

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060920\
 Data File : VY002869.D
 Acq On : 09 Jun 2020 14:33
 Operator : SY/MD
 Sample : L2954-01
 Misc : 7.21G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

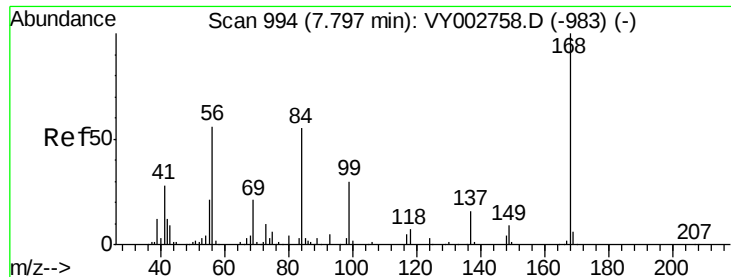
Instrument :
 MSVOA_Y
 ClientSampleId :
 239-355

Quant Time: Jun 10 05:12:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	273937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	445593	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	396996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	170975	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	127015	53.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.80%	
35) Dibromofluoromethane	7.72	113	136013	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
50) Toluene-d8	10.18	98	514913	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.49	95	159007	44.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.14%	
Target Compounds						
18) Methyl Acetate	4.49	43	487	Below Cal	#	75
20) Methylene Chloride	4.72	84	29464	10.810	ug/l	98
36) 1,1-Dichloropropene	7.79	75	16762	4.466	ug/l #	50
38) Carbon Tetrachloride	7.80	117	23853	5.720	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	75971	49.313	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	75971	92.905	ug/l #	17

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

```
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060920\  
Data File : VY002869.D  
Acq On    : 09 Jun 2020  14:33  
Operator  : SY/MD  
Sample    : L2954-01  
Misc      : 7.21G/5ML/MSVOA Y/SOIL  
ALS Vial  : 9    Sample Multiplier: 1
```



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002869.D

Acq: 09 Jun 2020 14:33

Instrument :

MSVOA_Y

ClientSampled :

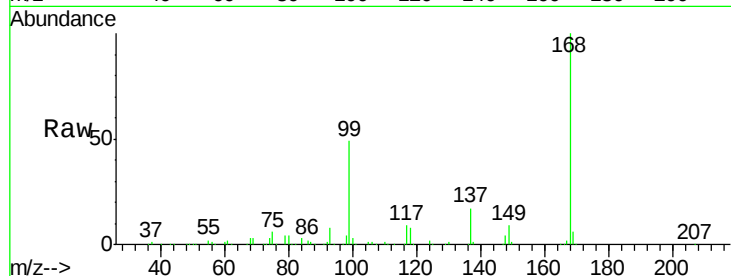
239-355

Tot Ion:168 Resp: 273937

Ion Ratio Lower Upper

168 100

99 49.5 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

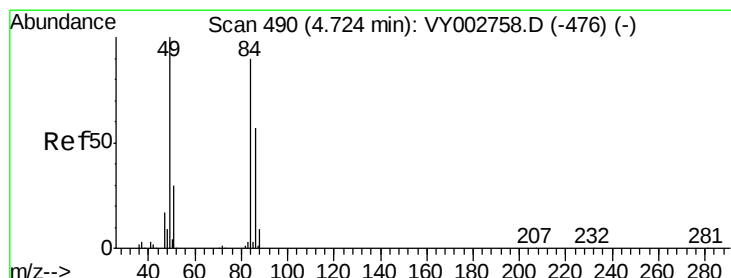
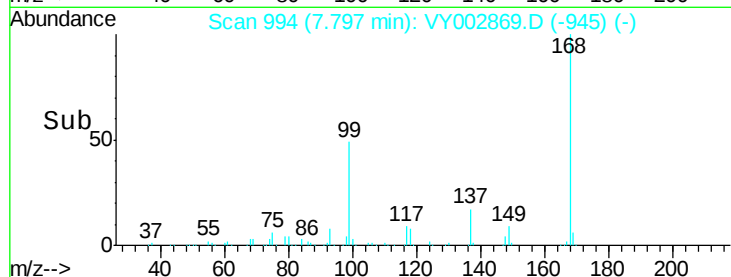
7.80

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 10.810 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY002869.D

