

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001573.D
 Acq On : 07 Feb 2020 22:19
 Operator : SY/MD
 Sample : L1470-02
 Misc : 5.09G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-1-(BASE)

Quant Time: Feb 08 04:19:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	167792	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.72	114	291083	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.51	117	264195	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	123363	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	96754	57.27	ug/l	0.02
Spiked Amount	50.000		Recovery	=	114.54%	
35) Dibromofluoromethane	7.76	113	84642	50.43	ug/l	0.02
Spiked Amount	50.000		Recovery	=	100.86%	
50) Toluene-d8	10.21	98	351614	55.37	ug/l	0.02
Spiked Amount	50.000		Recovery	=	110.74%	
62) 4-Bromofluorobenzene	12.50	95	121866	48.71	ug/l	0.01
Spiked Amount	50.000		Recovery	=	97.42%	

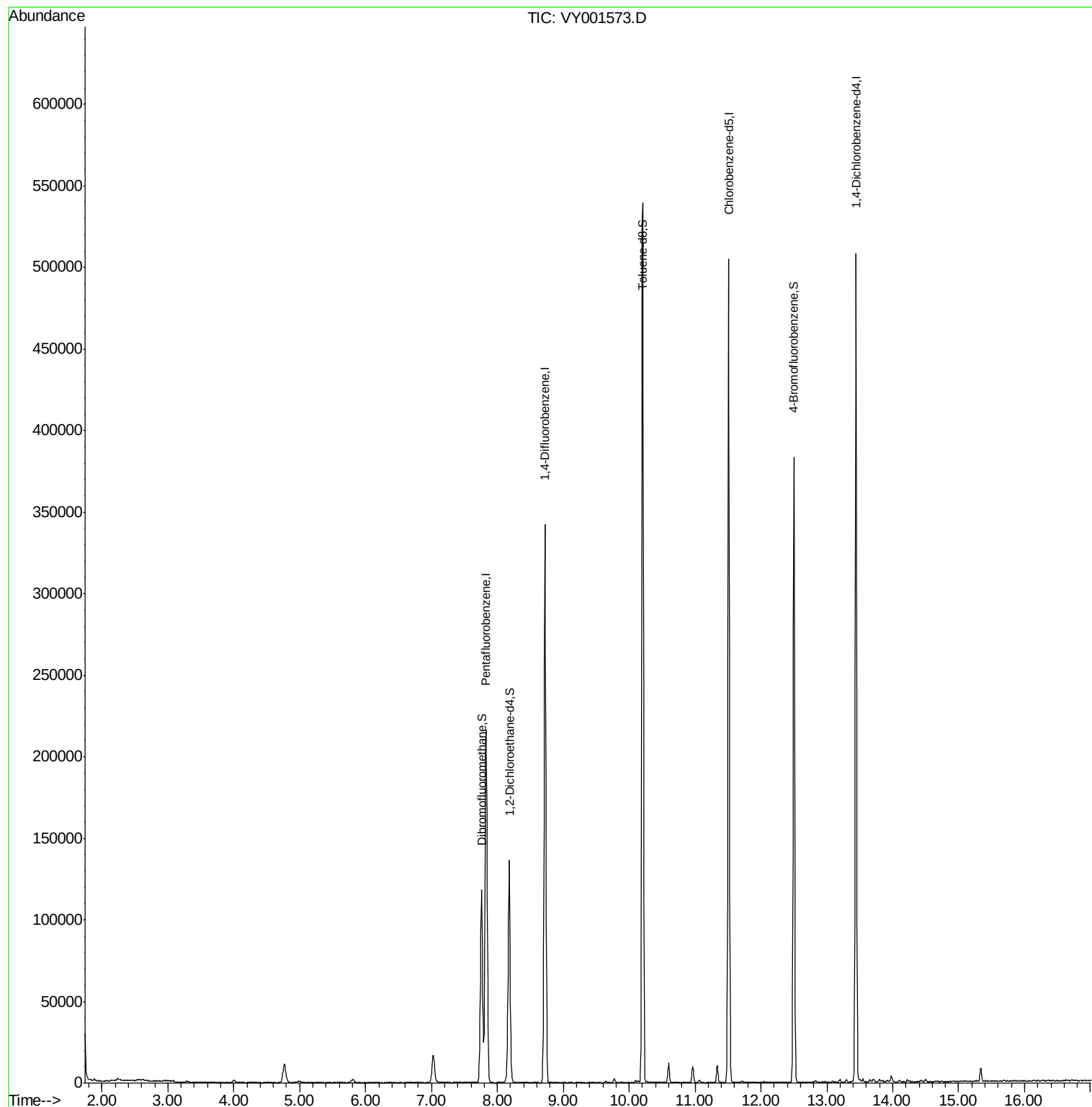
Target Compounds	Qvalue
------------------	--------

