

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
 Data File : VY001246.D
 Acq On : 16 Jan 2020 02:40
 Operator : SY/MD
 Sample : L1136-10
 Misc : 7.51G/5ML/MSVOA Y/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB458_200113_23-25

Quant Time: Jan 16 07:20:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	176127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	320919	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	282441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	104920	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	105799	56.87	ug/l	0.00
Spiked Amount			Recovery	=	113.74%	
35) Dibromofluoromethane	7.73	113	93991	50.02	ug/l	0.00
Spiked Amount			Recovery	=	100.04%	
50) Toluene-d8	10.18	98	379139	52.37	ug/l	0.00
Spiked Amount			Recovery	=	104.74%	
62) 4-Bromofluorobenzene	12.48	95	130184	43.98	ug/l	0.00
Spiked Amount			Recovery	=	87.96%	

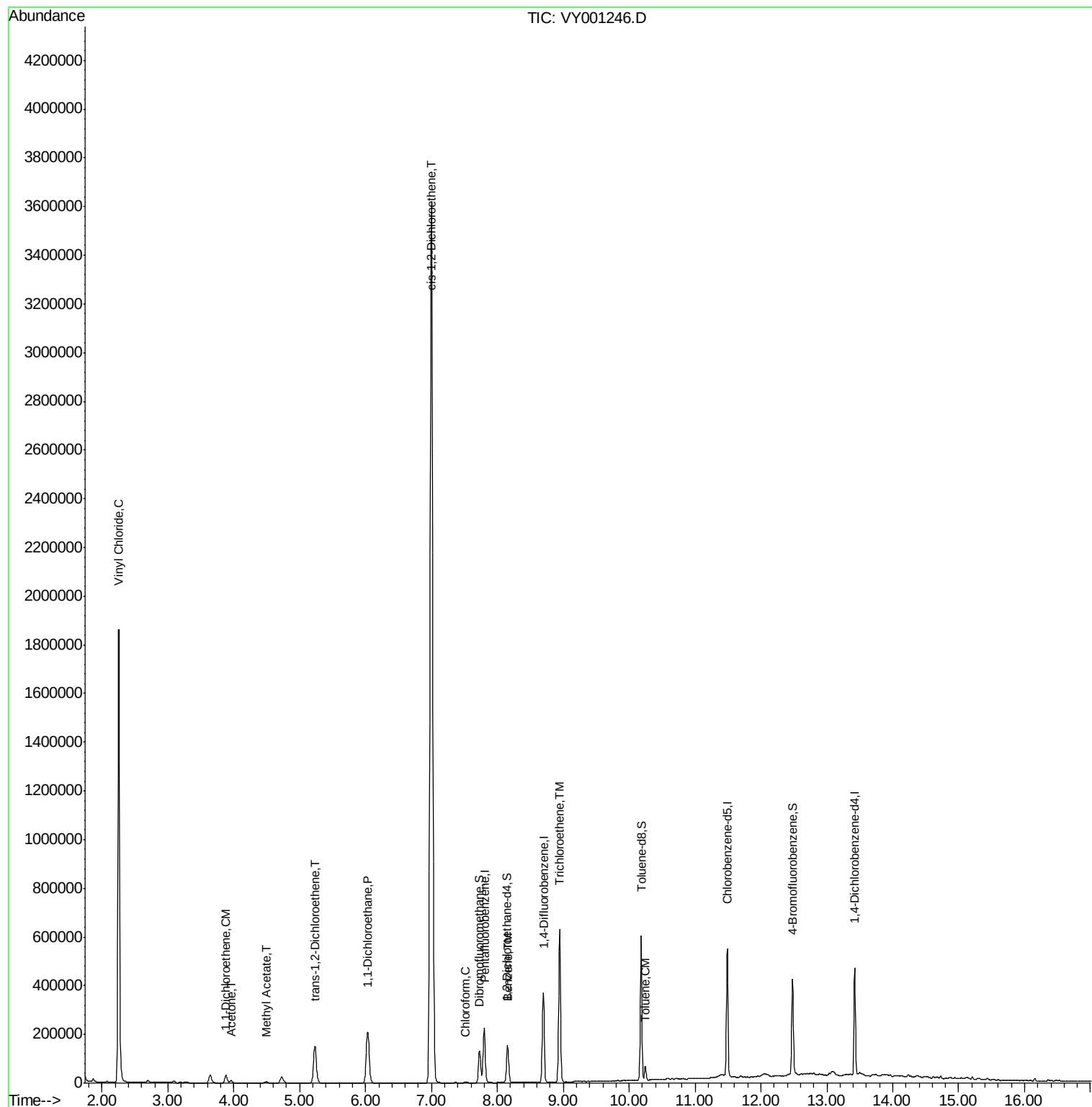
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.26	62	1845602	939.608	ug/l	100
12) 1,1-Dichloroethene	3.88	96	18098	10.051	ug/l	94
16) Acetone	3.96	43	16243	37.598	ug/l	99
18) Methyl Acetate	4.49	43	11260	7.883	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	104013	50.947	ug/l	99
24) 1,1-Dichloroethane	6.03	63	323172	95.108	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	2326974	1040.183	ug/l	92
30) Chloroform	7.52	83	3910	1.174	ug/l	89
40) Benzene	8.16	78	26842	3.144	ug/l	96
44) Trichloroethene	8.94	130	220561	99.137	ug/l	98
52) Toluene	10.25	92	23450	4.306	ug/l	98

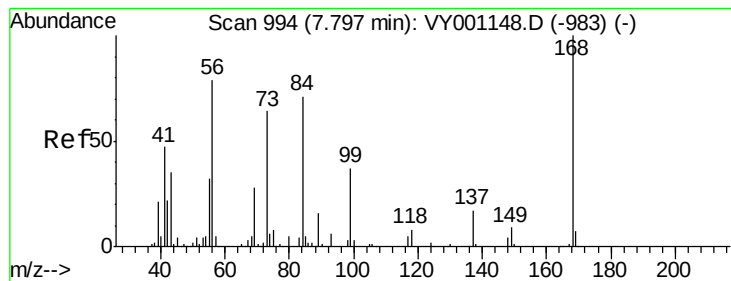
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
Data File : VY001246.D
Acq On : 16 Jan 2020 02:40
Operator : SY/MD
Sample : L1136-10
Misc : 7.51G/5ML/MSVOA Y/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB458_200113_23-25