Acq: 09 Jun 2020 14:33

Tgt Ion: 84 Resp: 29464

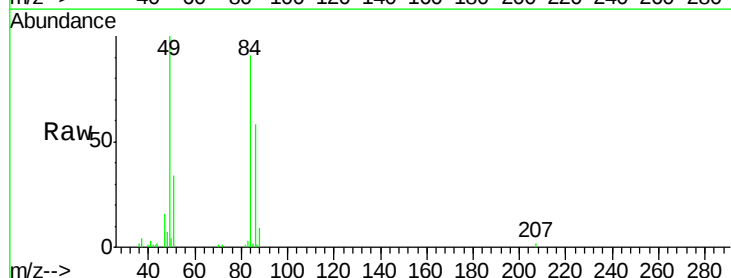
Ion Ratio Lower Upper

84 100

49 110.4 88.5 132.7

51 37.3 26.8 40.2

86 64.1 50.6 75.8



Abundance Ion 83.90 (83.60 to 84.60): VY002758.D (-476) (-)

Ion 48.90 (48.60 to 49.60): VY002758.D (-476) (-)

Ion 50.90 (50.60 to 51.60): VY002758.D (-476) (-)

Ion 85.90 (85.60 to 86.60): VY002758.D (-476) (-)

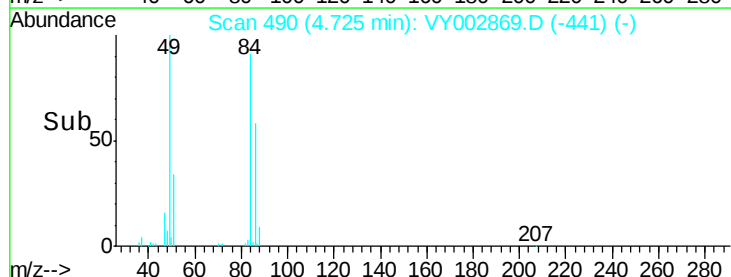
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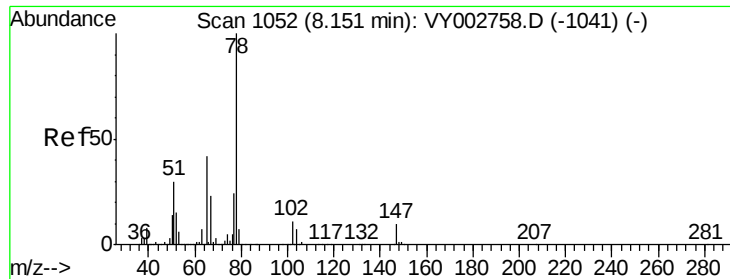
10000

5000

0

Time-->

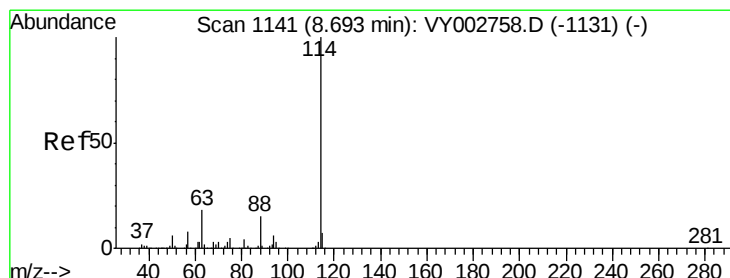
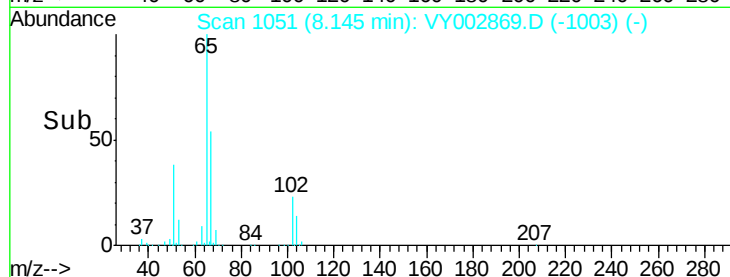
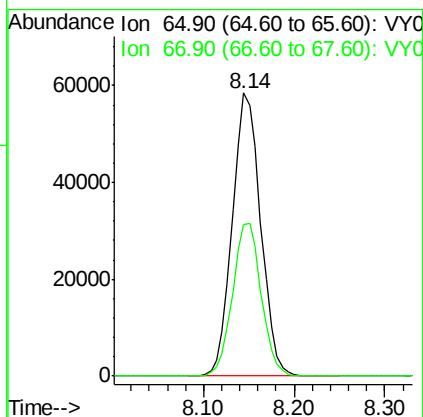
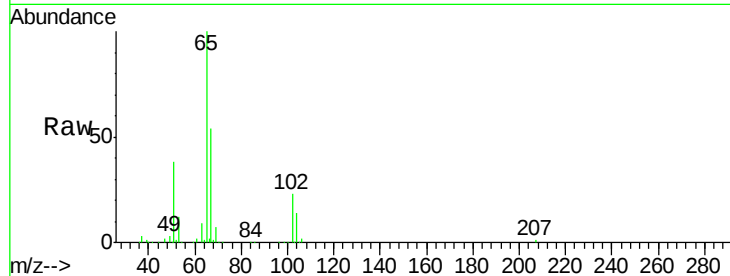




