

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
 Data File : VY002467.D
 Acq On : 23 Apr 2020 18:09
 Operator : SY/MD
 Sample : L2378-02
 Misc : 6.38G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6-S2

Quant Time: Apr 24 02:13:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

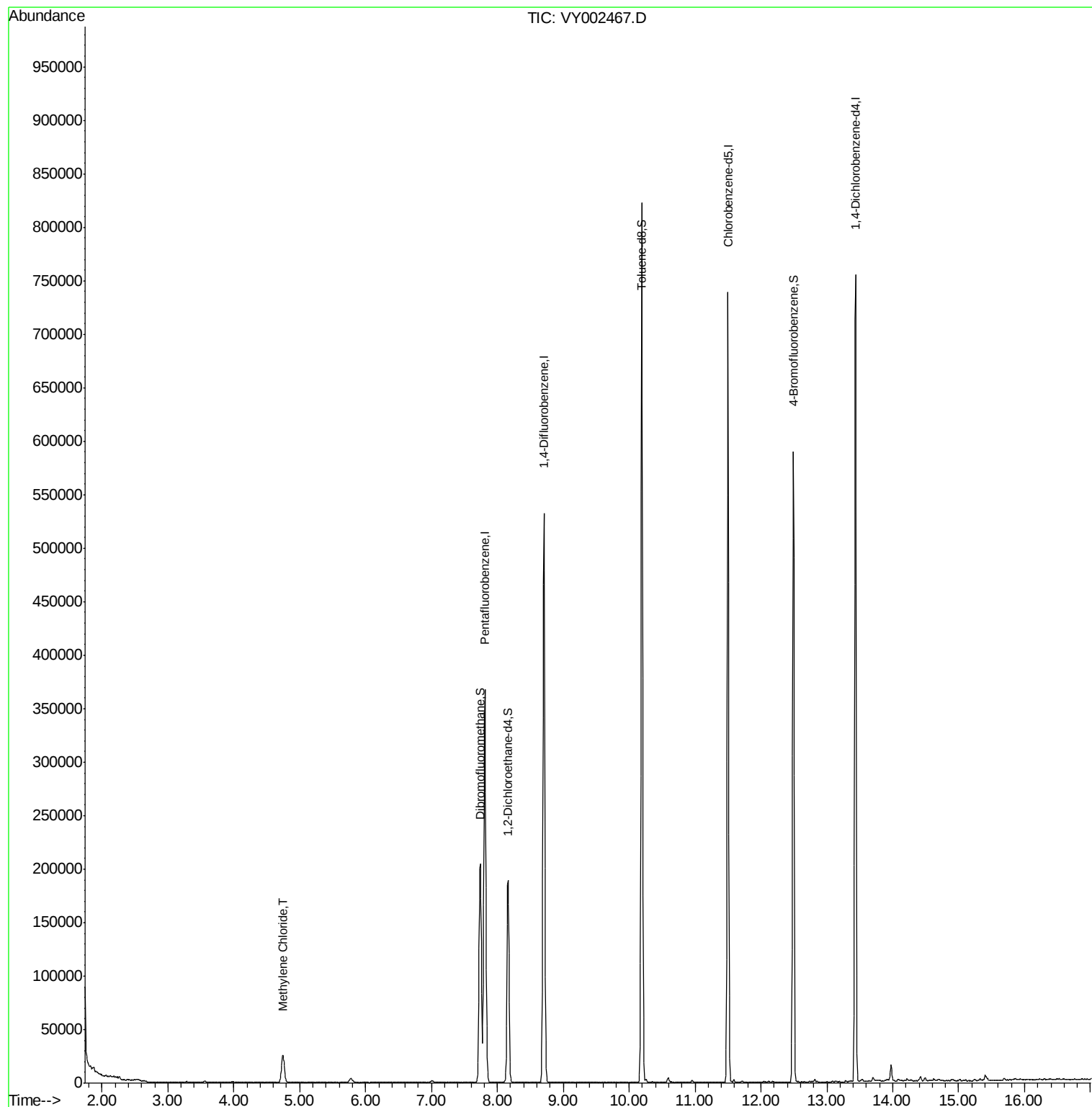
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	302988	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	477144	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	419070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	203059	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	148978	56.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.52%	
35) Dibromofluoromethane	7.74	113	144028	53.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.04%	
50) Toluene-d8	10.19	98	559189	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.49	95	176238	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
Target Compounds						
20) Methylene Chloride	4.74	84	21475	6.796	ug/l	Qvalue 97