Quant Time: Jan 16 07:20:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001246.D

Acq: 16 Jan 2020 02:40

Instrument :

MSVOA_Y

ClientSampleId :

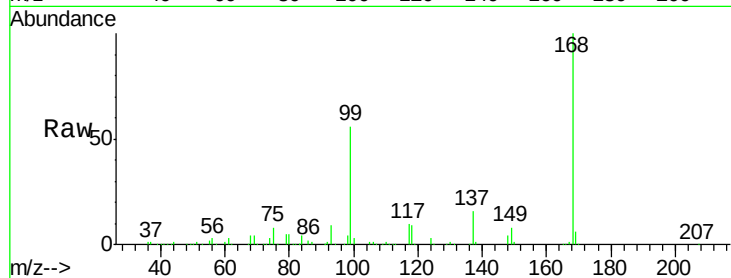
WP022SB458_200113_23-25

Tot Ion:168 Resp: 176127

Ion Ratio Lower Upper

168 100

99 56.3 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.80

80000

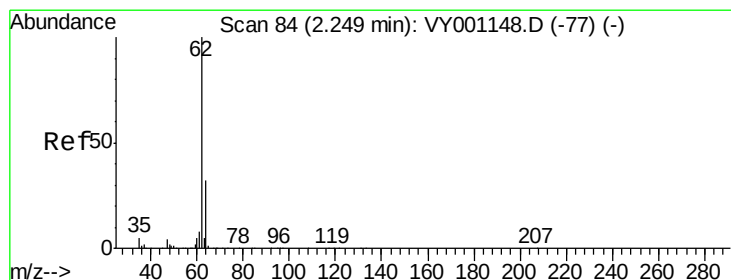
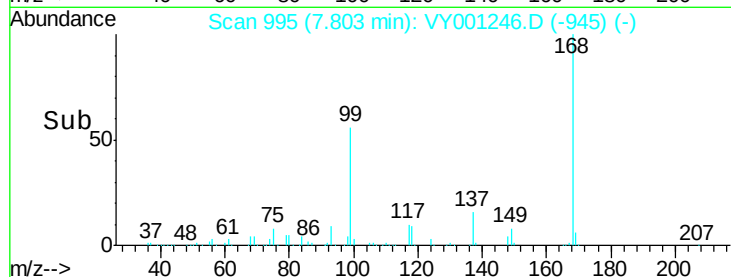
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 939.608 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001246.D

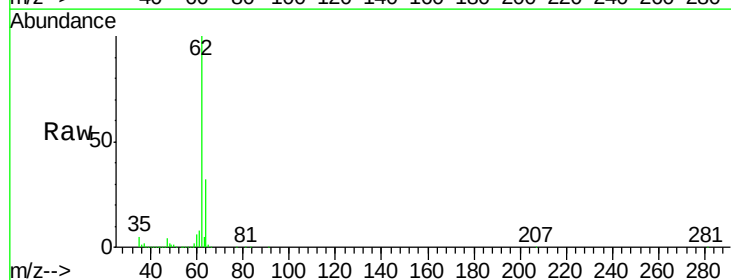
Acq: 16 Jan 2020 02:40

Tgt Ion: 62 Resp: 1845602

Ion Ratio Lower Upper

62 100

64 32.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VY001148.D (-77) (-)

Ion 63.90 (63.60 to 64.60): VY001148.D (-77) (-)