#33
 1,2-Dichloroethane-d4
 Concen: 53.400 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002869.D
 Acq: 09 Jun 2020 14:33

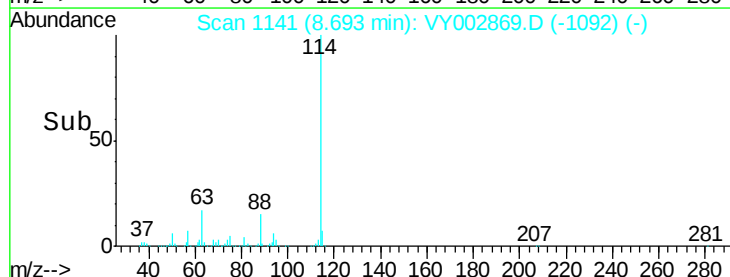
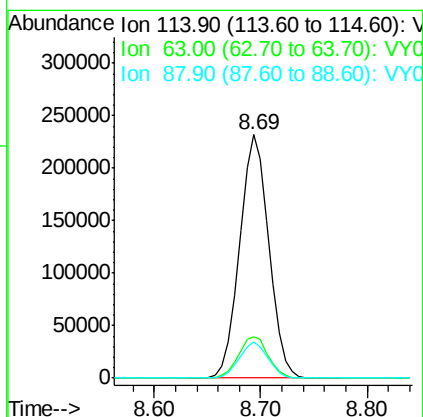
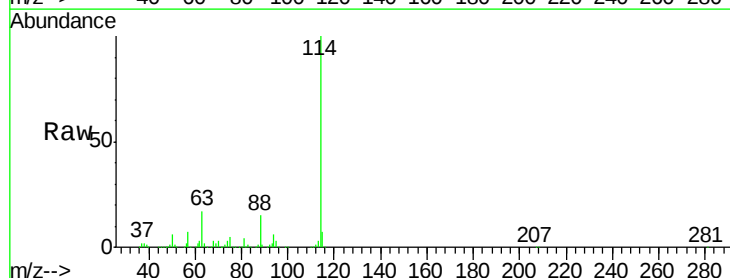
Instrument :
 MSVOA_Y
 ClientSampleId :
 239-355

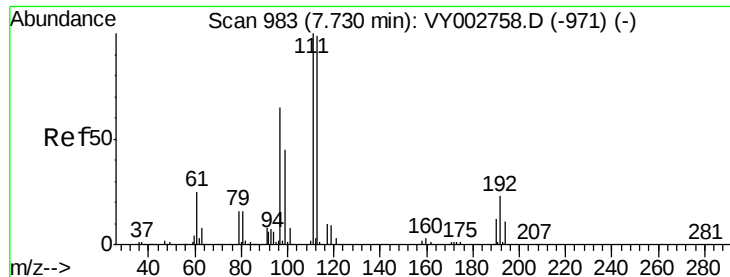
Tot Ion: 65 Resp: 127015
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002869.D
 Acq: 09 Jun 2020 14:33

Tgt Ion: 114 Resp: 445593
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.2
 88 14.7 0.0 29.2

