

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110119\
 Data File : VY000525.D
 Acq On : 01 Nov 2019 15:51
 Operator : SY/MD
 Sample : K5662-02
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-1A

Quant Time: Nov 01 23:26:57 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	206242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	355752	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	308689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	132700	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	120806	56.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.20%	
35) Dibromofluoromethane	7.73	113	97618	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
50) Toluene-d8	10.18	98	408121	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.48	95	133847	44.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.74%	

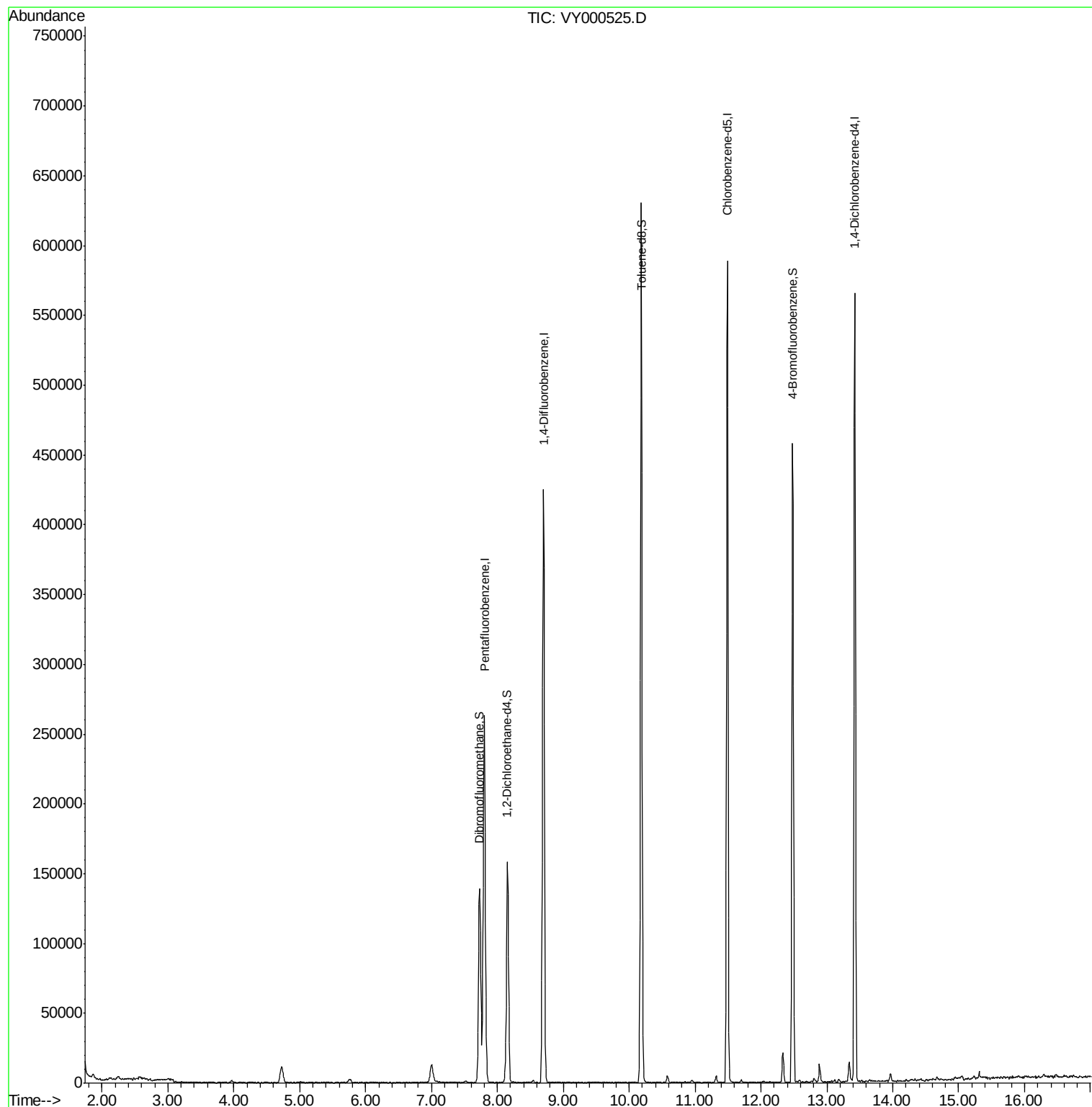
Target Compounds	Qvalue
------------------	--------