2.26

1200000

1000000

800000

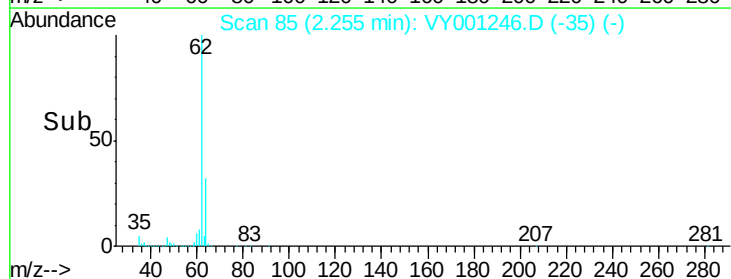
600000

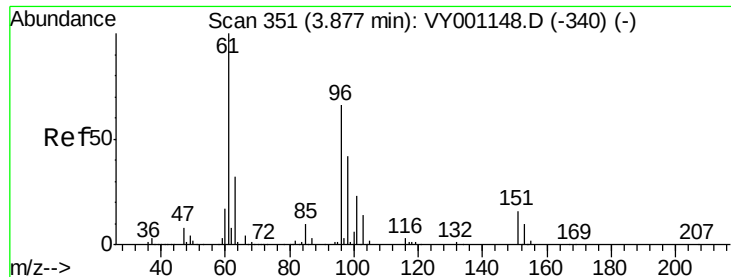
400000

200000

0

Time-->

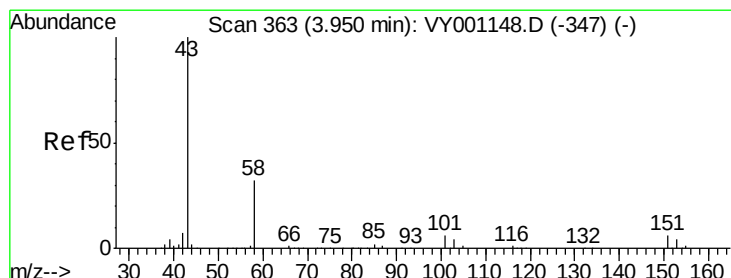
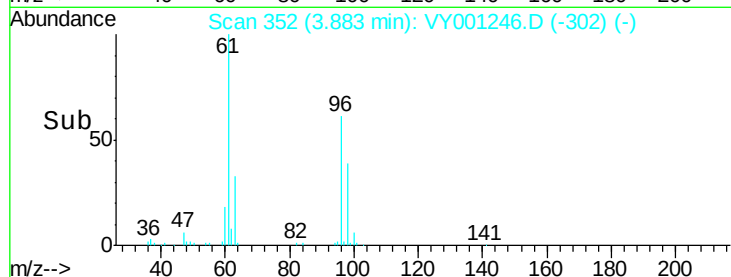
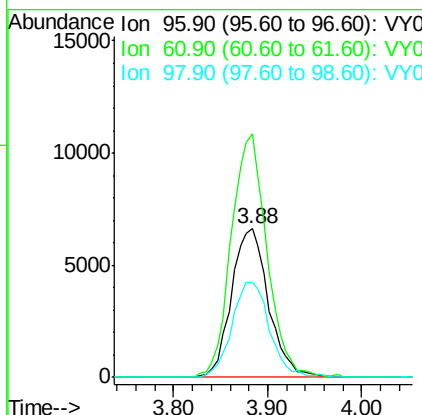
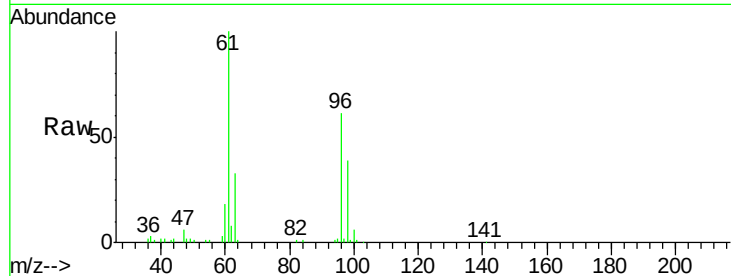




#12
 1,1-Dichloroethene
 Concen: 10.051 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VY001246.D
 Acq: 16 Jan 2020 02:40

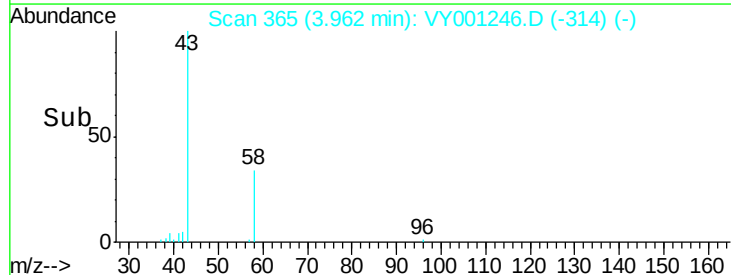
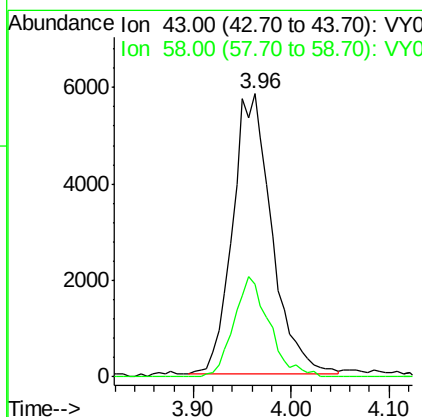
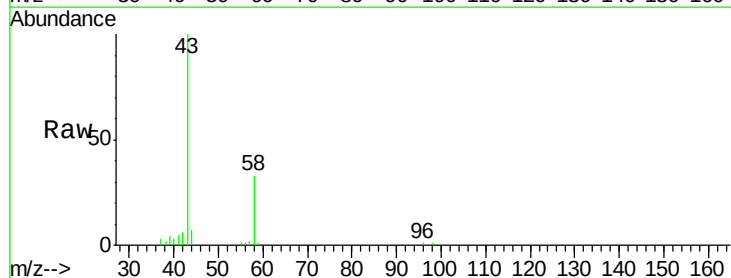
Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB458_200113_23-25

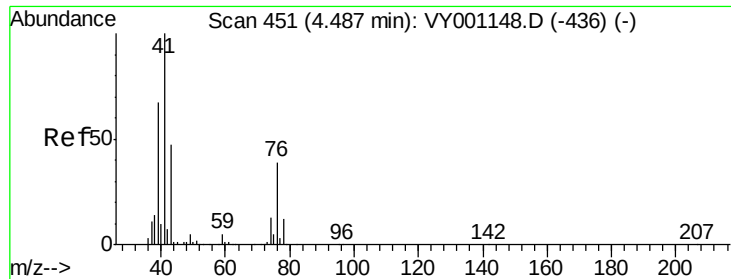
Tot Ion	96	Resp	18098
Ion	Ratio	Lower	Upper
96	100		
61	164.0	122.1	183.1
98	63.9	51.0	76.6



#16
 Acetone
 Concen: 37.598 ug/l
 RT: 3.96 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VY001246.D
 Acq: 16 Jan 2020 02:40

Tgt Ion	43	Resp	16243
Ion	Ratio	Lower	Upper
43	100		
58	33.0	25.8	38.6

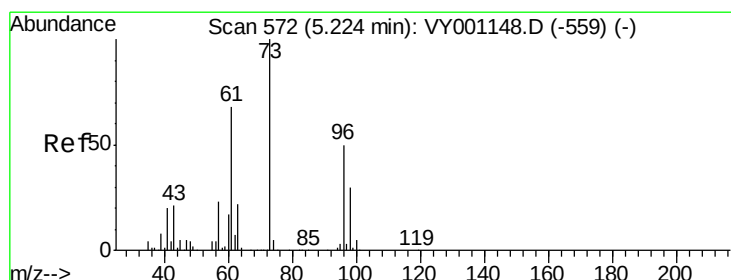
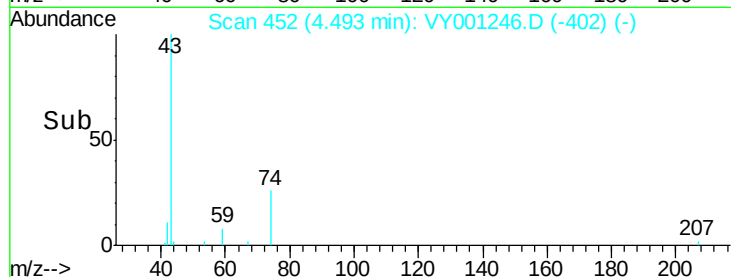
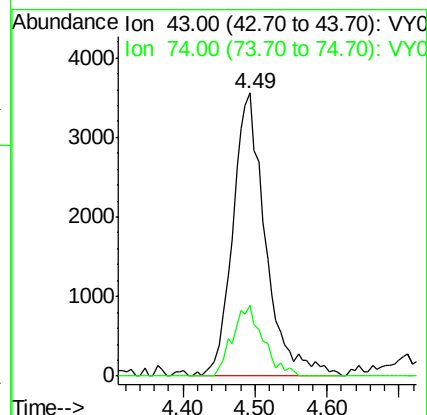
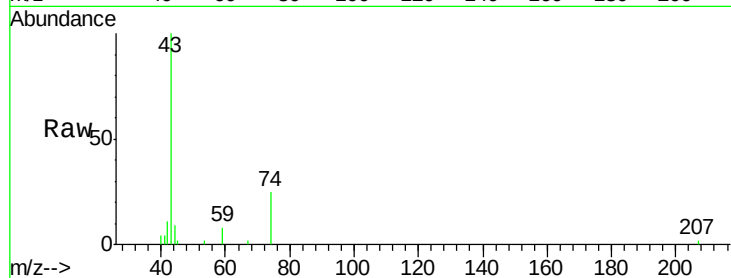