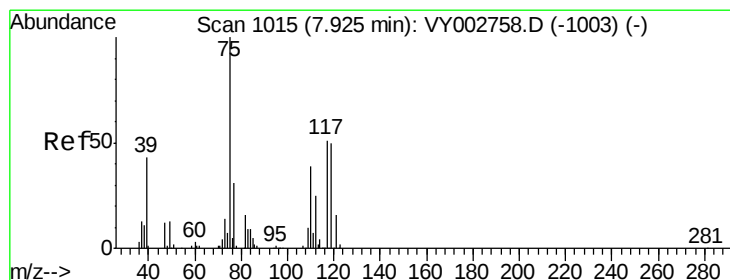
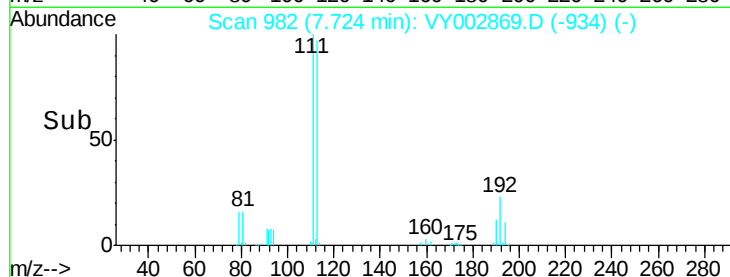
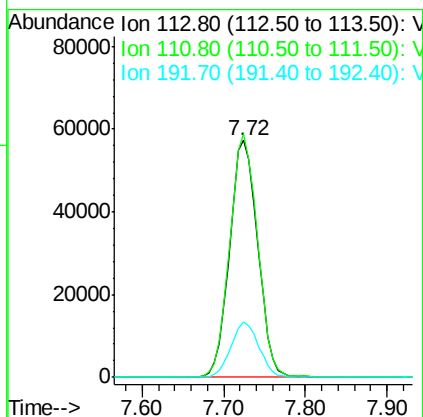
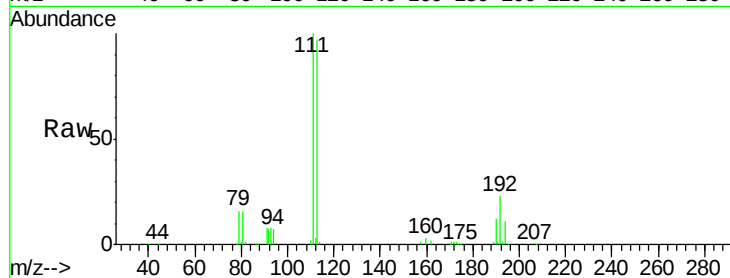




#35
Dibromofluoromethane
Concen: 52.084 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002869.D
Acq: 09 Jun 2020 14:33

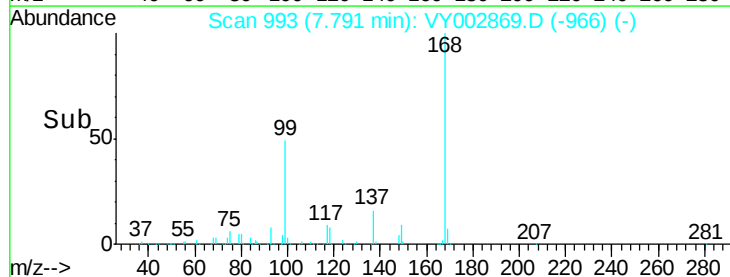
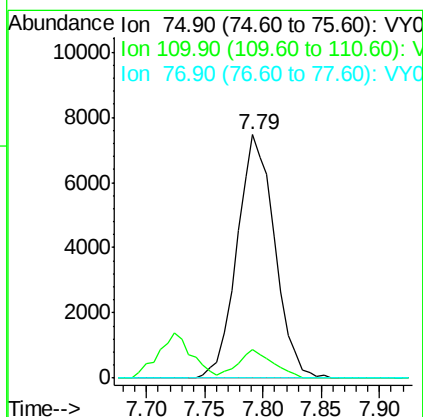
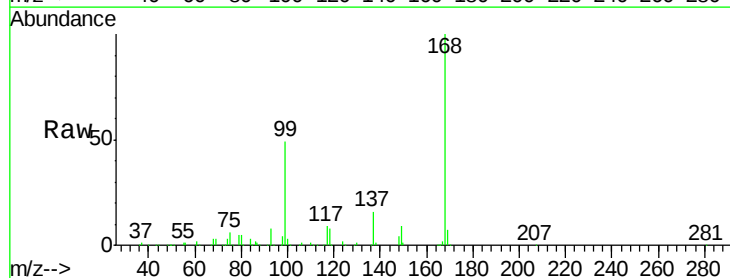
Instrument :
MSVOA_Y
ClientSampleId :
239-355

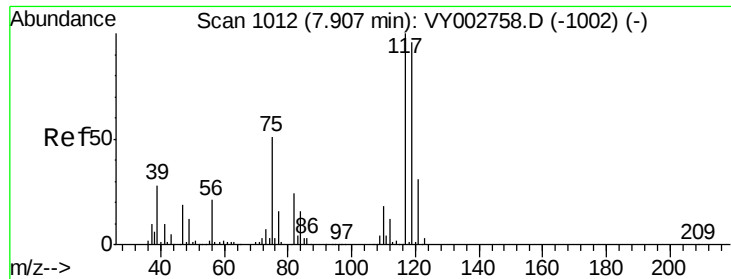
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.0	123.0
192	23.1	18.9	28.3



