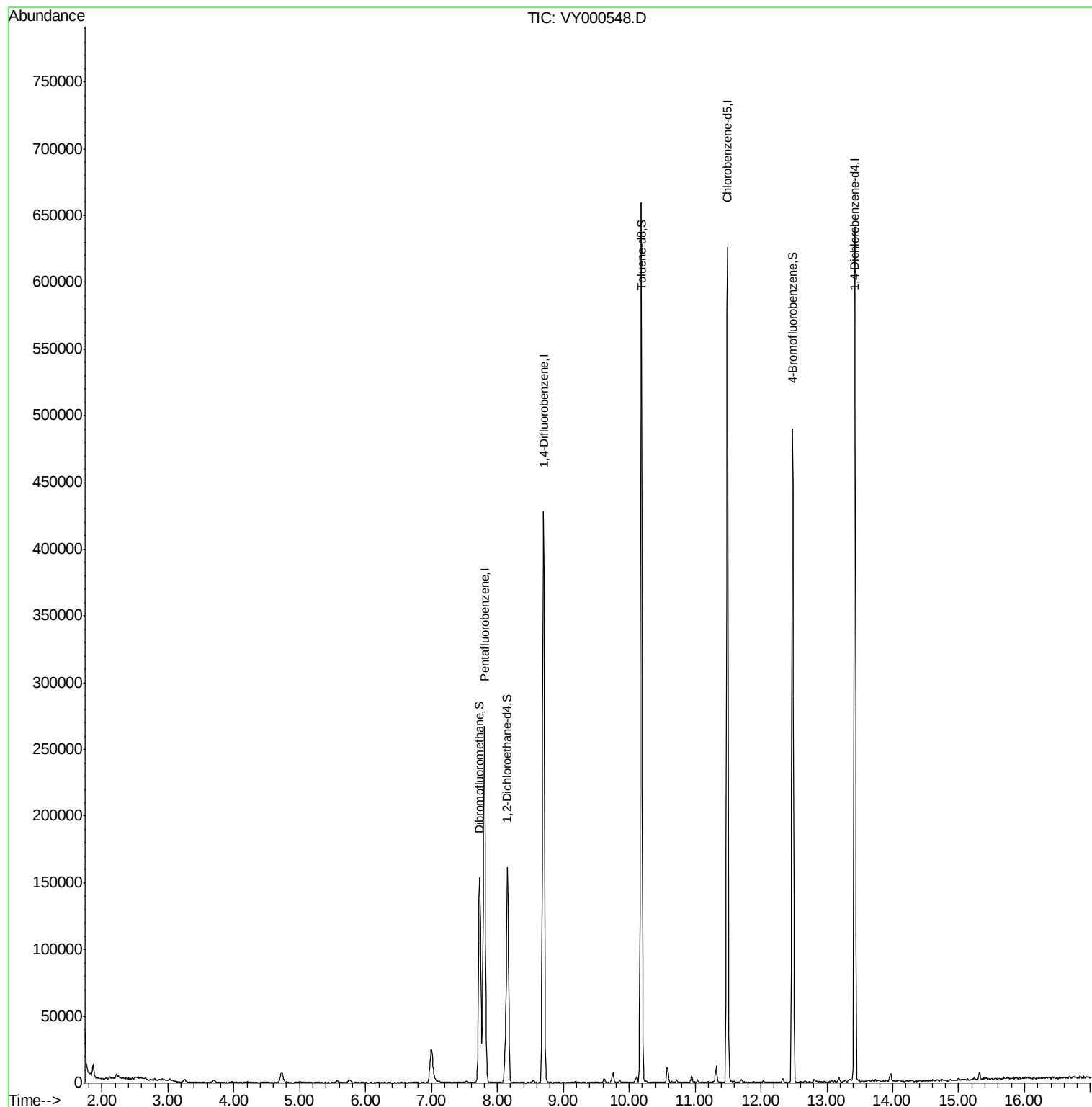
Target Compounds	Qvalue

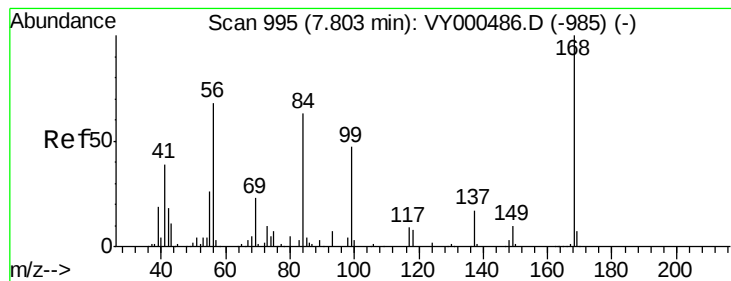
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000548.D

Acq: 06 Nov 2019 14:03

Instrument :

MSVOA_Y

ClientSampleId :

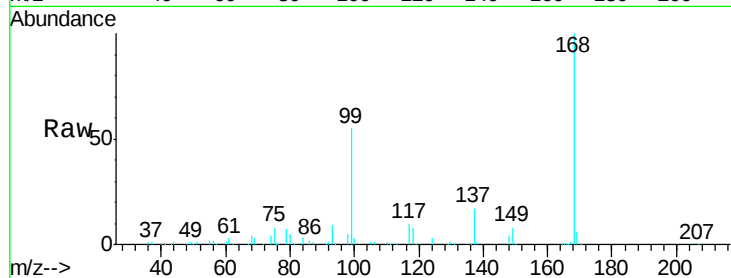
H-1A

Tgt Ion: 168 Resp: 202186