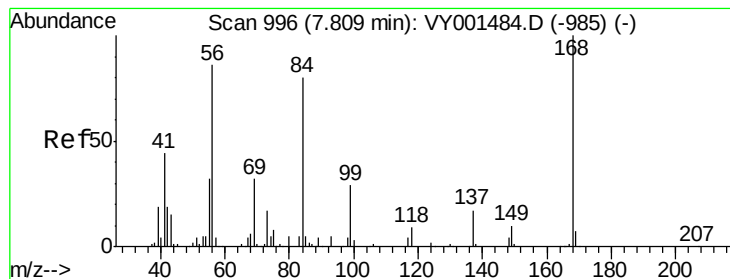
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
Data File : VY001573.D
Acq On : 07 Feb 2020 22:19
Operator : SY/MD
Sample : L1470-02
Misc : 5.09G/5ML/MSVOA Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PE-1-(BASE)

Quant Time: Feb 08 04:19:03 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.02 min

Lab File: VY001573.D

Acq: 07 Feb 2020 22:19

Instrument :

MSVOA_Y

ClientSampleId :

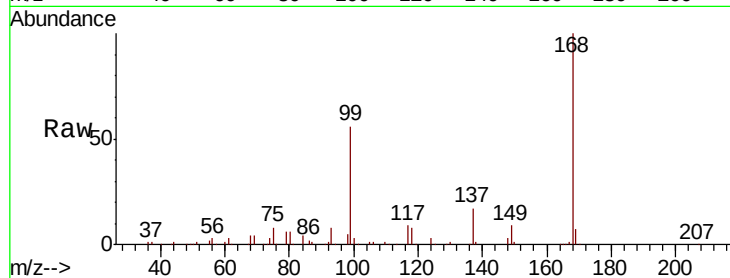
PE-1-(BASE)

Tot Ion:168 Resp: 167792

Ion Ratio Lower Upper

168 100

99 56.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001573.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001573.D (-947) (-)

7.83

80000

60000

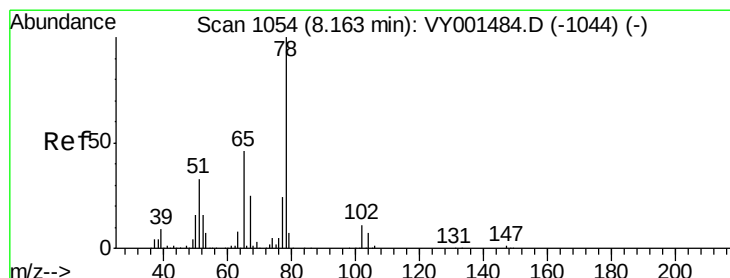
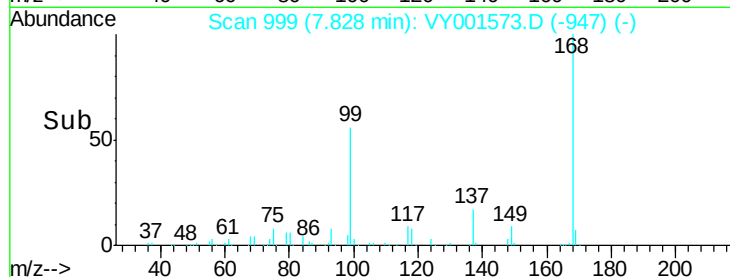
40000