#36
1,1-Dichloropropene
Concen: 4.466 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.13 min
Lab File: VY002869.D
Acq: 09 Jun 2020 14:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.8	19.3	57.9#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 5.720 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002869.D

Acq: 09 Jun 2020 14:33

Instrument :

MSVOA_Y

ClientSampled :

239-355

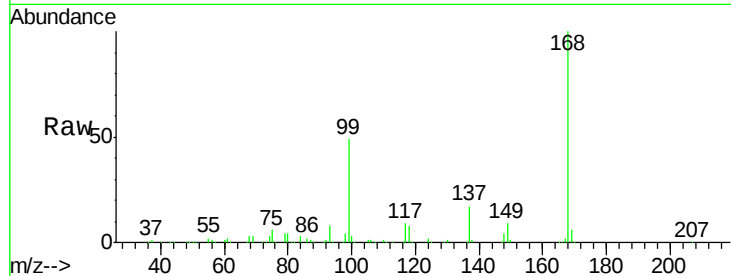
Tot Ion:117 Resp: 23853

Ion Ratio Lower Upper

117 100

119 5.0 76.8 115.2#

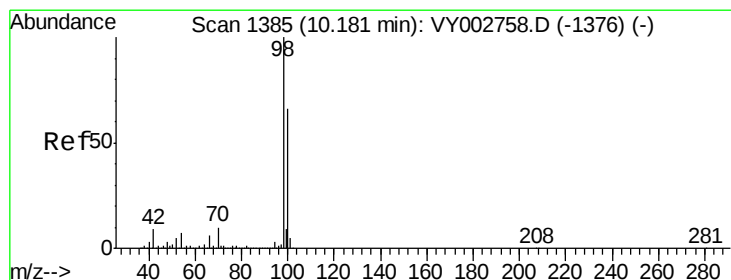
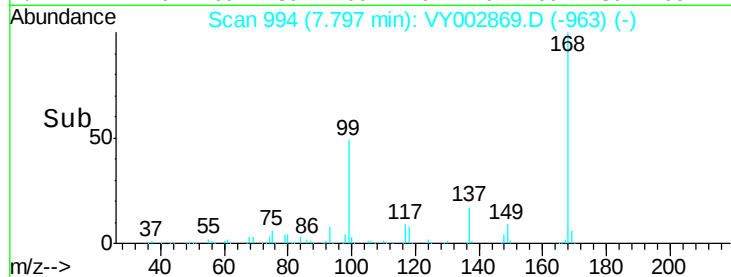
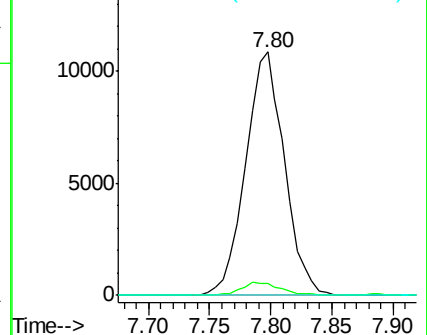
121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 48.767 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002869.D

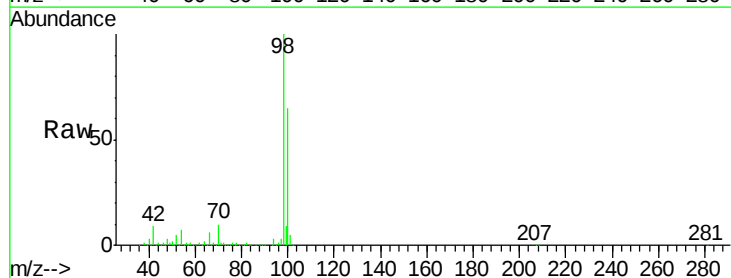
Acq: 09 Jun 2020 14:33

Tgt Ion: 98 Resp: 514913

Ion Ratio Lower Upper

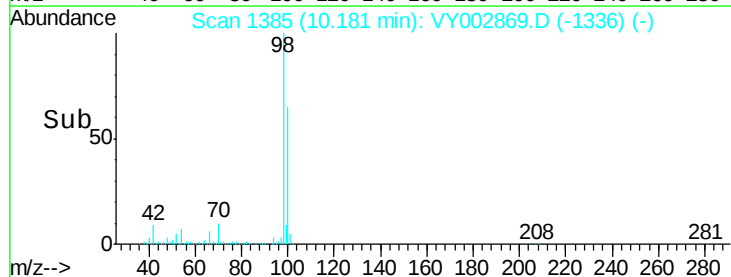
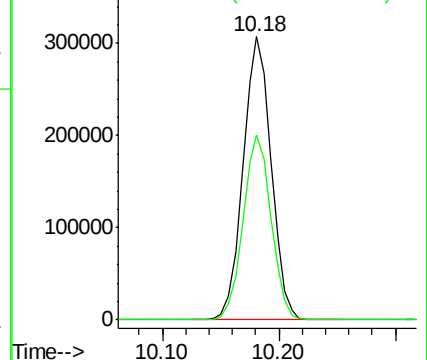
98 100