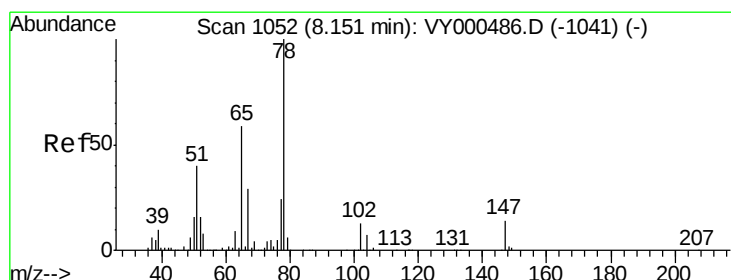
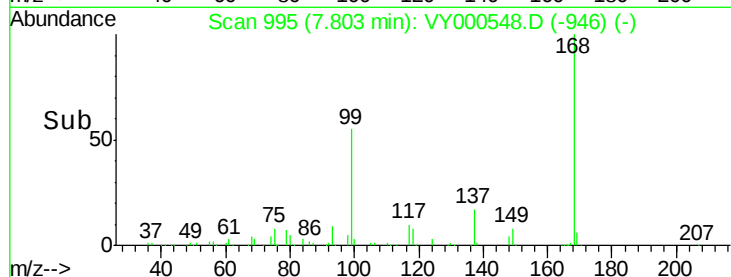
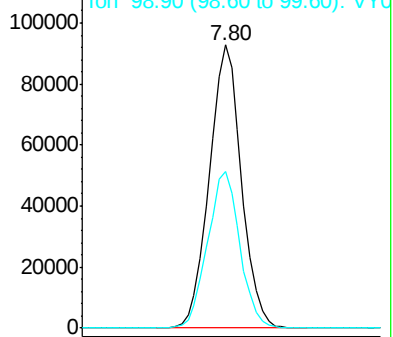
Ion Ratio Lower Upper

168 100

99 55.3 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000548.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 57.045 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000548.D