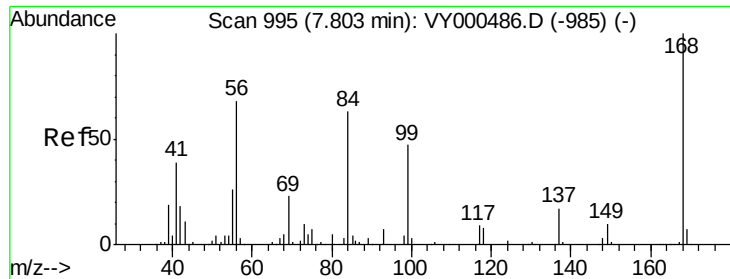
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY110119\
Data File : VY000525.D
Acq On : 01 Nov 2019 15:51
Operator : SY/MD
Sample : K5662-02
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-1A

Quant Time: Nov 01 23:26:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000525.D

Acq: 01 Nov 2019 15:51

Instrument :

MSVOA_Y

ClientSampled :

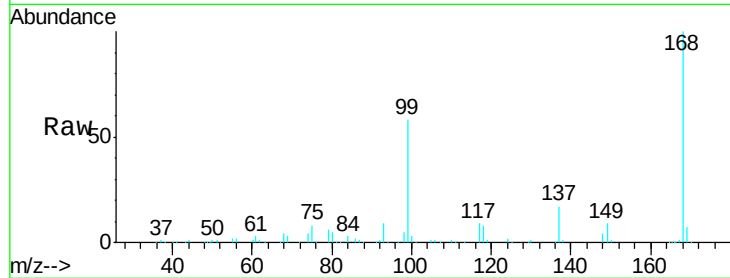
S-1A

Tgt Ion: 168 Resp: 206242

Ion Ratio Lower Upper

168 100

99 58.4 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

100000

80000

60000

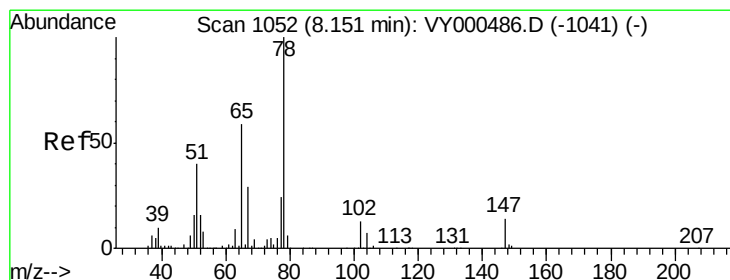
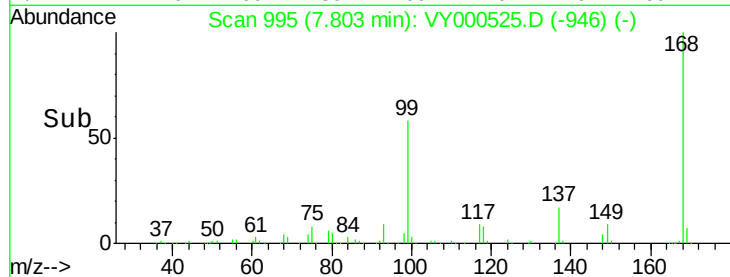
40000

20000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 56.601 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000525.D

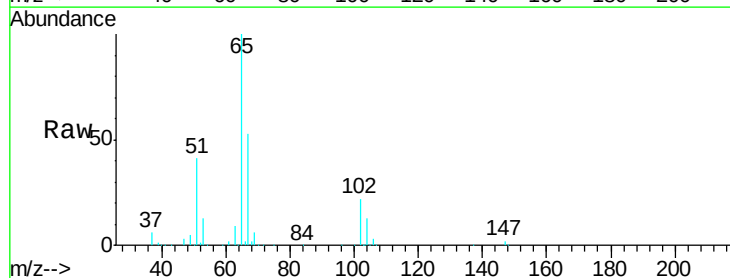
Acq: 01 Nov 2019 15:51

Tgt Ion: 65 Resp: 120806

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY000486.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY000486.D (-1041) (-)