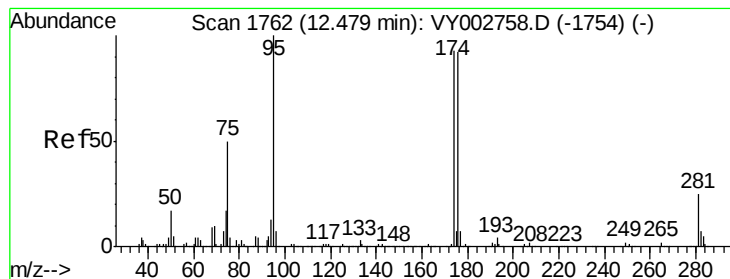
100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 44.066 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.01 min

Lab File: VY002869.D

Acq: 09 Jun 2020 14:33

Instrument :

MSVOA_Y

ClientSampleId :

239-355

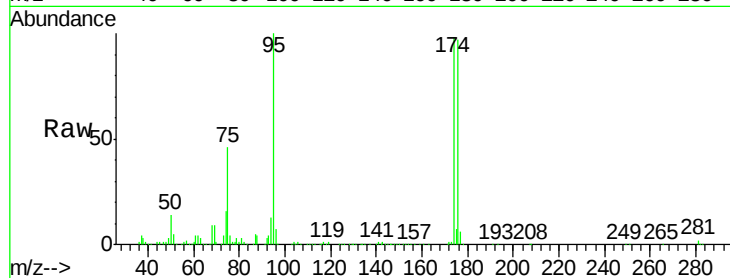
Tot Ion: 95 Resp: 159007

Ion Ratio Lower Upper

95 100

174 95.8 0.0 191.2

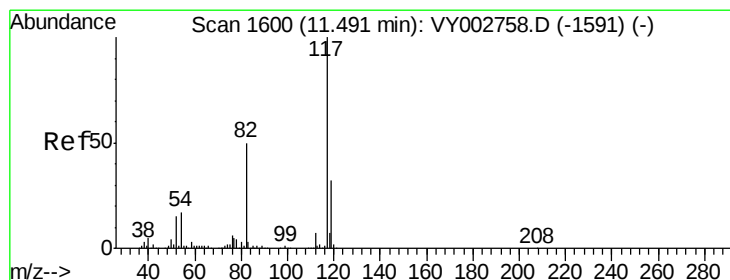
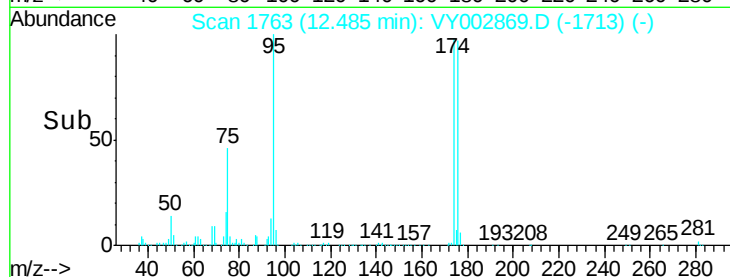
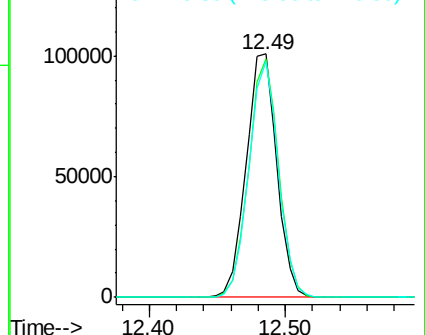
176 93.4 0.0 188.8



Abundance Ion 94.90 (94.60 to 95.60): VY002758.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY002758.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY002758.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY002869.D