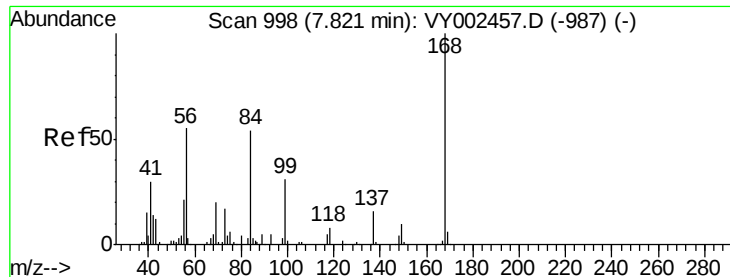
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY002467.D

Acq: 23 Apr 2020 18:09

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MSVOA_Y

ClientSampleId :

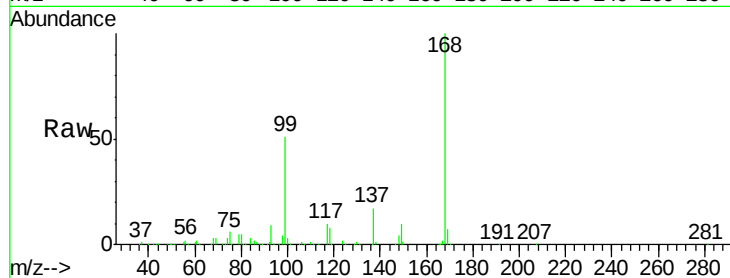
TP-6-S2

Tot Ion:168 Resp: 302988

Ion Ratio Lower Upper

168 100

99 50.8 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY002457.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY002457.D (-987) (-)

7.81

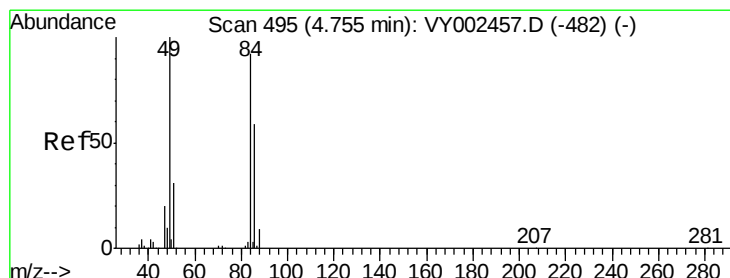
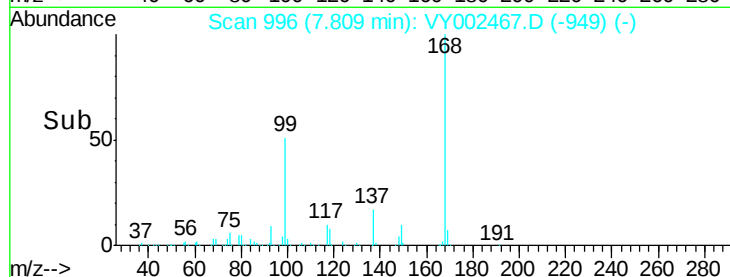
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 6.796 ug/l