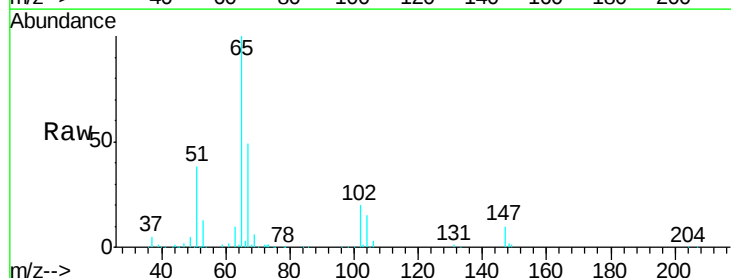
Acq: 06 Nov 2019 14:03

Tgt Ion: 65 Resp: 119359

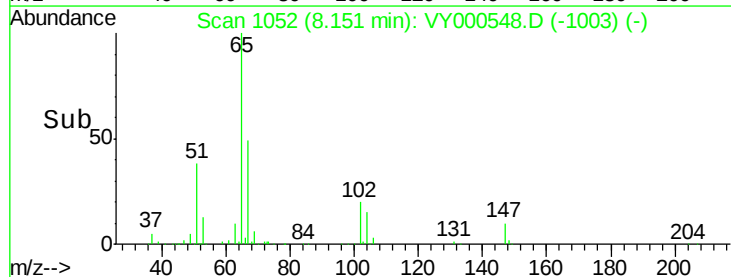
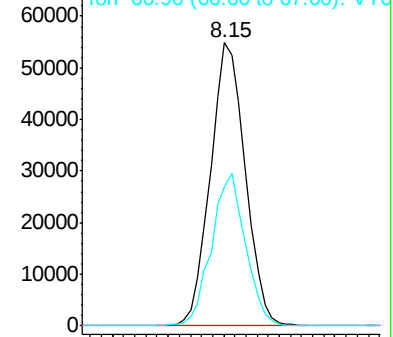
Ion Ratio Lower Upper

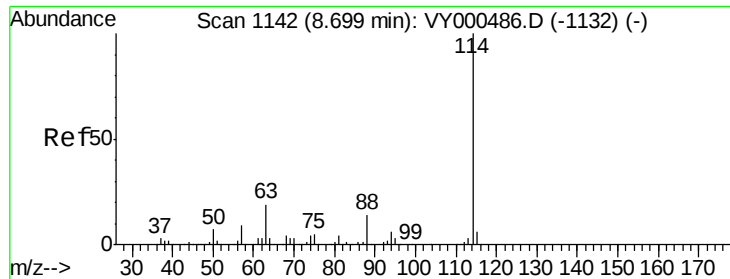
65 100

67 52.4 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY000548.D (-1003) (-)

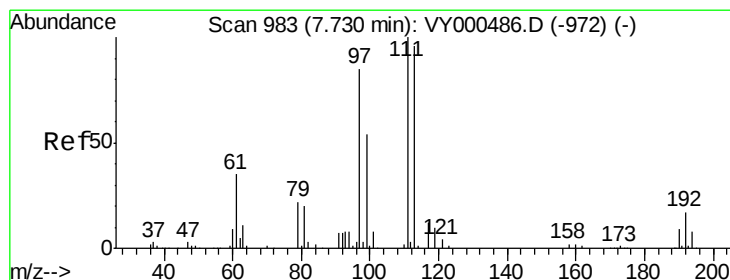
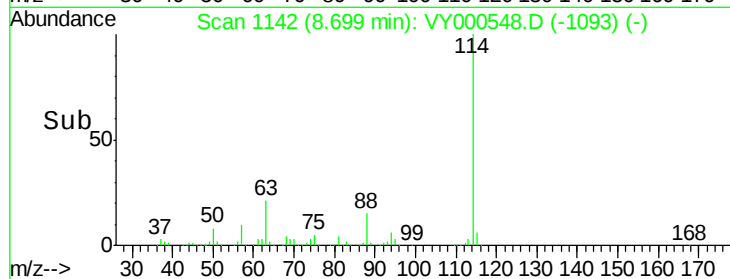
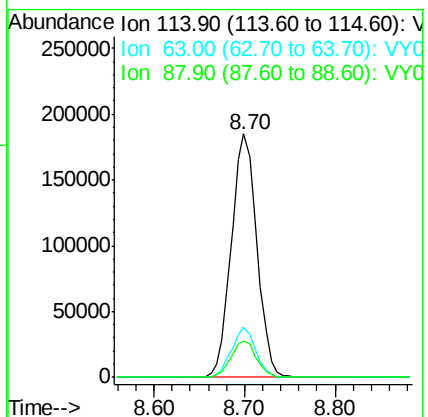
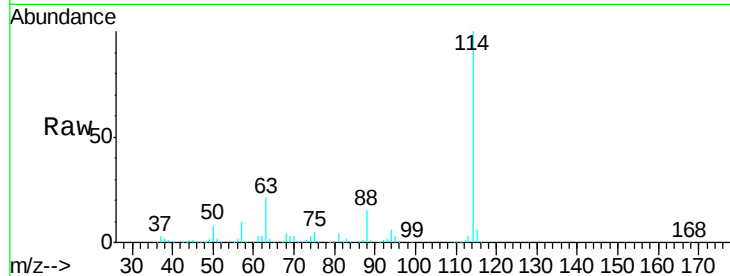