#18
Methyl Acetate
Concen: 7.883 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY001246.D
Acq: 16 Jan 2020 02:40

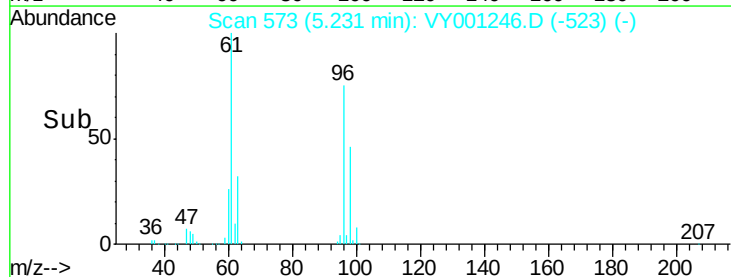
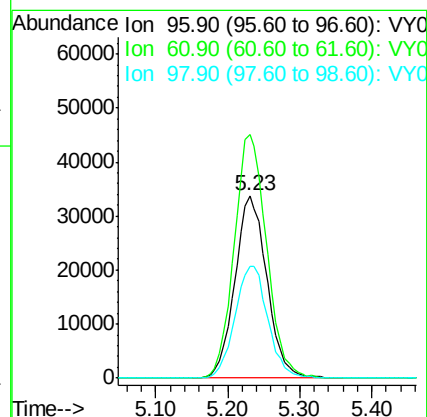
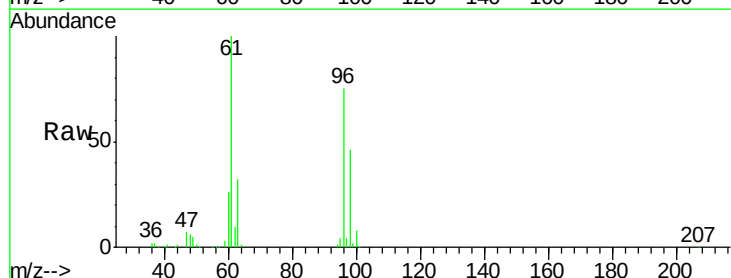
Instrument :
MSVOA_Y
ClientSampleId :
WP022SB458_200113_23-25

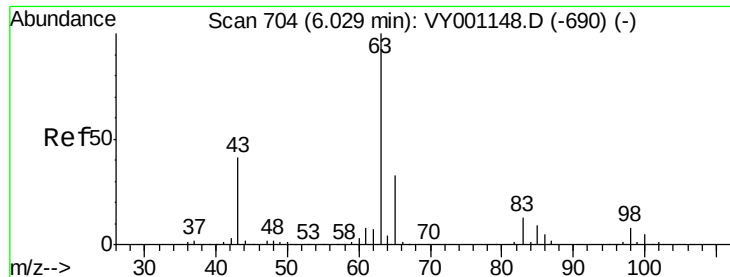
Tot Ion: 43 Resp: 11260
Ion Ratio Lower Upper
43 100
74 23.3 20.2 30.2



#21
trans-1,2-Dichloroethene
Concen: 50.947 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY001246.D
Acq: 16 Jan 2020 02:40

Tgt Ion: 96 Resp: 104013
Ion Ratio Lower Upper
96 100
61 133.5 107.6 161.4
98 61.1 47.6 71.4





#24

1,1-Dichloroethane

Concen: 95.108 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY001246.D

Acq: 16 Jan 2020 02:40

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB458_200113_23-25

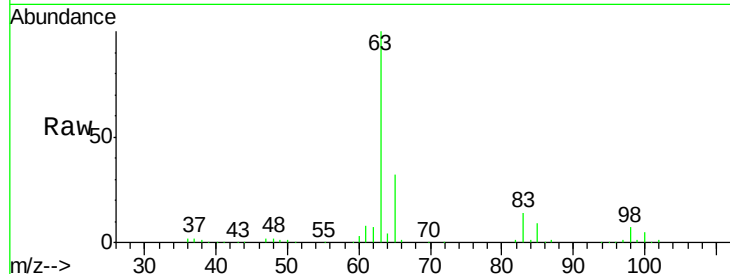
Tot Ion: 63 Resp: 323172

Ion Ratio Lower Upper

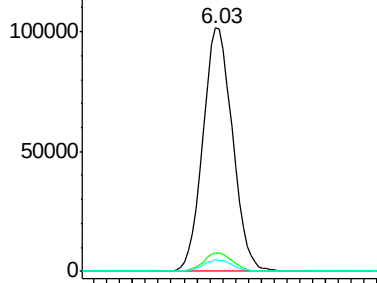
63 100

98 7.3 3.9 11.7

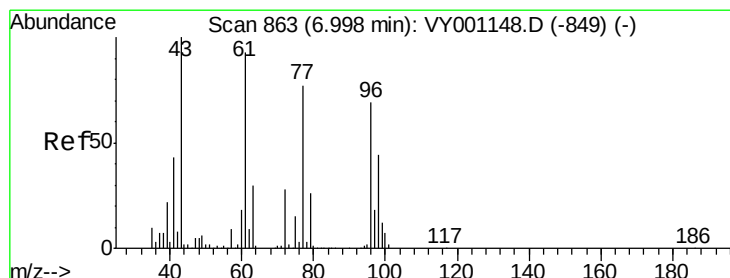
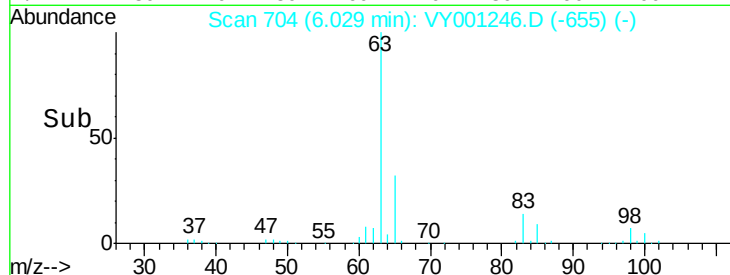
100 4.8 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0