RT: 4.74 min Scan# 493

Delta R.T. -0.01 min

Lab File: VY002467.D

Acq: 23 Apr 2020 18:09

Tgt Ion: 84 Resp: 21475

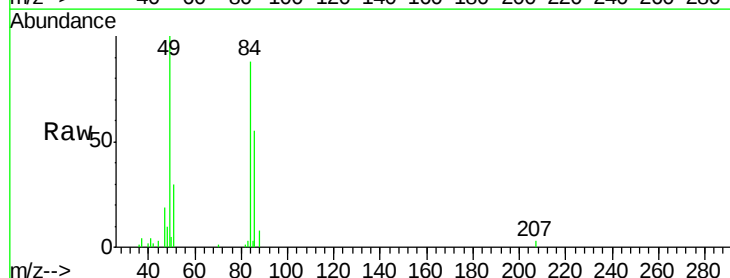
Ion Ratio Lower Upper

84 100

49 113.9 86.9 130.3

51 33.6 27.3 40.9

86 62.2 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VY002457.D (-482) (-)

Ion 48.90 (48.60 to 49.60): VY002457.D (-482) (-)

Ion 50.90 (50.60 to 51.60): VY002457.D (-482) (-)

Ion 85.90 (85.60 to 86.60): VY002457.D (-482) (-)

4.74

12000

10000

8000

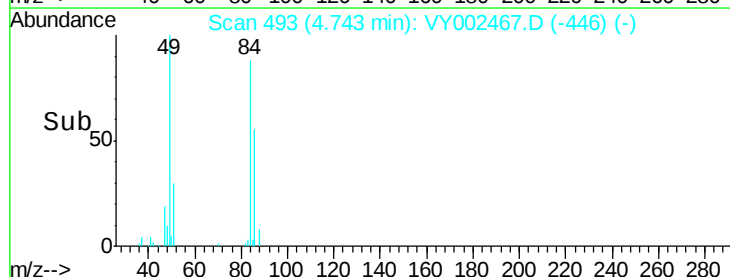
6000

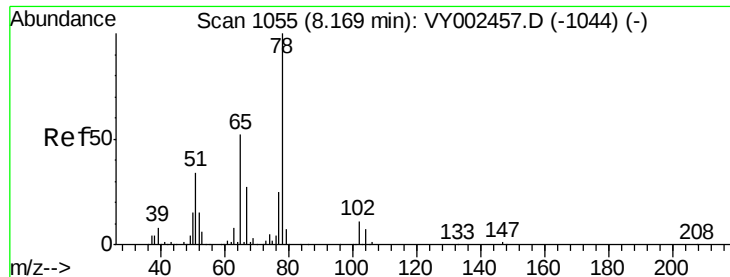
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 56.256 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002467.D

Acq: 23 Apr 2020 18:09

Instrument :

MSVOA_Y

ClientSampleId :