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000548.D
 Acq: 06 Nov 2019 14:03

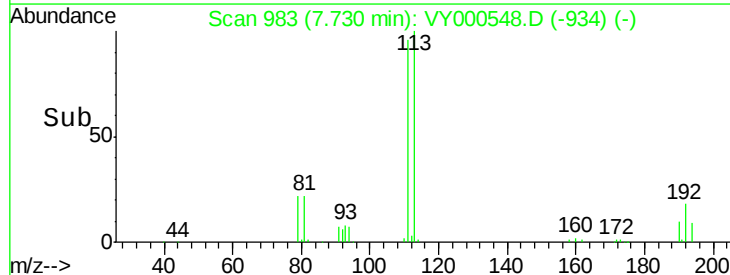
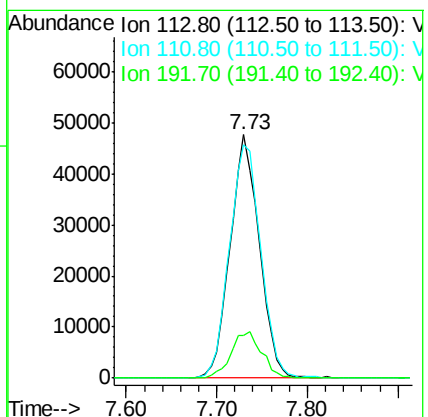
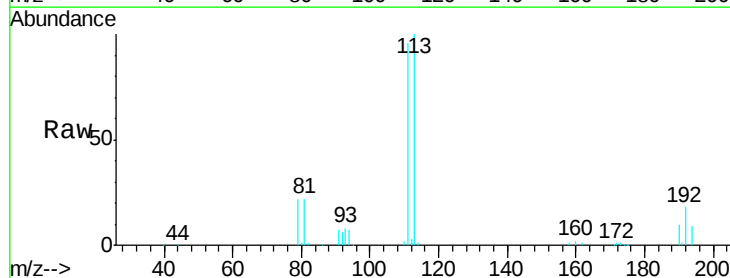
Instrument :
 MSVOA_Y
 ClientSampleId :
 H-1A

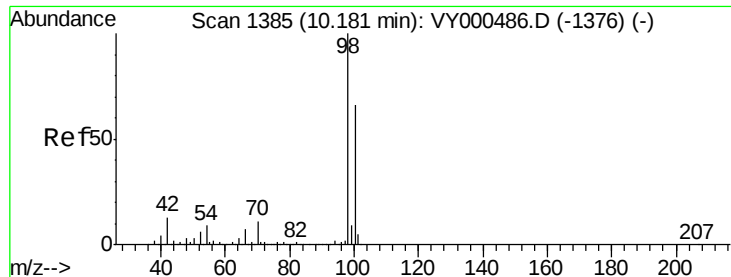
Tgt Ion:114 Resp: 360484
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 38.0
 88 14.9 0.0 28.6



#35
 Dibromofluoromethane
 Concen: 50.339 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000548.D
 Acq: 06 Nov 2019 14:03

Tgt Ion:113 Resp: 106531
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.7 122.5
 192 19.8 15.0 22.4