20000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 57.270 ug/l

RT: 8.18 min Scan# 1057

Delta R.T. 0.02 min

Lab File: VY001573.D

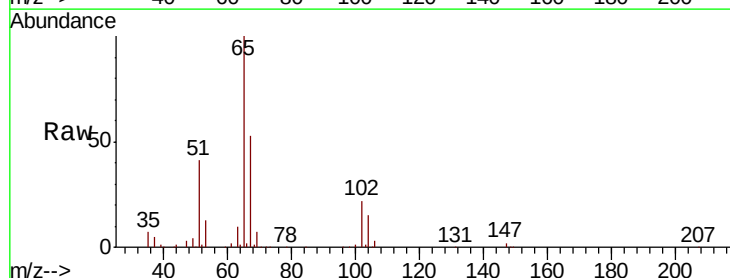
Acq: 07 Feb 2020 22:19

Tgt Ion: 65 Resp: 96754

Ion Ratio Lower Upper

65 100

67 53.4 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001573.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY001573.D (-1005) (-)

8.18

50000

40000

30000

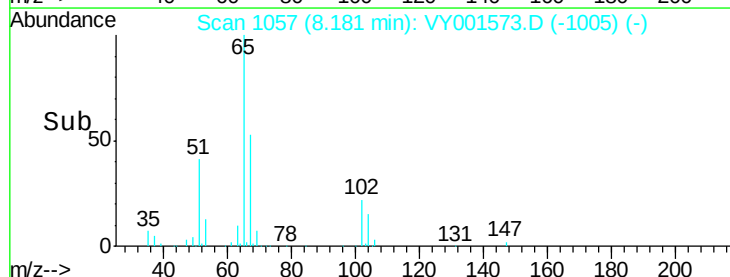
20000

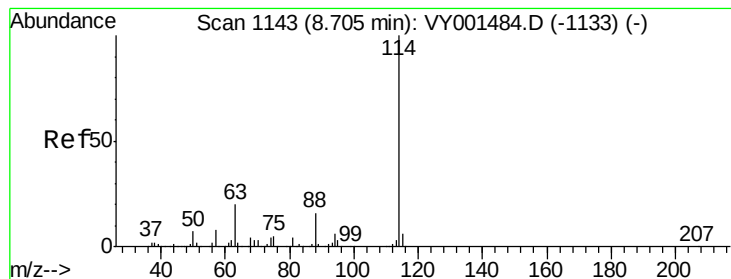
10000

0

Time-->

8.10 8.20 8.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1146

Delta R.T. 0.02 min

Lab File: VY001573.D

Acq: 07 Feb 2020 22:19

Instrument :

MSVOA_Y

ClientSampleId :

PE-1-(BASE)

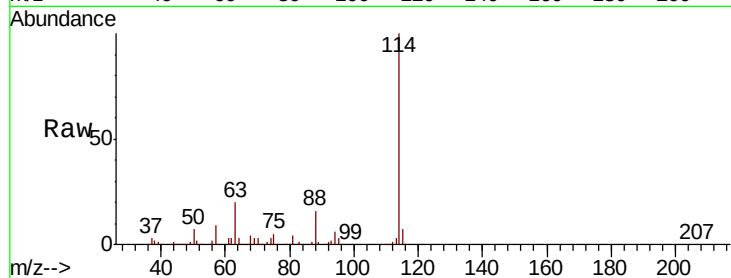
Tot Ion:114 Resp: 291083

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

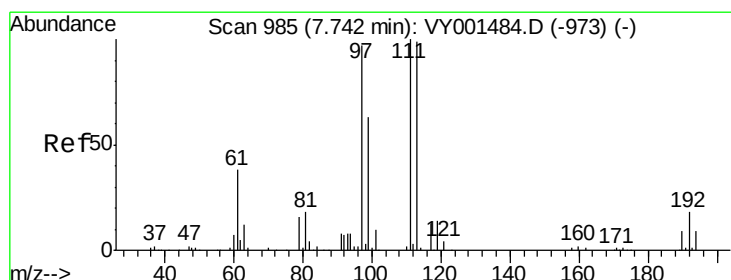
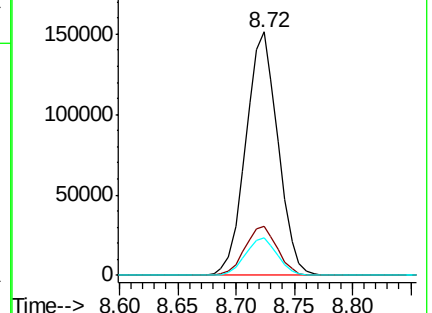
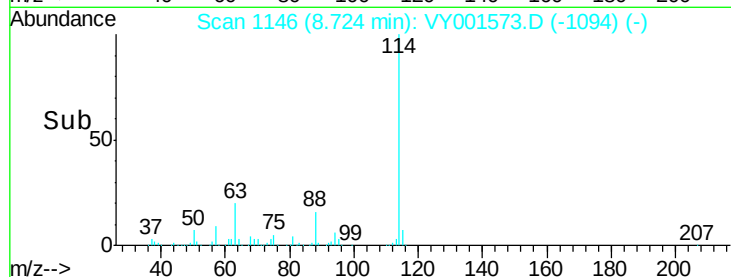
88 15.5 0.0 32.6