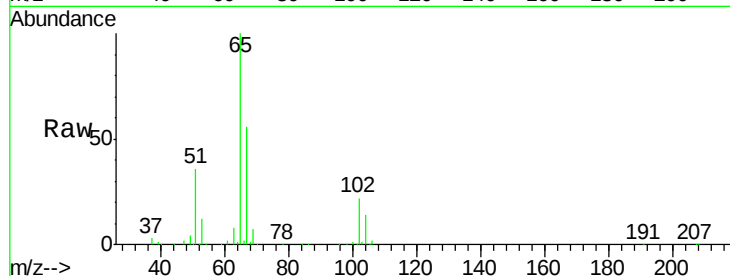
TP-6-S2

Tot Ion: 65 Resp: 148978

Ion Ratio Lower Upper

65 100

67 53.8 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.16

60000

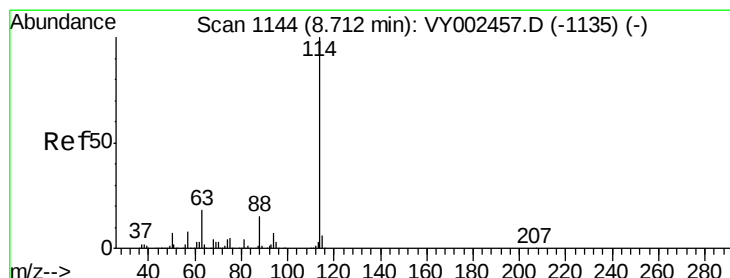
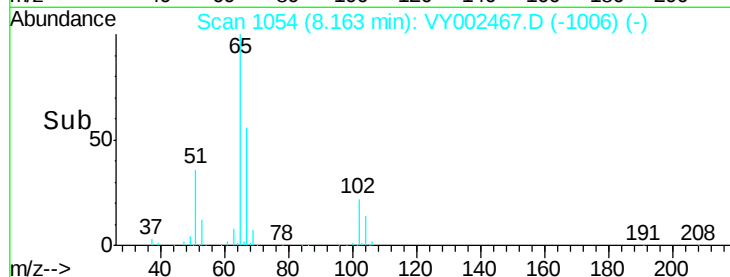
40000

20000

0

8.10 8.20 8.30

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY002467.D

Acq: 23 Apr 2020 18:09

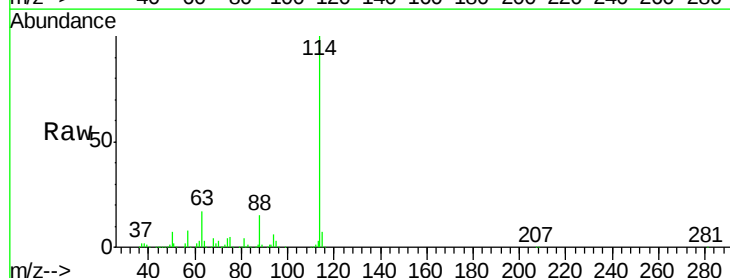
Tgt Ion: 114 Resp: 477144

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.6

88 15.0 0.0 29.4



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

8.71

300000

250000

200000

150000

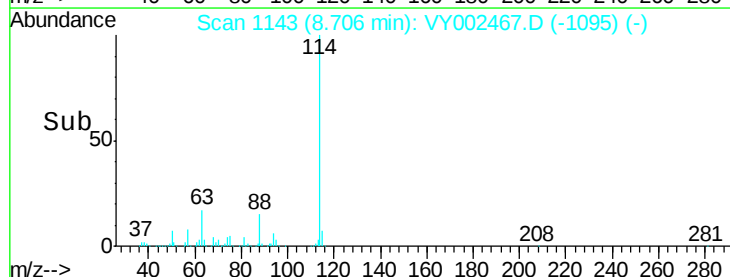
100000

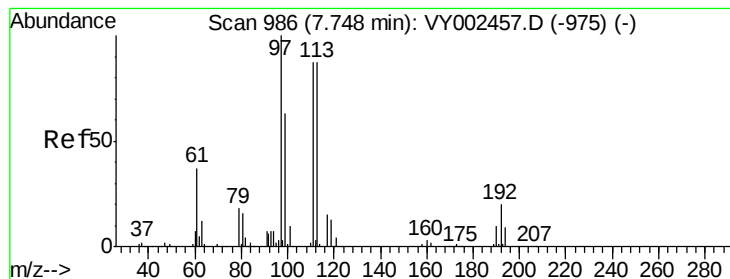
50000

0

8.60 8.70 8.80

Time-->





#35

Dibromofluoromethane

Concen: 53.515 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY002467.D

Acq: 23 Apr 2020 18:09

Instrument :

MSVOA_Y

ClientSampleId :