8.15

60000

50000

40000

30000

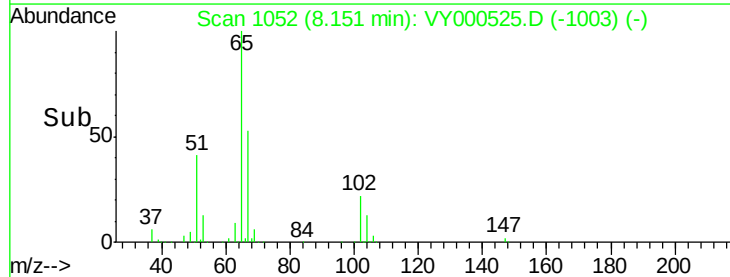
20000

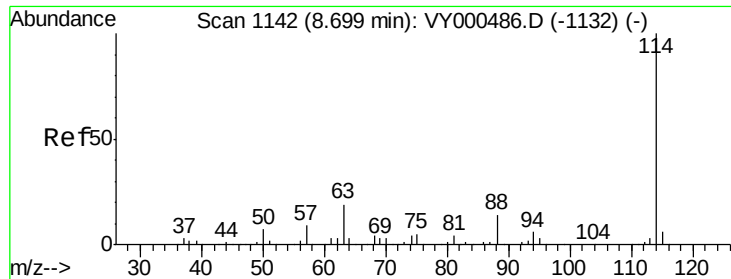
10000

0

Time-->

8.10 8.20 8.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000525.D

Acq: 01 Nov 2019 15:51

Instrument :

MSVOA_Y

ClientSampleId :

S-1A

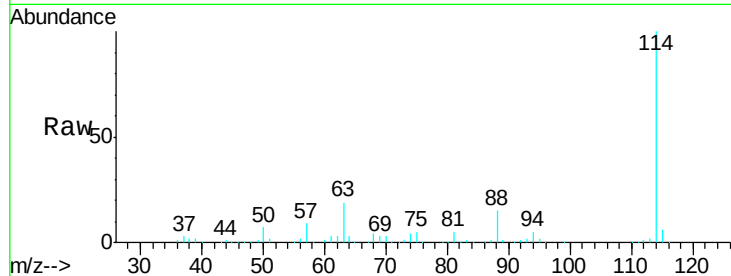
Tgt Ion:114 Resp: 355752

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.0

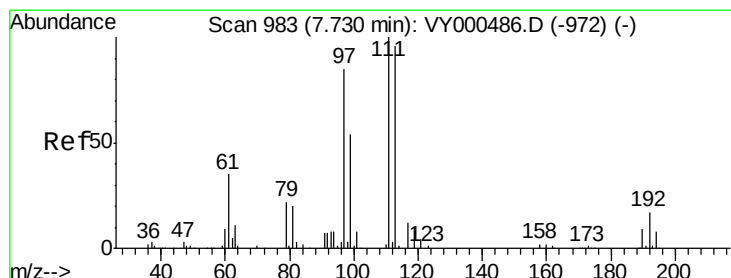
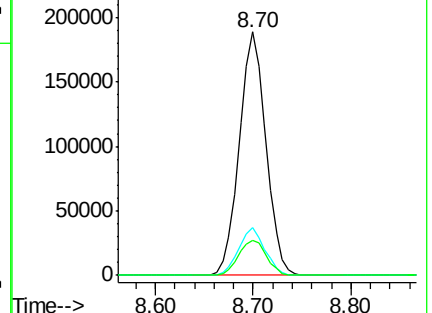
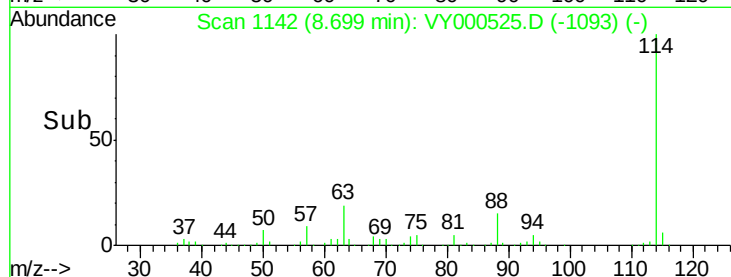
88 14.6 0.0 28.6