Acq: 09 Jun 2020 14:33

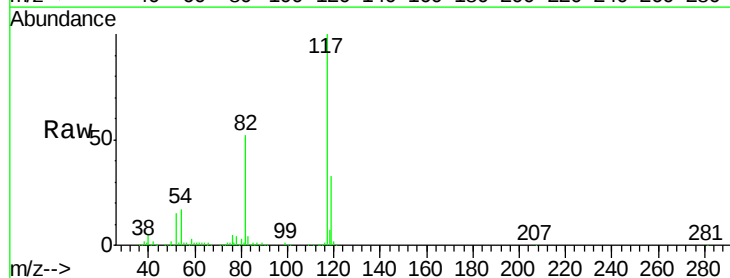
Tgt Ion: 117 Resp: 396996

Ion Ratio Lower Upper

117 100

82 51.8 40.2 60.4

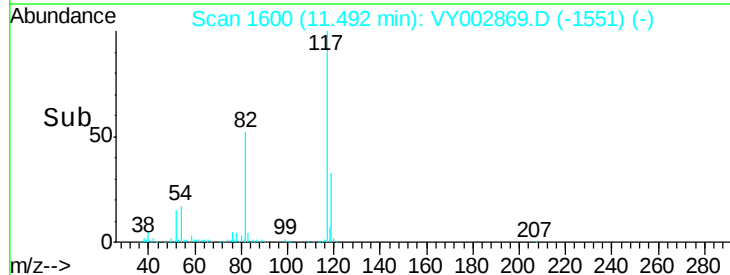
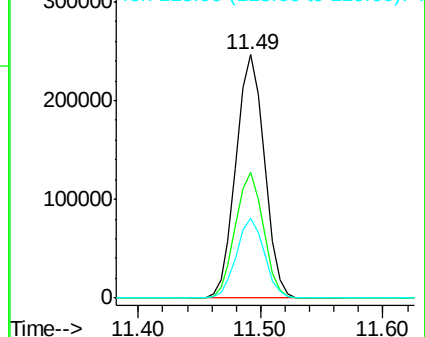
119 32.6 25.8 38.8

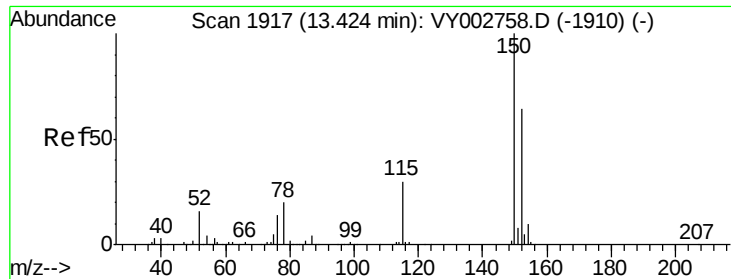


Abundance Ion 116.90 (116.60 to 117.60): VY002758.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY002758.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY002758.D (-1591) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002869.D

Acq: 09 Jun 2020 14:33

Instrument :

MSVOA_Y

ClientSampleId :

239-355

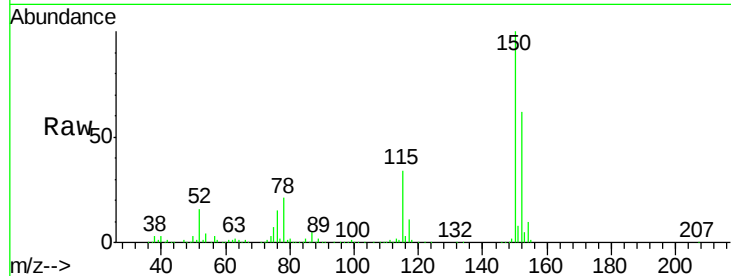
Tot Ion:152 Resp: 170975

Ion Ratio Lower Upper

152 100

115 53.9 27.0 81.0

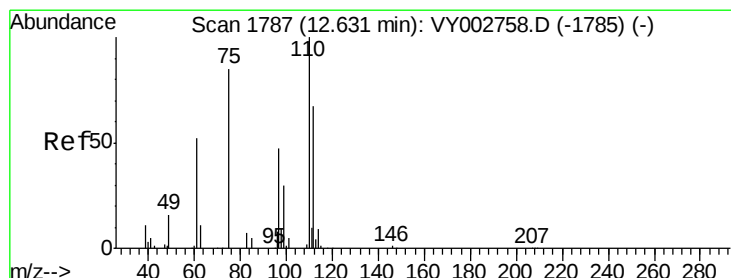
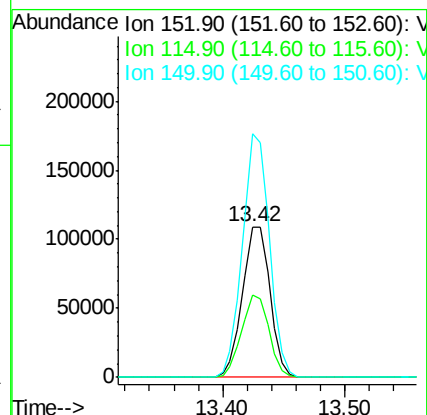
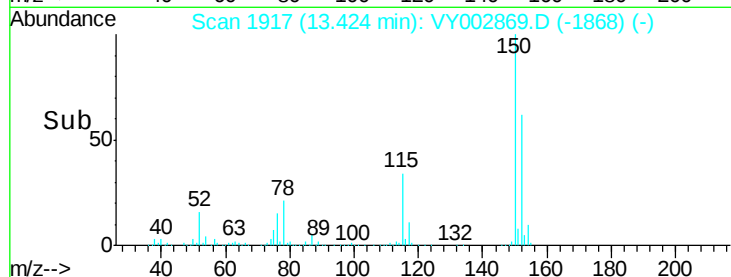
150 157.4 0.0 344.8