TP-6-S2

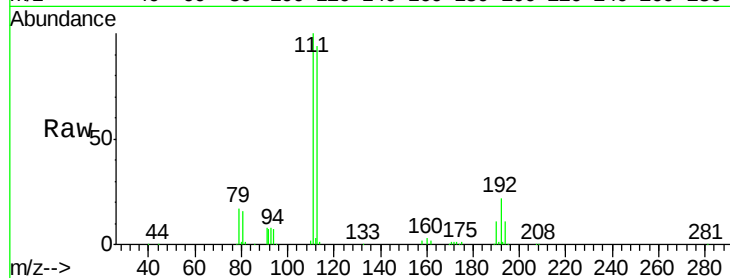
Tot Ion:113 Resp: 144028

Ion Ratio Lower Upper

113 100

111 102.6 81.0 121.4

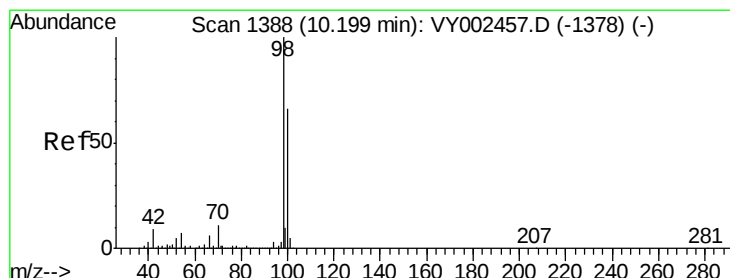
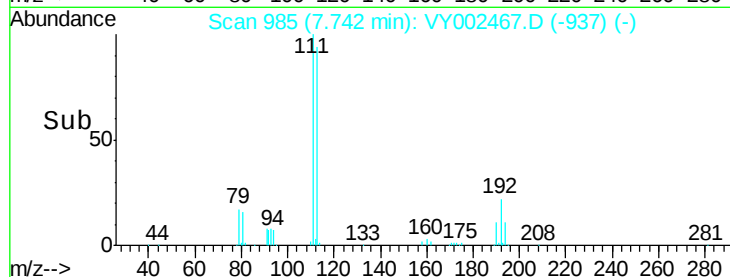
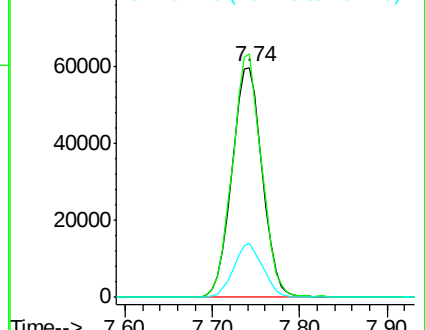
192 22.6 18.6 27.8



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: 51.695 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VY002467.D

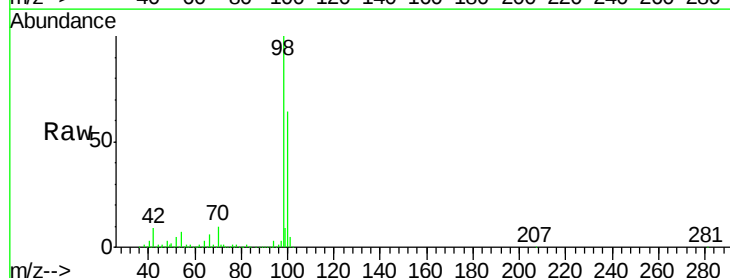
Acq: 23 Apr 2020 18:09

Tgt Ion: 98 Resp: 559189

Ion Ratio Lower Upper

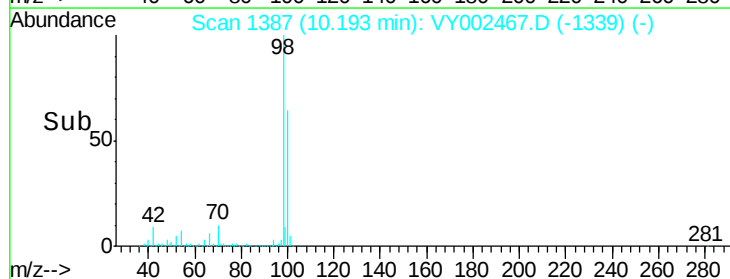
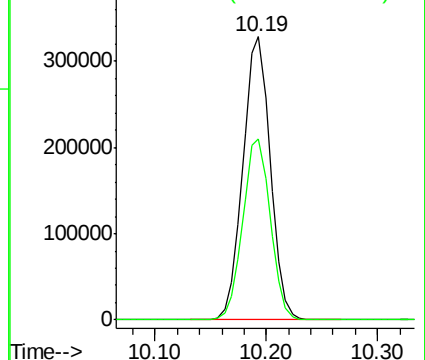
98 100