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: 46.741 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000525.D

Acq: 01 Nov 2019 15:51

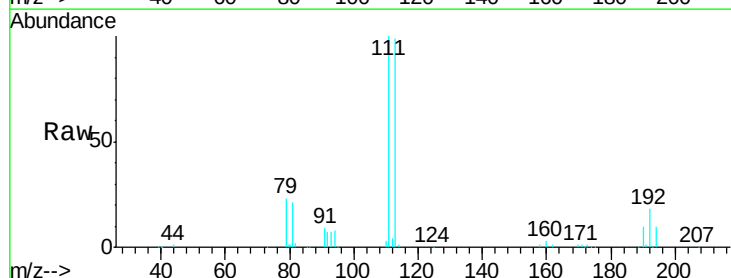
Tgt Ion:113 Resp: 97618

Ion Ratio Lower Upper

113 100

111 102.9 81.7 122.5

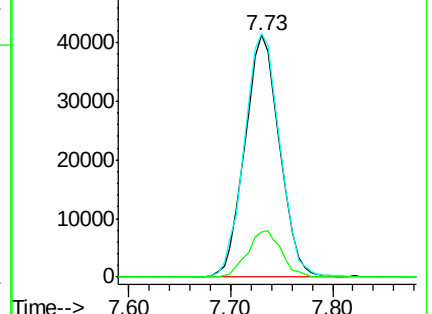
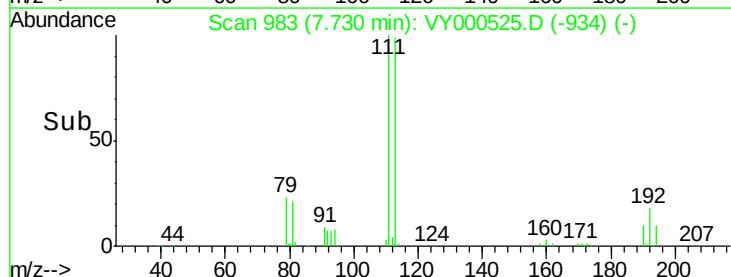
192 18.6 15.0 22.4

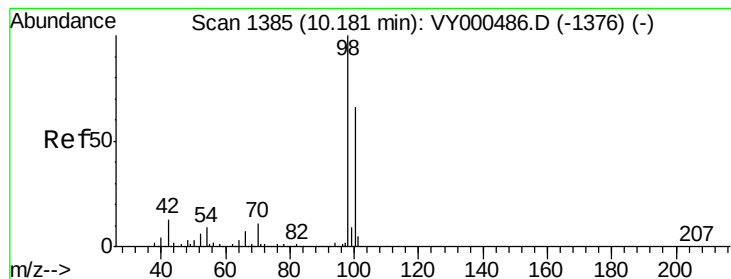


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.500 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000525.D

Acq: 01 Nov 2019 15:51

Instrument :

MSVOA_Y

ClientSampled :