Time-->



#27

cis-1,2-Dichloroethene

Concen: 1040.183 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001246.D

Acq: 16 Jan 2020 02:40

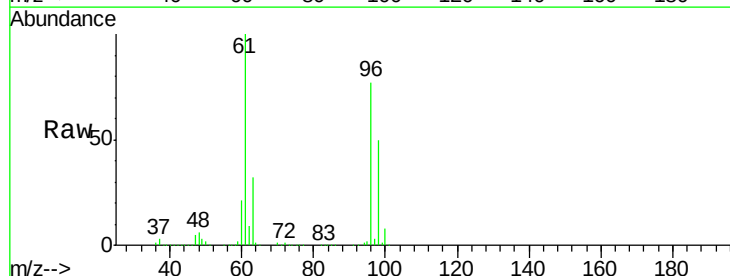
Tgt Ion: 96 Resp: 2326974

Ion Ratio Lower Upper

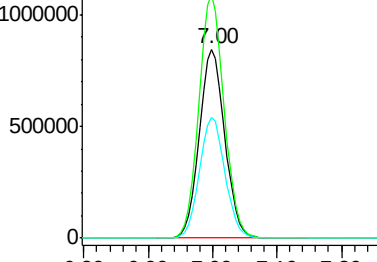
96 100

61 127.5 0.0 284.0

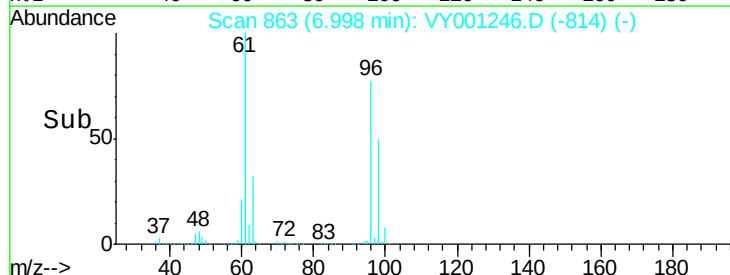
98 64.2 0.0 130.2

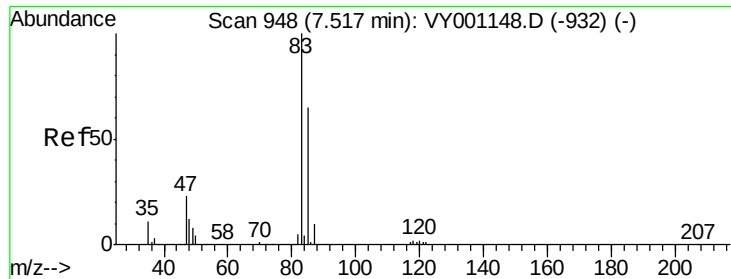


Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



Time-->

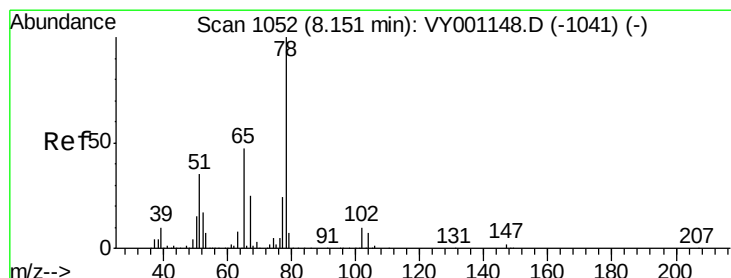
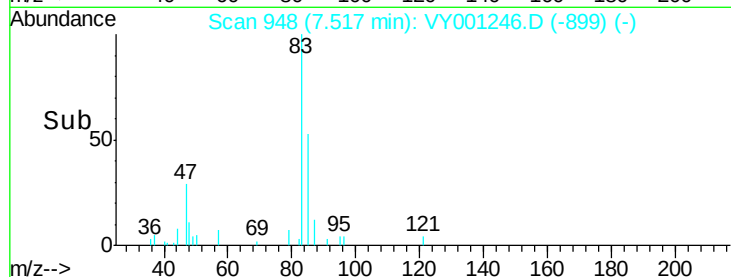
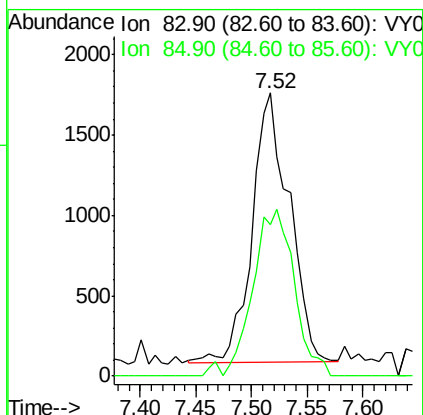
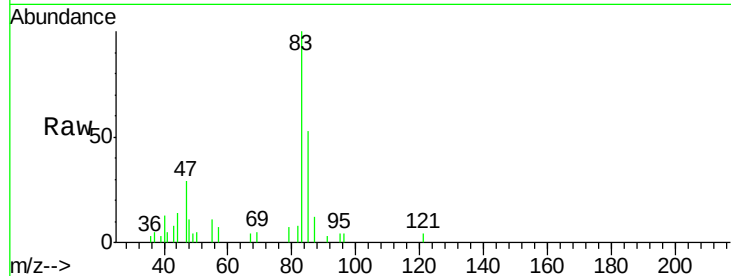




