

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102319\
 Data File : VY000392.D
 Acq On : 23 Oct 2019 19:28
 Operator : SY/MD
 Sample : K5498-02
 Misc : 8.59G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 189-62-(1)

Quant Time: Oct 24 05:22:59 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	181960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	299954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	233111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	84742	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	94641	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
35) Dibromofluoromethane	7.73	113	84712	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
50) Toluene-d8	10.19	98	335334	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
62) 4-Bromofluorobenzene	12.48	95	90498	34.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.44%	

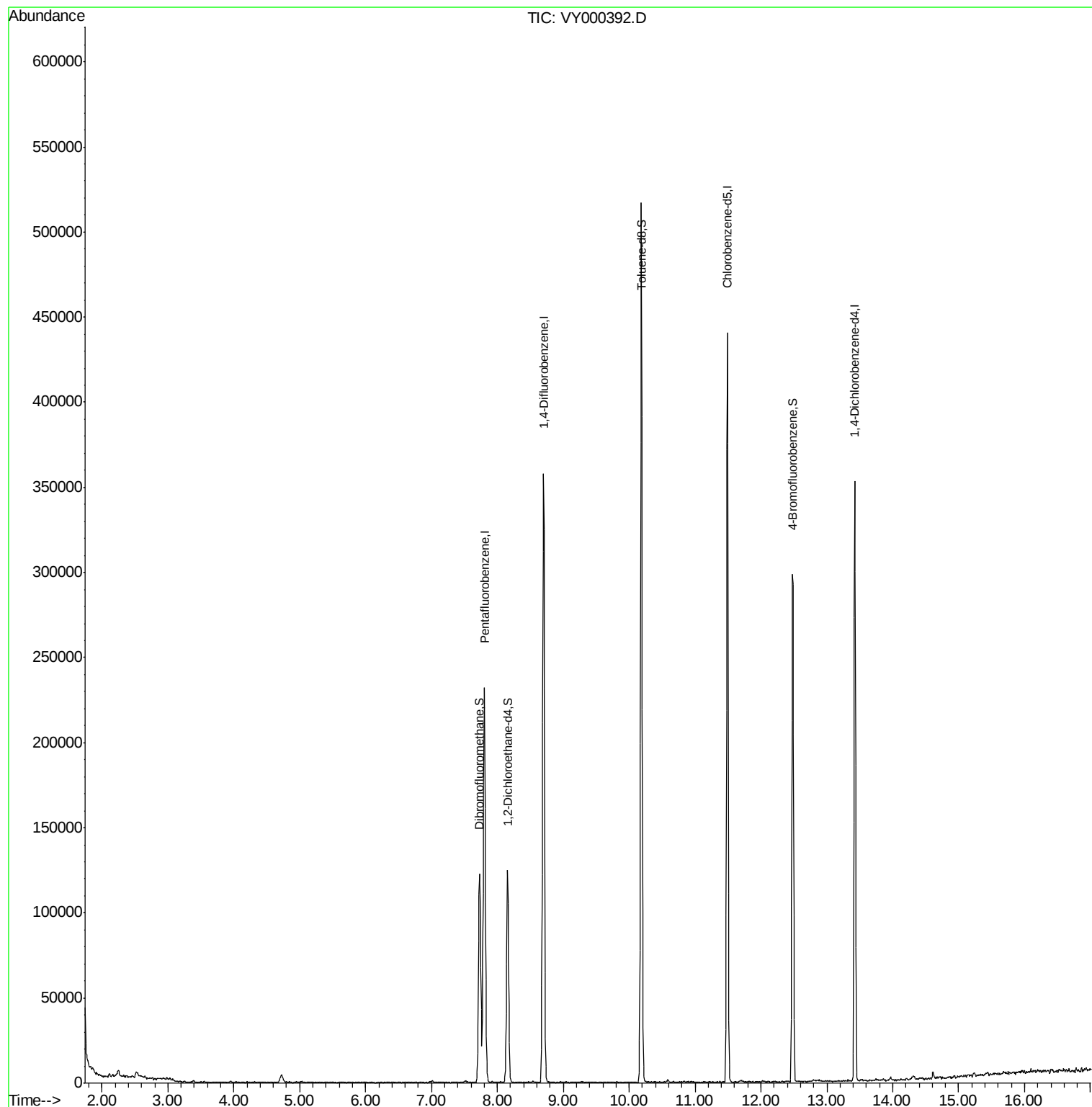
Target Compounds	Qvalue
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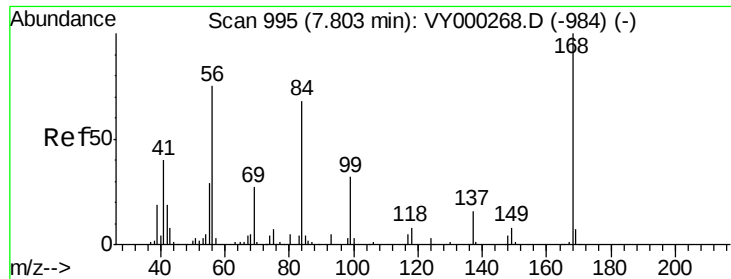
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY102319\
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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: VY000392.D