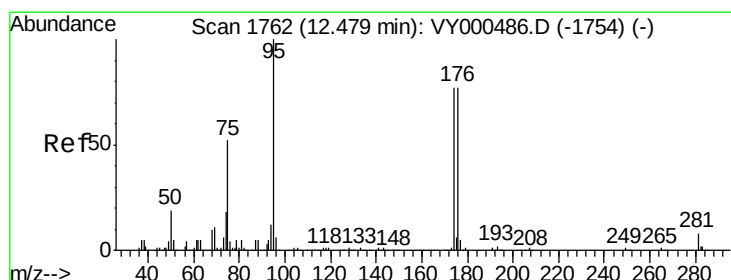
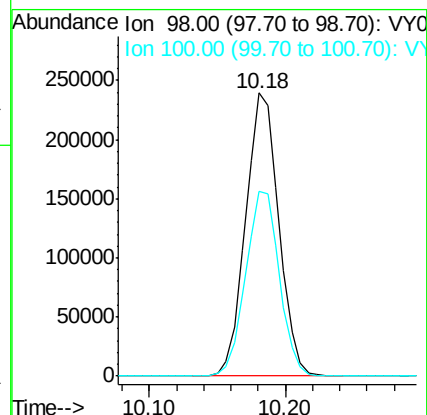
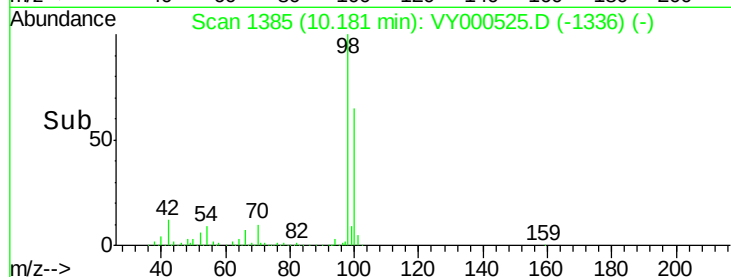
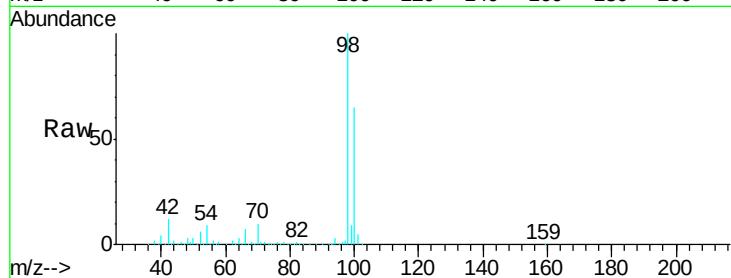
S-1A

Tgt Ion: 98 Resp: 408121

Ion Ratio Lower Upper

98 100

100 66.3 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 44.366 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000525.D

Acq: 01 Nov 2019 15:51

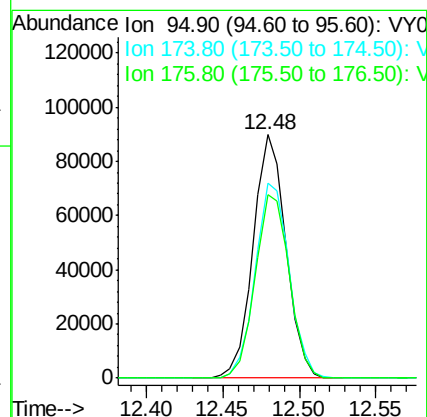
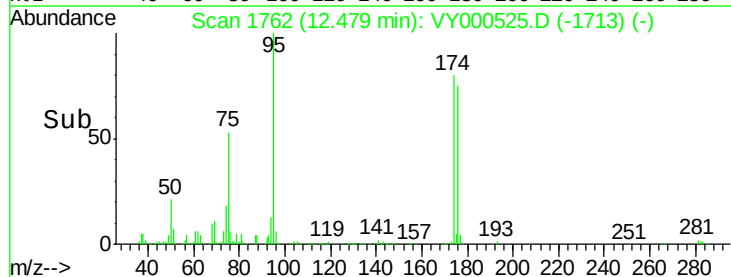
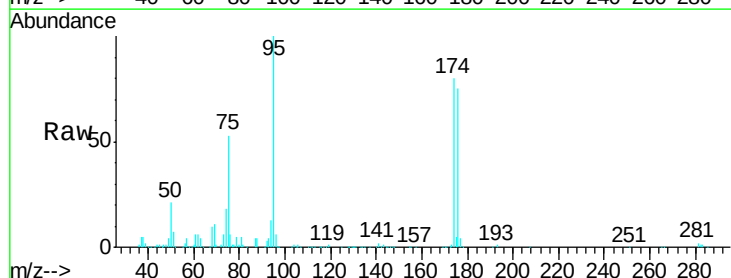
Tgt Ion: 95 Resp: 133847