#30
Chloroform
Concen: 1.174 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY001246.D
Acq: 16 Jan 2020 02:40

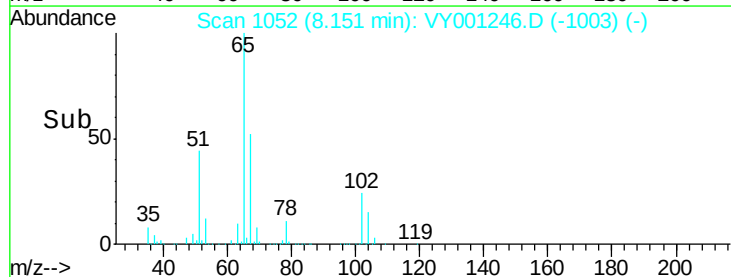
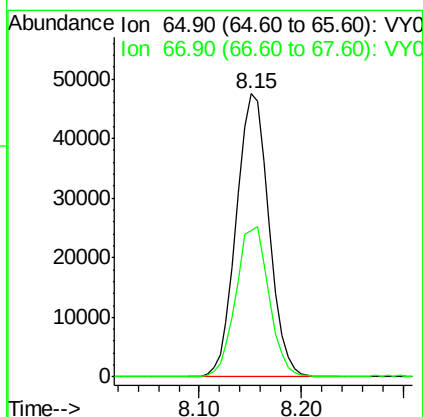
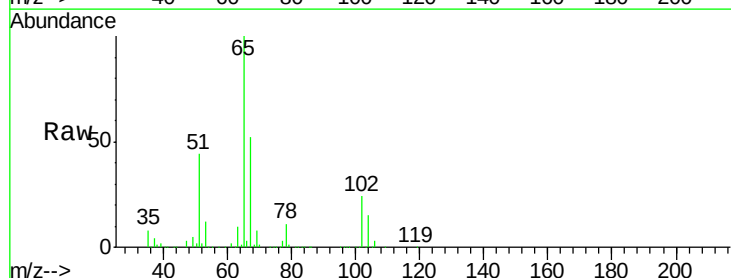
Instrument :
MSVOA_Y
ClientSampleId :
WP022SB458_200113_23-25

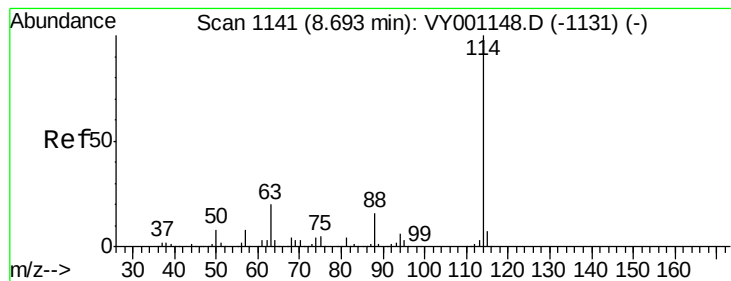
Tot Ion: 83 Resp: 3910
Ion Ratio Lower Upper
83 100
85 56.6 51.9 77.9



#33
1,2-Dichloroethane-d4
Concen: 56.875 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY001246.D
Acq: 16 Jan 2020 02:40

Tgt Ion: 65 Resp: 105799
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001246.D

Acq: 16 Jan 2020 02:40

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB458_200113_23-25

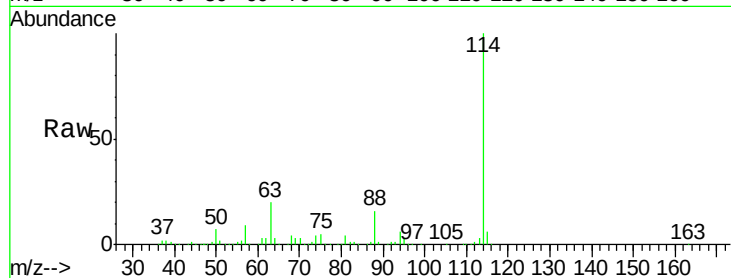
Tot Ion:114 Resp: 320919

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

88 16.4 0.0 32.4



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

200000

150000

100000

50000

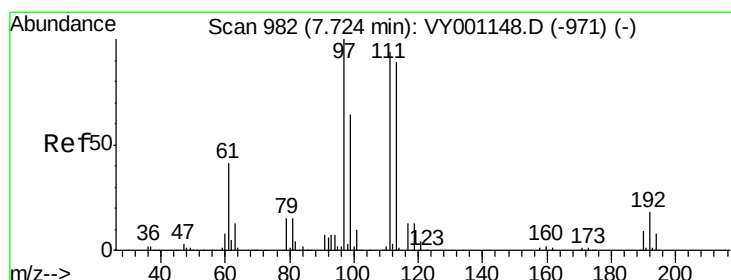
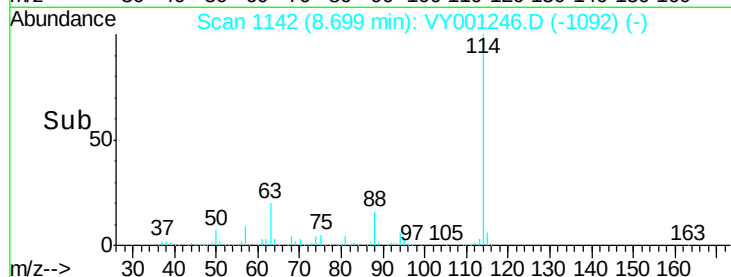
0