Acq: 23 Oct 2019 19:28

Instrument :

MSVOA_Y

ClientSampleId :

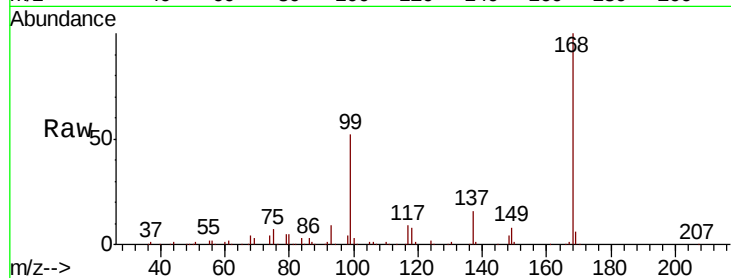
189-62-(1)

Tot Ion:168 Resp: 181960

Ion Ratio Lower Upper

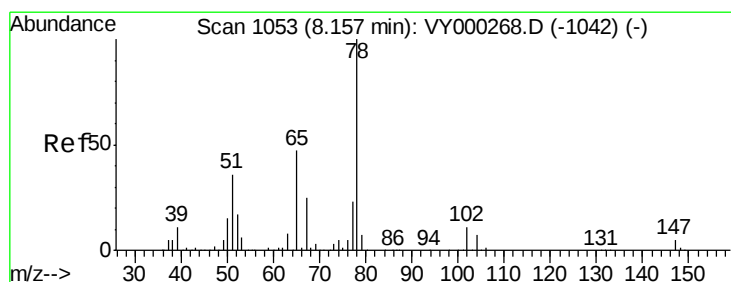
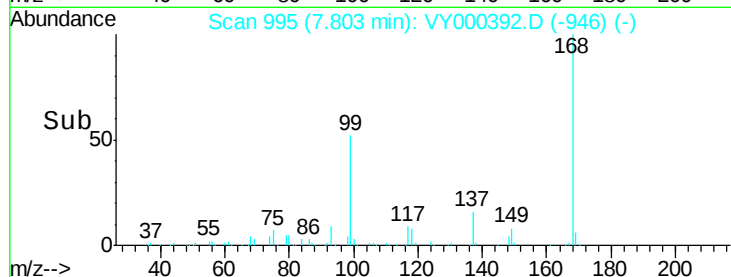
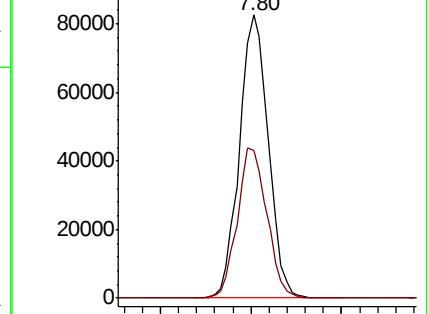
168 100

99 52.3 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000392.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000392.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.308 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000392.D