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: 50.426 ug/l

RT: 7.76 min Scan# 988

Delta R.T. 0.02 min

Lab File: VY001573.D

Acq: 07 Feb 2020 22:19

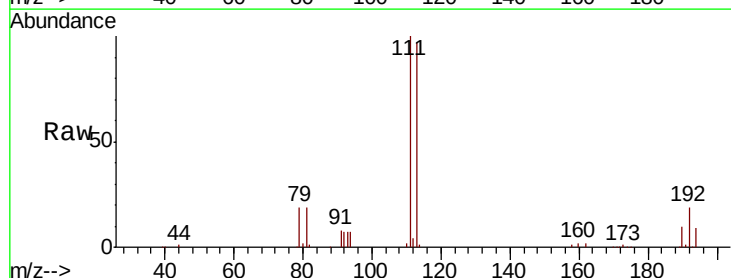
Tgt Ion:113 Resp: 84642

Ion Ratio Lower Upper

113 100

111 102.4 82.9 124.3

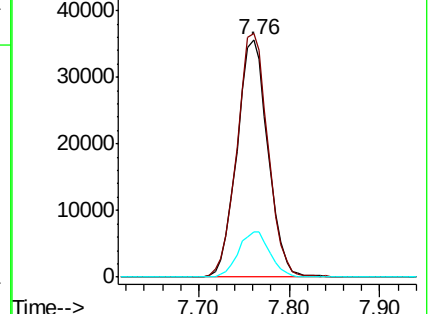
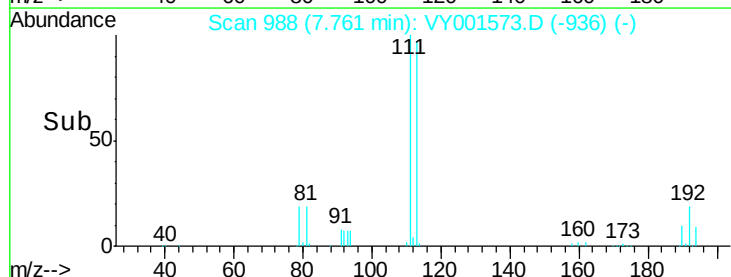
192 19.2 14.6 22.0

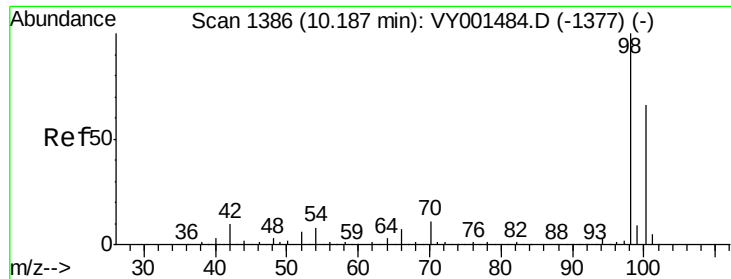


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.367 ug/l

RT: 10.21 min Scan# 1389

Delta R.T. 0.02 min

Lab File: VY001573.D

Acq: 07 Feb 2020 22:19

Instrument :

MSVOA_Y

ClientSampleId :