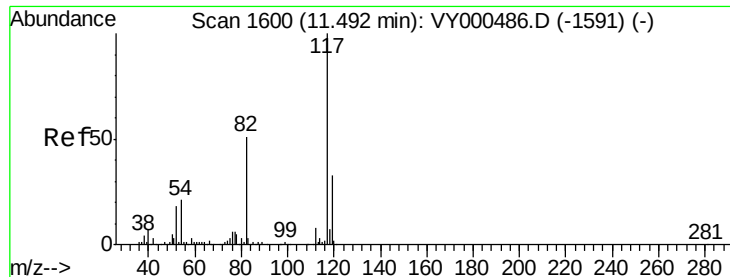
Ion Ratio Lower Upper

95 100

174 82.9 0.0 161.6

176 78.7 0.0 157.8

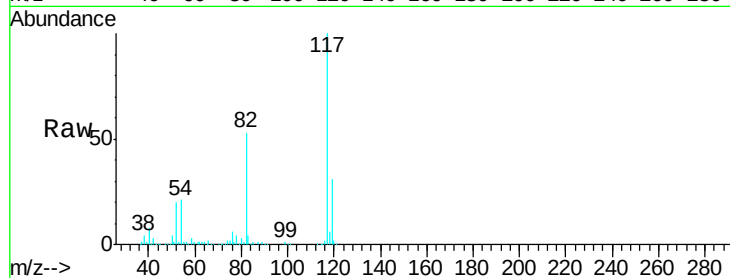




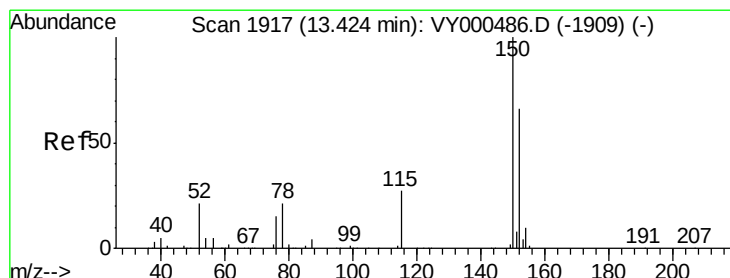
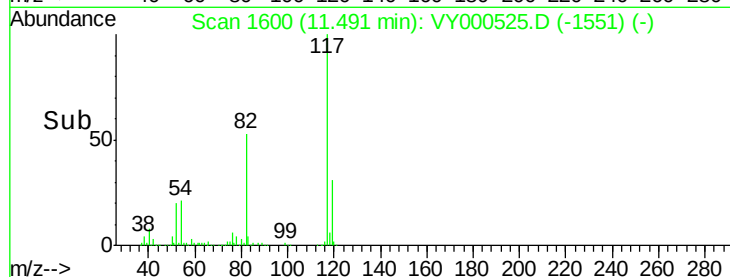
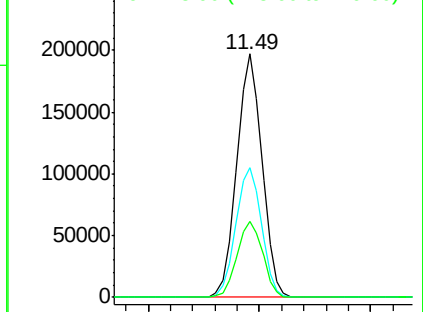
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000525.D
Acq: 01 Nov 2019 15:51

Instrument :
MSVOA_Y
ClientSampled :
S-1A

Tgt Ion:117 Resp: 308689
Ion Ratio Lower Upper
117 100
82 53.3 40.8 61.2
119 31.4 26.2 39.2

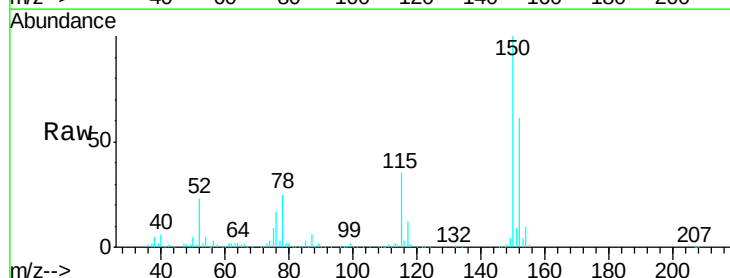


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000525.D
Acq: 01 Nov 2019 15:51

Tgt Ion:152 Resp: 132700
Ion Ratio Lower Upper
152 100
115 57.9 29.1 87.4
150 159.6 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