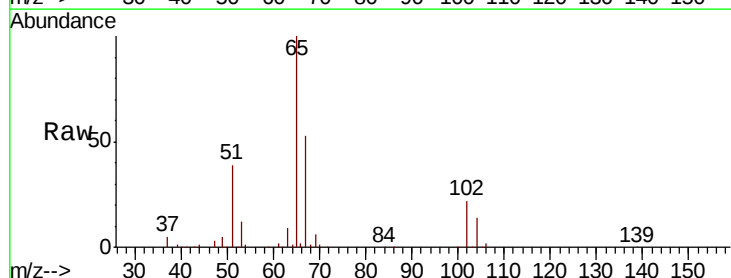
Acq: 23 Oct 2019 19:28

Tgt Ion: 65 Resp: 94641

Ion Ratio Lower Upper

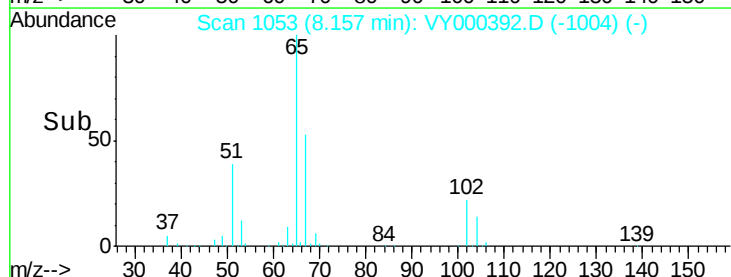
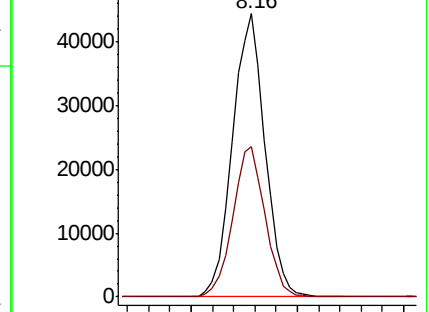
65 100

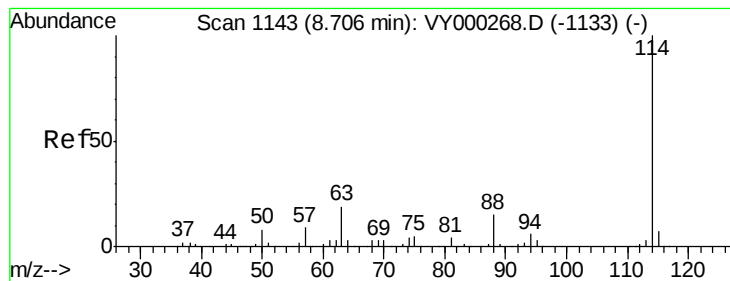
67 52.7 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000392.D (-1004) (-)

Ion 66.90 (66.60 to 67.60): VY000392.D (-1004) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000392.D

Acq: 23 Oct 2019 19:28

Instrument :

MSVOA_Y

ClientSampleId :

189-62-(1)