8.60

8.70

8.80

Time-->



#35

Dibromofluoromethane

Concen: 50.022 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001246.D

Acq: 16 Jan 2020 02:40

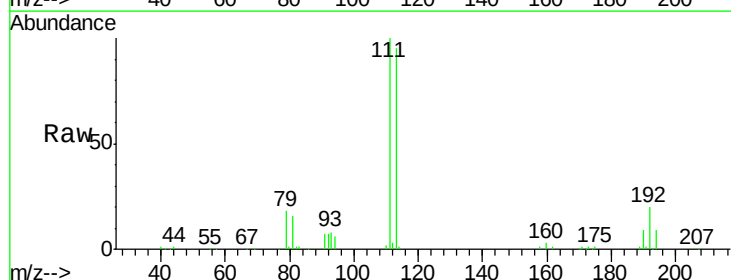
Tgt Ion:113 Resp: 93991

Ion Ratio Lower Upper

113 100

111 105.4 82.9 124.3

192 19.6 15.4 23.2



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

50000

40000

30000

20000

10000

0

7.60

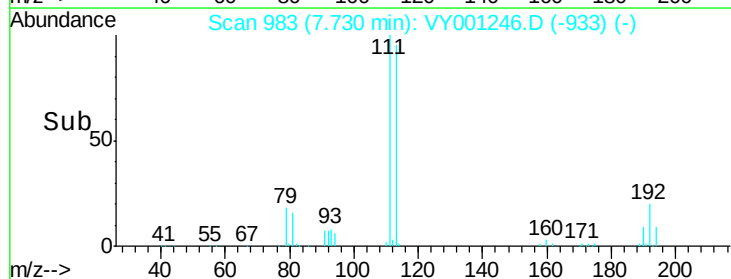
7.65

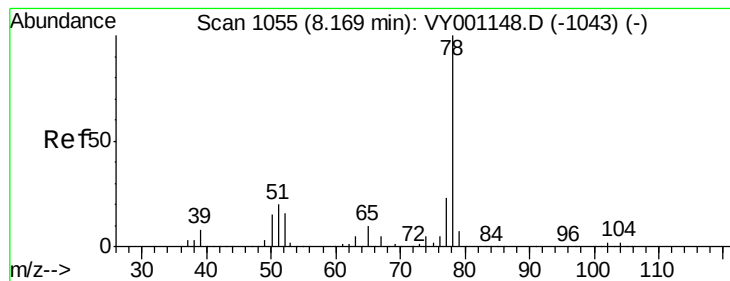
7.70

7.75

7.80

Time-->





#40

Benzene

Concen: 3.144 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001246.D

Acq: 16 Jan 2020 02:40

Instrument :

MSVOA_Y

ClientSampleId :

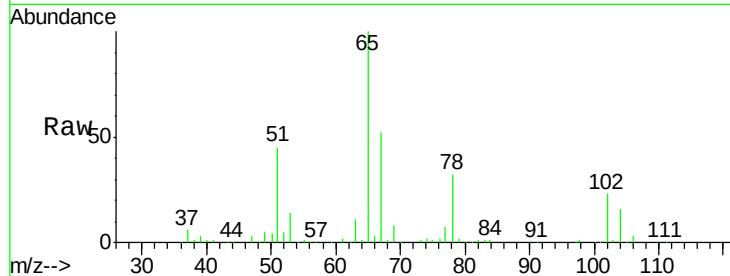
WP022SB458_200113_23-25

Tot Ion: 78 Resp: 26842

Ion Ratio Lower Upper

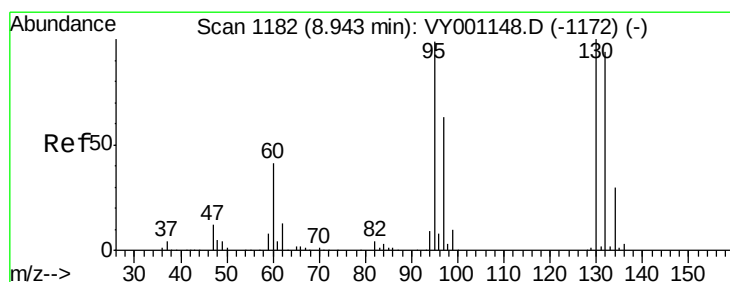
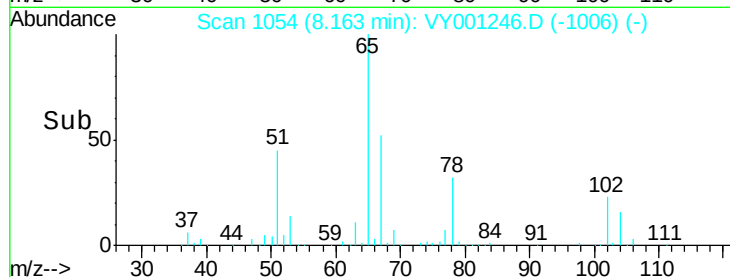
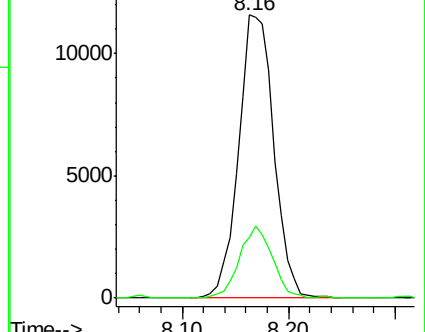
78 100

77 21.3 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VY001148.D (-1043) (-)

Ion 77.00 (76.70 to 77.70): VY001148.D (-1043) (-)



#44

Trichloroethene

Concen: 99.137 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY001246.D

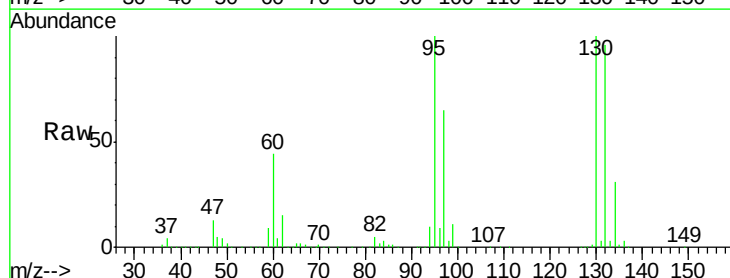
Acq: 16 Jan 2020 02:40

Tgt Ion:130 Resp: 220561

Ion Ratio Lower Upper

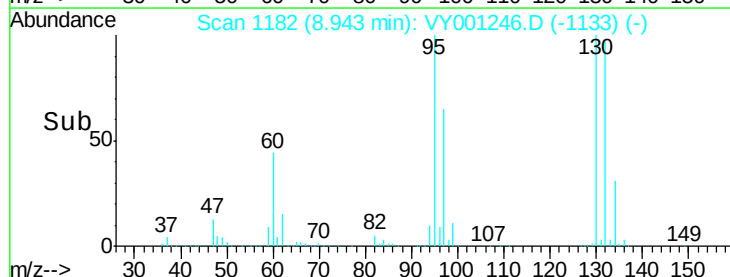
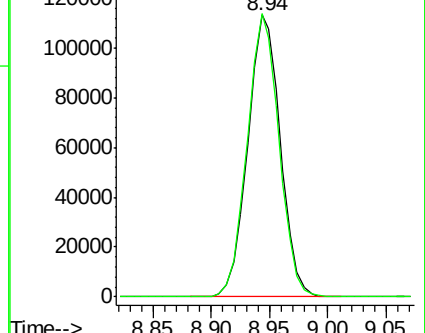
130 100