#50

Toluene-d8

Concen: 51.496 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000548.D

Acq: 06 Nov 2019 14:03

Instrument :

MSVOA_Y

ClientSampled :

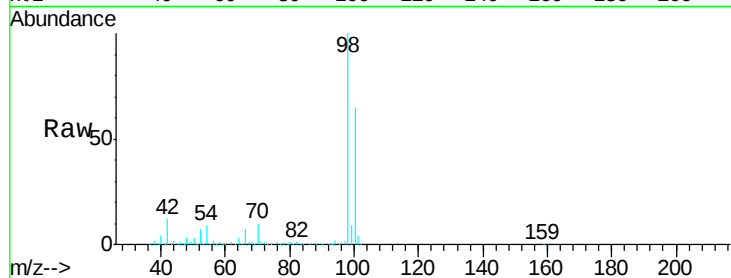
H-1A

Tgt Ion: 98 Resp: 413522

Ion Ratio Lower Upper

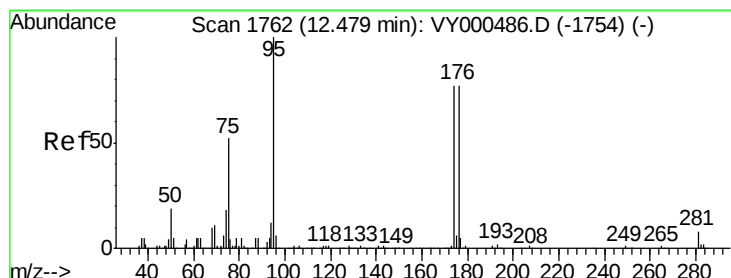
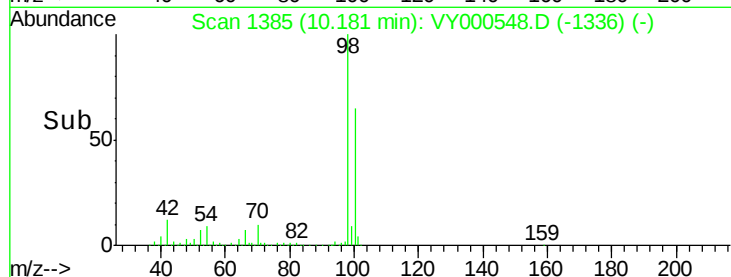
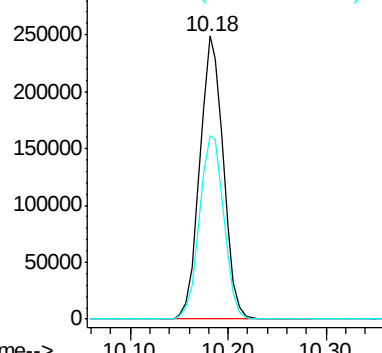
98 100

100 67.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 47.877 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000548.D