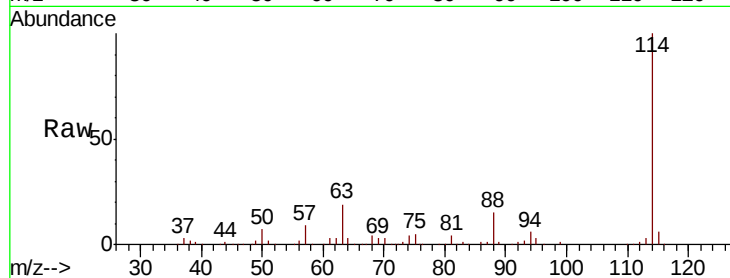
Tot Ion:114 Resp: 299954

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.2

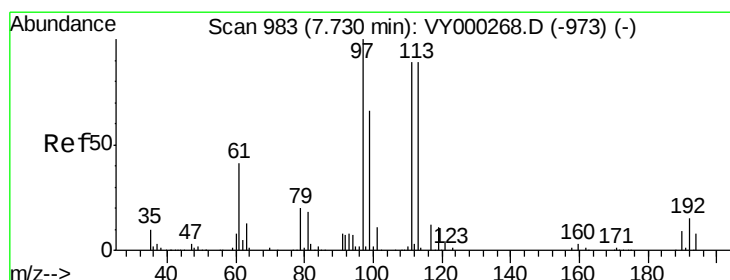
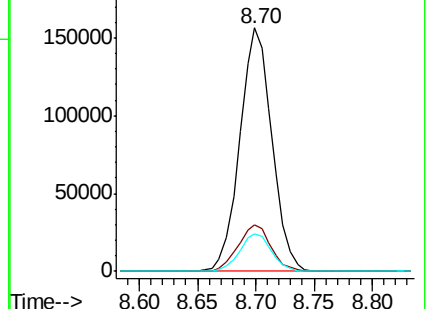
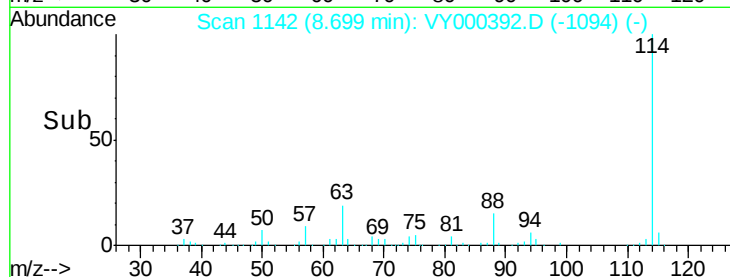
88 15.3 0.0 30.2



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: 46.819 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000392.D

Acq: 23 Oct 2019 19:28

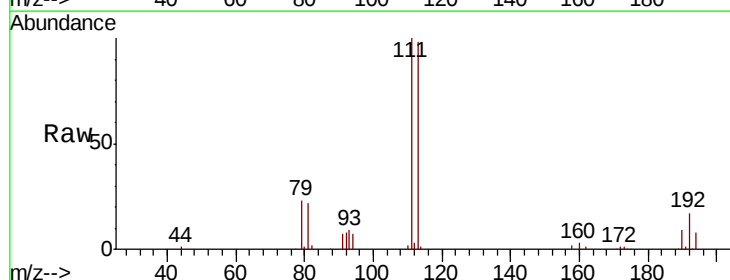
Tgt Ion:113 Resp: 84712

Ion Ratio Lower Upper

113 100

111 104.3 81.6 122.4

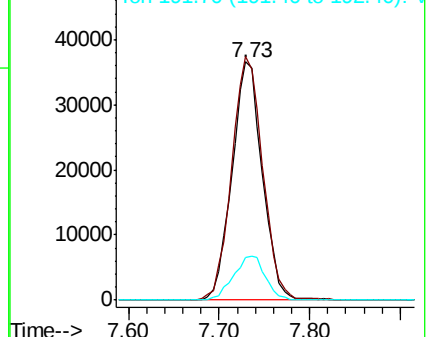
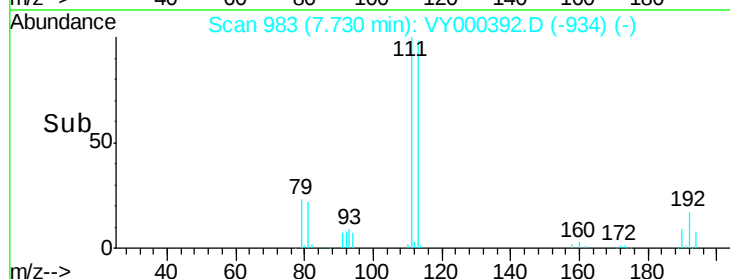
192 19.3 15.3 22.9

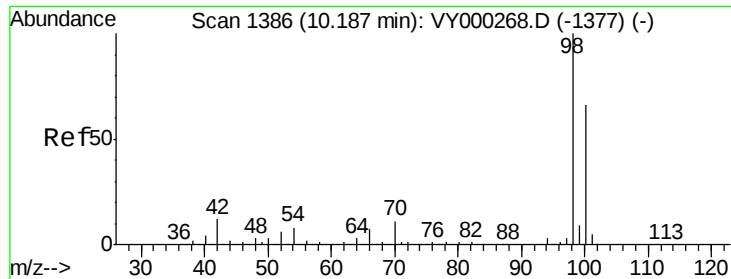


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.179 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000392.D