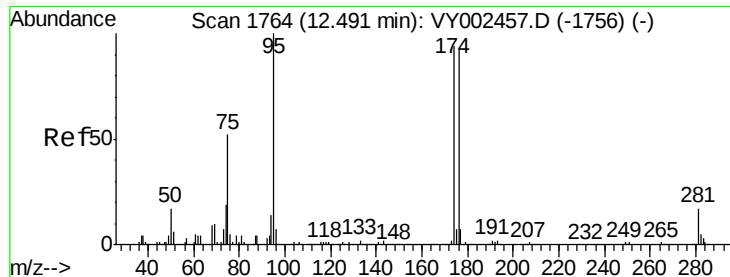
100 64.4 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

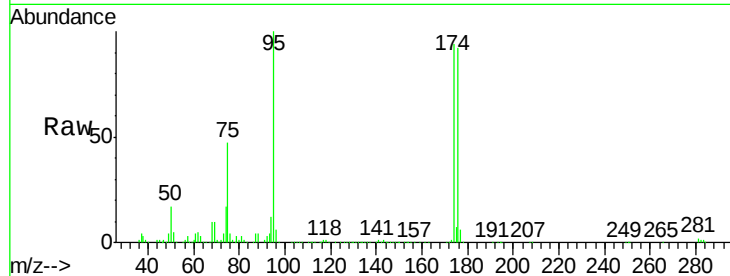




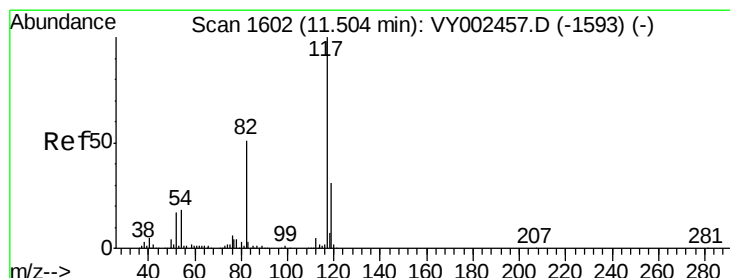
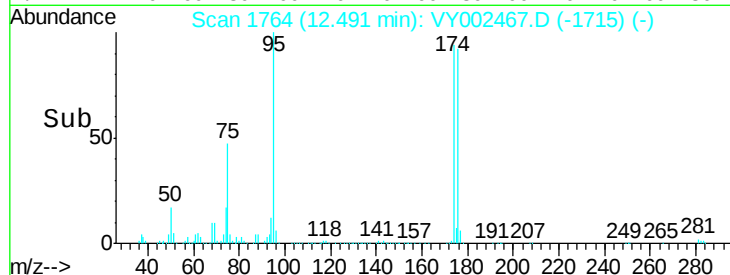
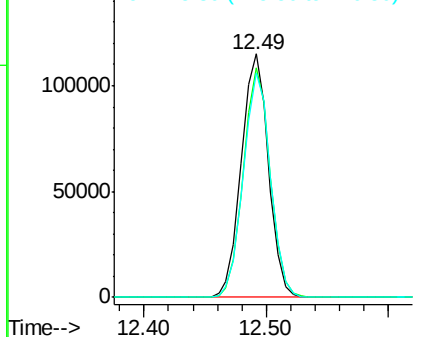
#62
4-Bromofluorobenzene
Concen: 48.556 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY002467.D
Acq: 23 Apr 2020 18:09