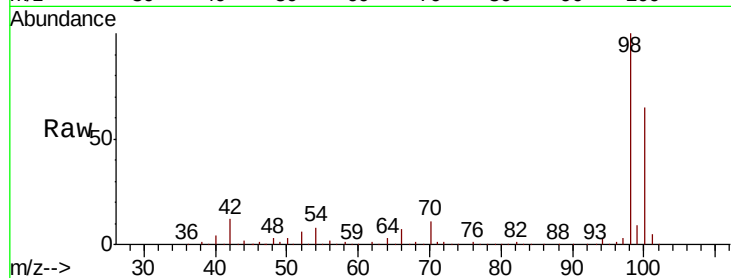
PE-1-(BASE)

Tot Ion: 98 Resp: 351614

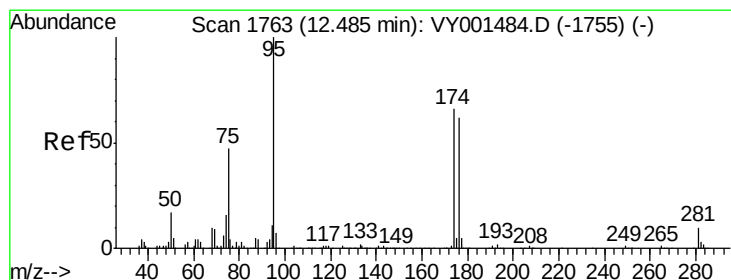
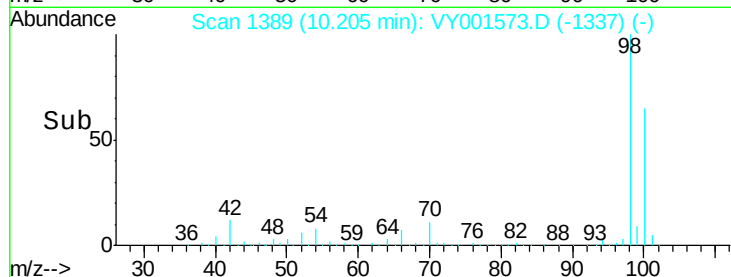
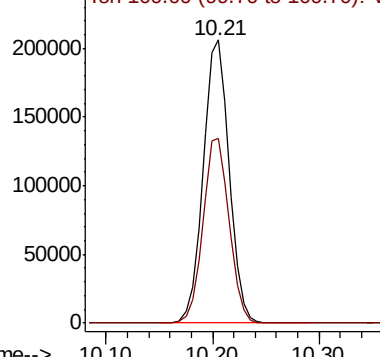
Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY001484.D (-1377) (-)



#62

4-Bromofluorobenzene

Concen: 48.712 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001573.D

Acq: 07 Feb 2020 22:19

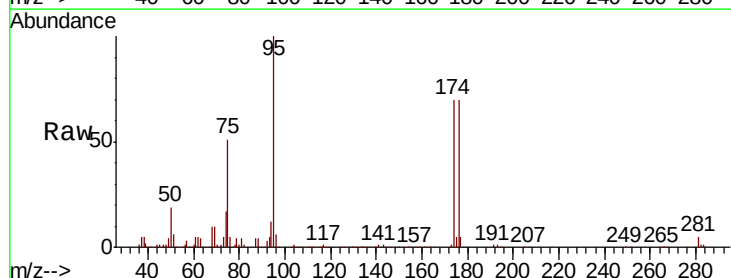
Tgt Ion: 95 Resp: 121866

Ion Ratio Lower Upper

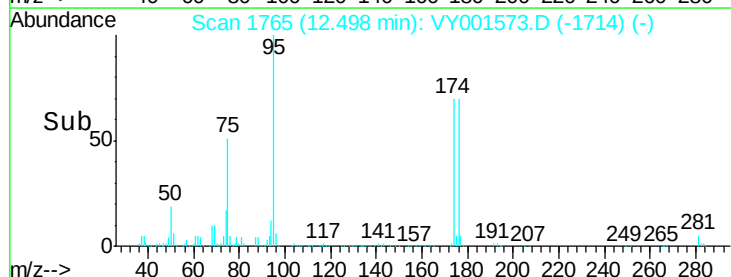
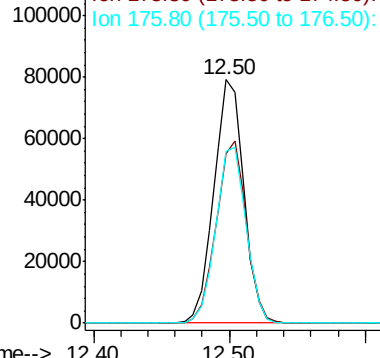
95 100