Acq: 23 Oct 2019 19:28

Instrument :

MSVOA_Y

ClientSampleId :

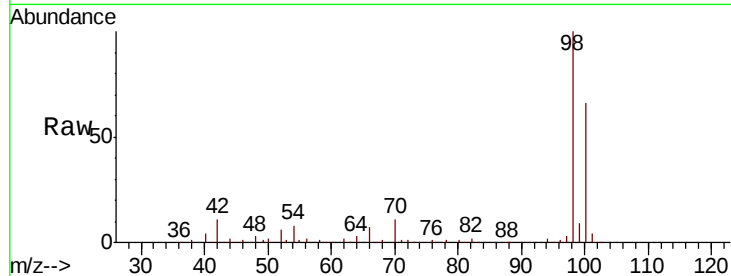
189-62-(1)

Tot Ion: 98 Resp: 335334

Ion Ratio Lower Upper

98 100

100 66.3 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY000268.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY000392.D (-1714) (-)

10.19

200000

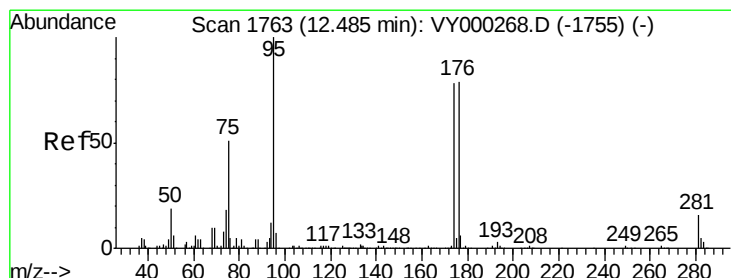
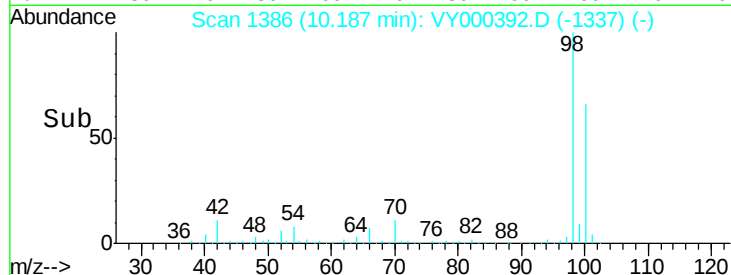
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 34.225 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000392.D

Acq: 23 Oct 2019 19:28

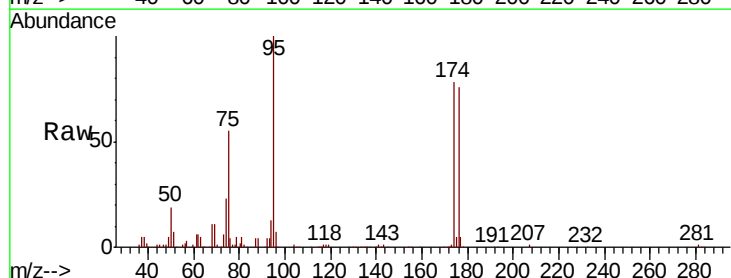
Tgt Ion: 95 Resp: 90498

Ion Ratio Lower Upper

95 100

174 84.1 0.0 159.6

176 80.5 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VY000268.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY000392.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY000392.D (-1714) (-)