Instrument :
MSVOA_Y
ClientSampleId :
TP-6-S2

Tot Ion: 95 Resp: 176238
Ion Ratio Lower Upper
95 100
174 93.7 0.0 193.0
176 92.5 0.0 190.4

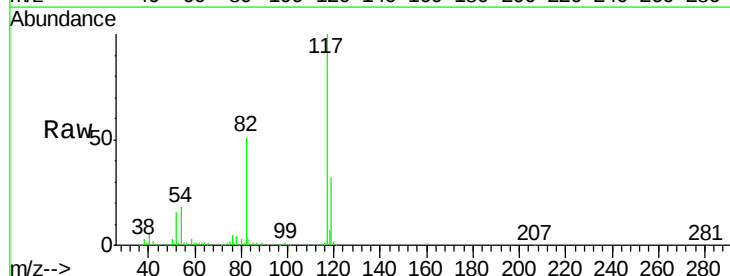


Abundance Ion 94.90 (94.60 to 95.60): VY002457.D (-1756) (-)
Ion 173.80 (173.50 to 174.50): VY002457.D (-1756) (-)
Ion 175.80 (175.50 to 176.50): VY002457.D (-1756) (-)

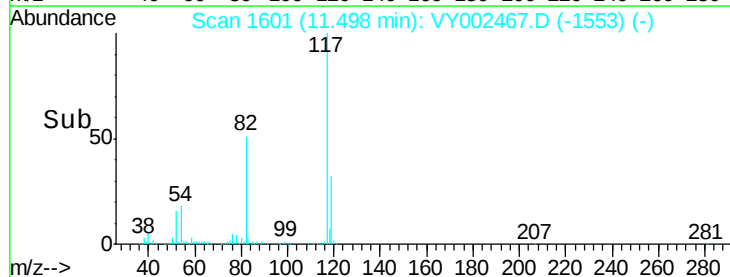
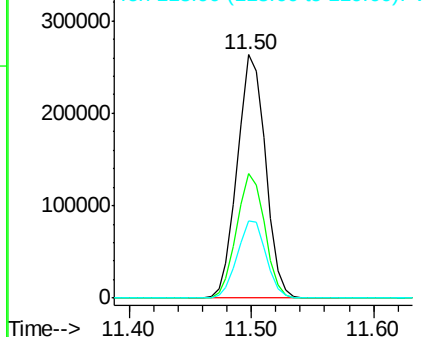


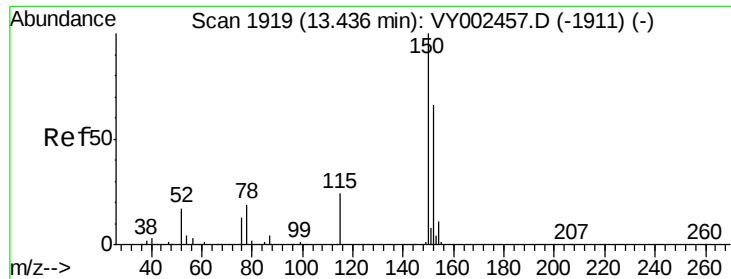
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002467.D
Acq: 23 Apr 2020 18:09

Tgt Ion: 117 Resp: 419070
Ion Ratio Lower Upper
117 100
82 51.3 40.8 61.2
119 31.6 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): VY002457.D (-1593) (-)
Ion 82.00 (81.70 to 82.70): VY002457.D (-1593) (-)
Ion 118.90 (118.60 to 119.60): VY002457.D (-1593) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY002467.D

Acq: 23 Apr 2020 18:09

Instrument :

MSVOA_Y

ClientSampleId :

TP-6-S2

Tot Ion:152 Resp: 203059

Ion Ratio Lower Upper

152 100

115 55.0 27.3 81.8

150 158.0 0.0 346.8