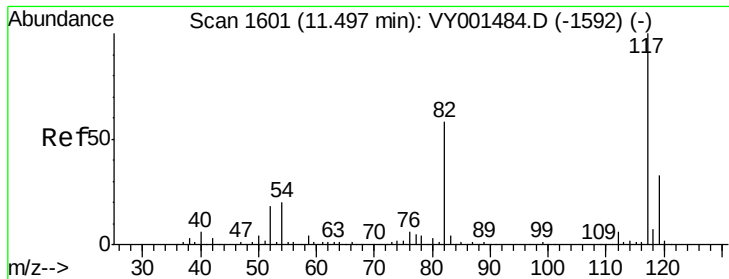
174 75.4 0.0 141.4

176 73.4 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VY001484.D (-1755) (-)

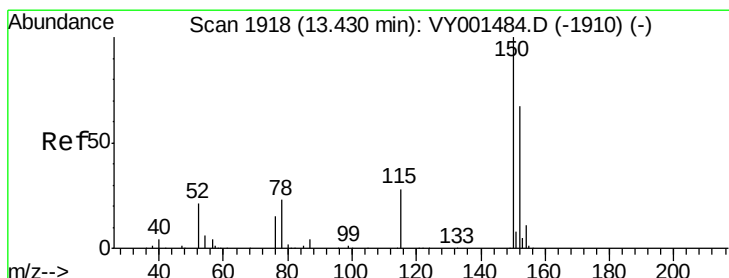
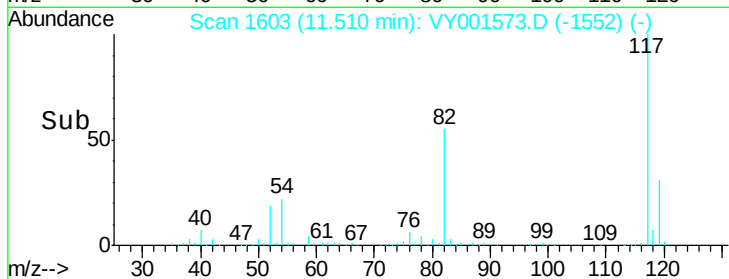
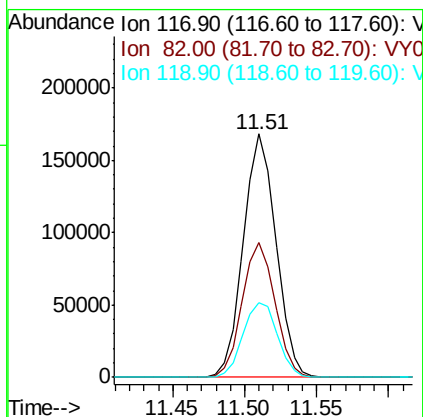
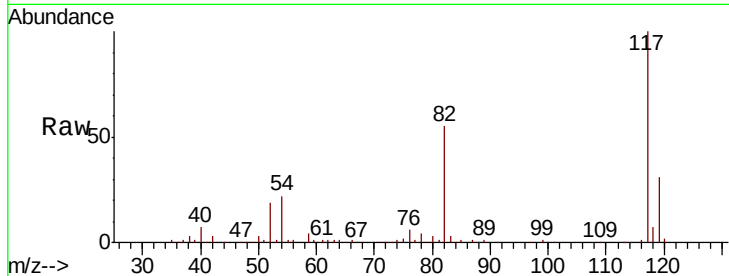




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY001573.D
Acq: 07 Feb 2020 22:19

Instrument :
MSVOA_Y
ClientSampleId :
PE-1-(BASE)

Tot Ion:117 Resp: 264195
Ion Ratio Lower Upper
117 100
82 55.5 46.1 69.1
119 30.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001573.D
Acq: 07 Feb 2020 22:19

Tgt Ion:152 Resp: 123363
Ion Ratio Lower Upper
152 100
115 59.0 31.4 94.3
150 158.1 0.0 346.8