12.48

80000

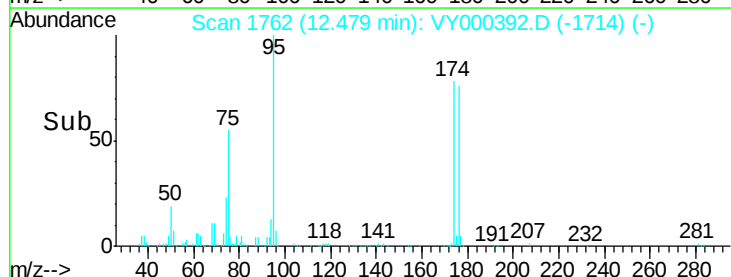
60000

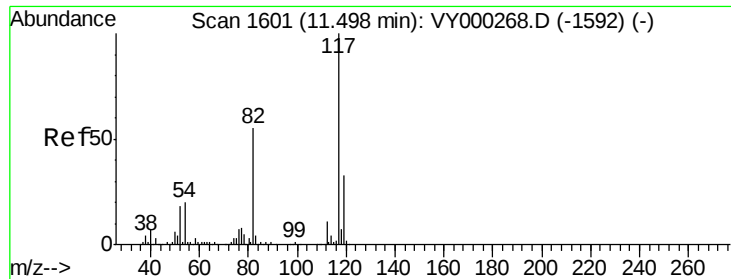
40000

20000

0

Time-->

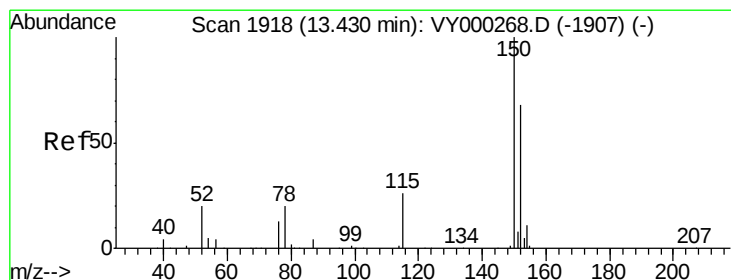
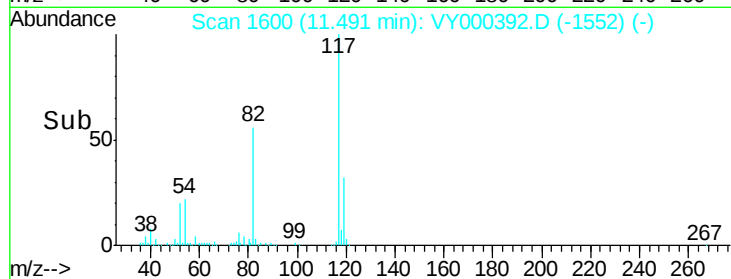
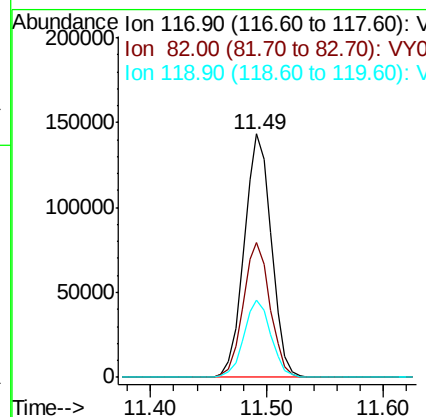
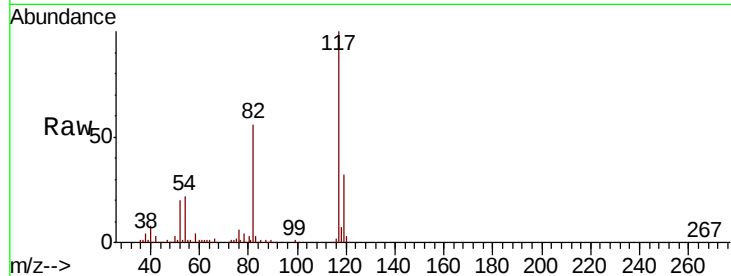




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000392.D
Acq: 23 Oct 2019 19:28

Instrument :
MSVOA_Y
ClientSampleId :
189-62-(1)

Tot Ion:117 Resp: 233111
Ion Ratio Lower Upper
117 100
82 55.6 43.7 65.5
119 32.0 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: VY000392.D
Acq: 23 Oct 2019 19:28

Tgt Ion:152 Resp: 84742
Ion Ratio Lower Upper
152 100
115 56.5 29.3 88.0
150 155.4 0.0 348.4