Acq: 06 Nov 2019 14:03

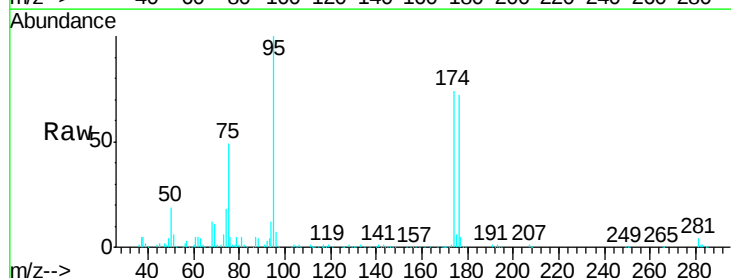
Tgt Ion: 95 Resp: 146362

Ion Ratio Lower Upper

95 100

174 80.0 0.0 161.6

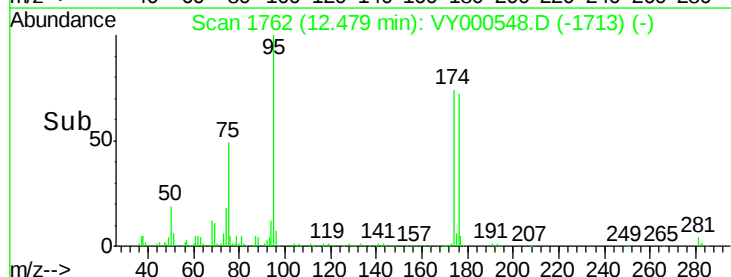
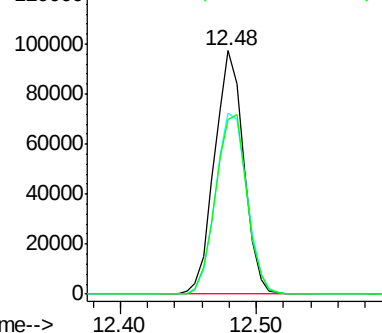
176 79.3 0.0 157.8



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

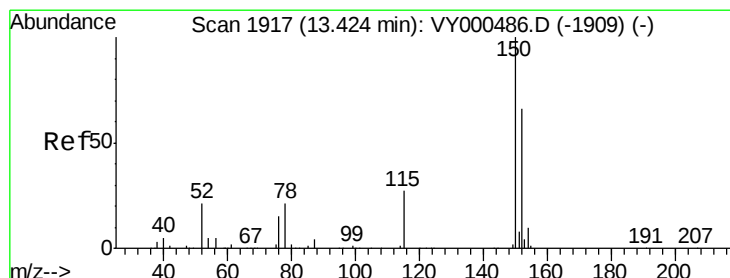
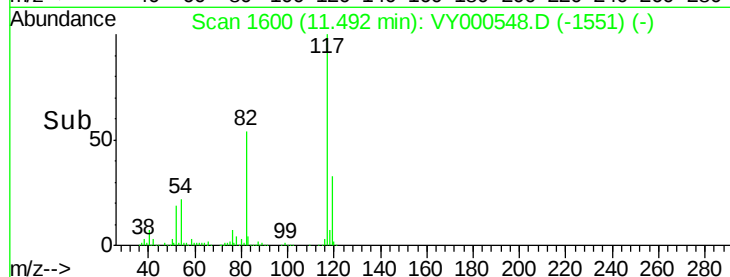
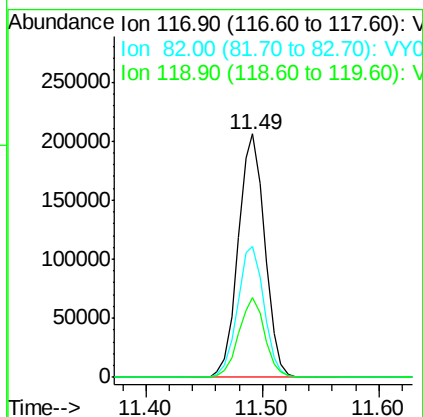
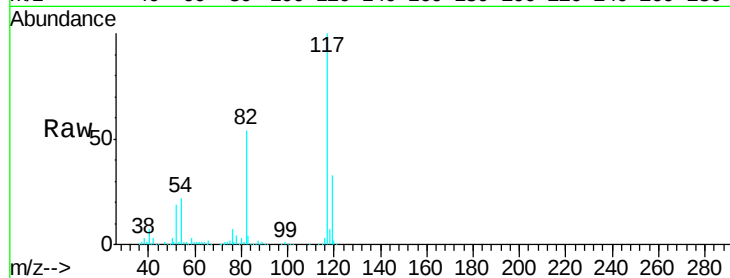




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000548.D
Acq: 06 Nov 2019 14:03

Instrument :
MSVOA_Y
ClientSampled :
H-1A

Tgt Ion:117 Resp: 328179
Ion Ratio Lower Upper
117 100
82 54.0 40.8 61.2
119 33.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000548.D
Acq: 06 Nov 2019 14:03

Tgt Ion:152 Resp: 152376
Ion Ratio Lower Upper
152 100
115 59.3 29.1 87.4
150 156.6 0.0 348.8