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



#76

1,2,3-Trichloropropane

Concen: 49.313 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002869.D

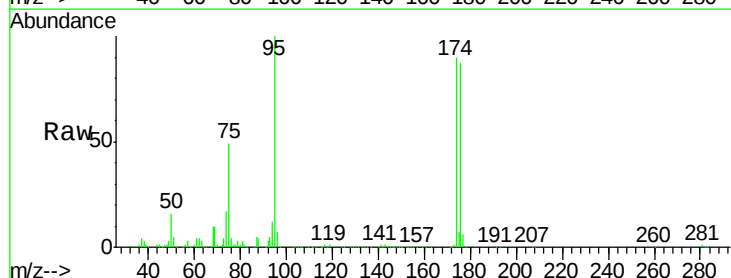
Acq: 09 Jun 2020 14:33

Tgt Ion: 75 Resp: 75971

Ion Ratio Lower Upper

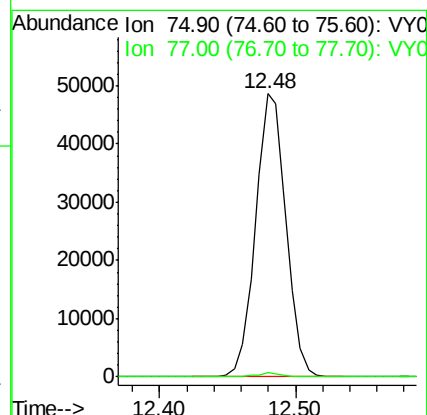
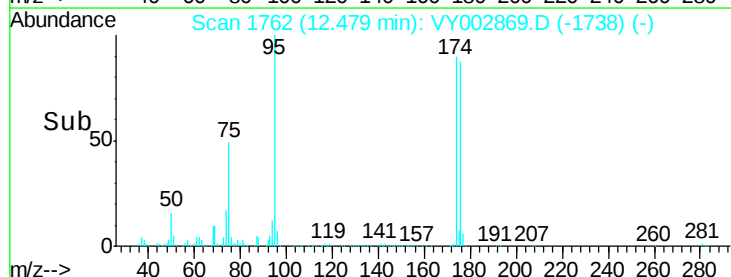
75 100

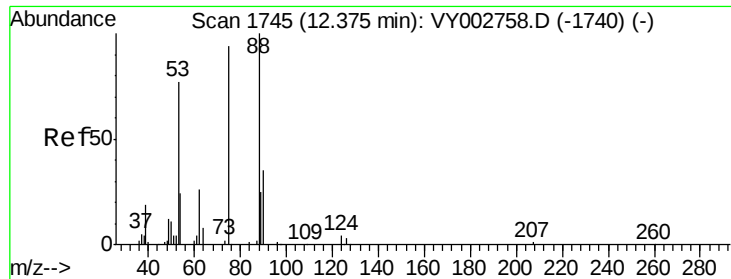
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 92.905 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002869.D

Acq: 09 Jun 2020 14:33

Instrument :

MSVOA_Y

ClientSampleId :

239-355

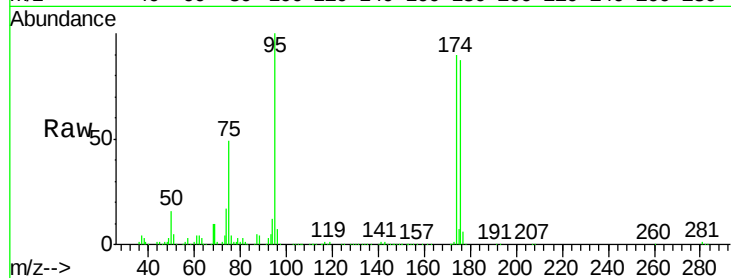
Tot Ion: 75 Resp: 75971

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.0 37.4 56.2#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