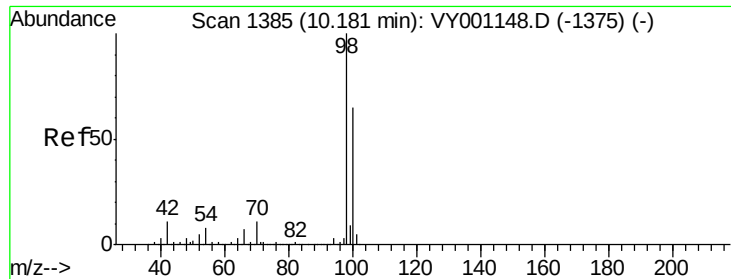
95 100.4 0.0 197.6



Abundance Ion 129.80 (129.50 to 130.50): VY001148.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY001148.D (-1172) (-)

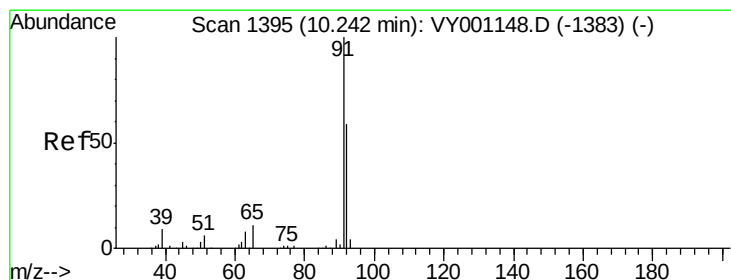
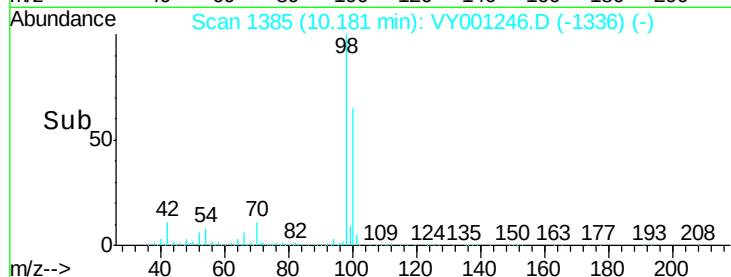
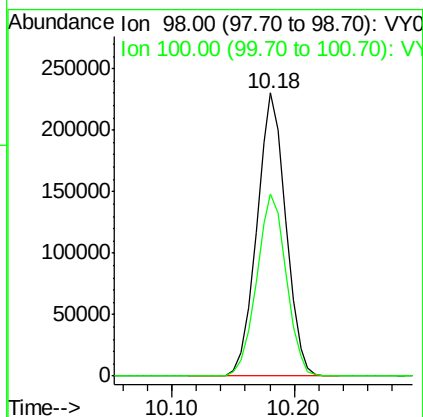
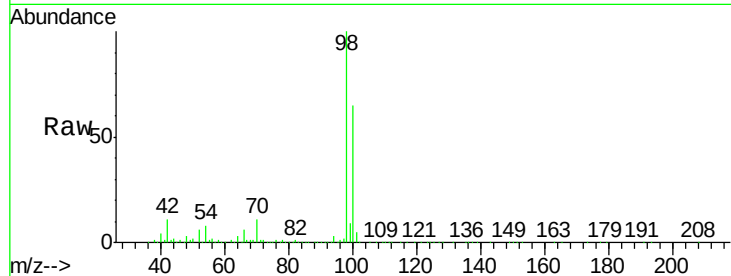




#50
Toluene-d8
Concen: 52.367 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001246.D
Acq: 16 Jan 2020 02:40

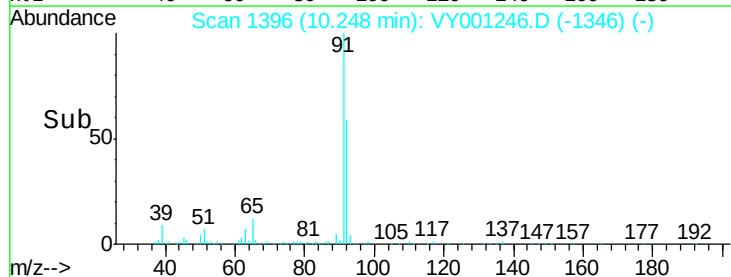
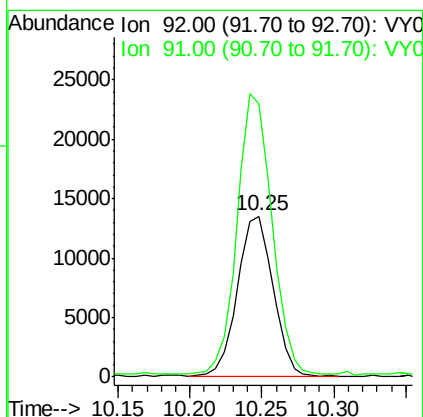
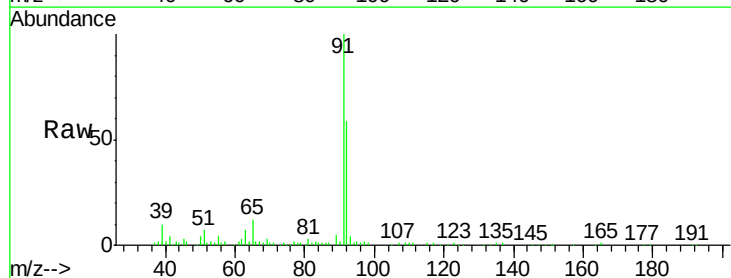
Instrument :
MSVOA_Y
ClientSampleId :
WP022SB458_200113_23-25

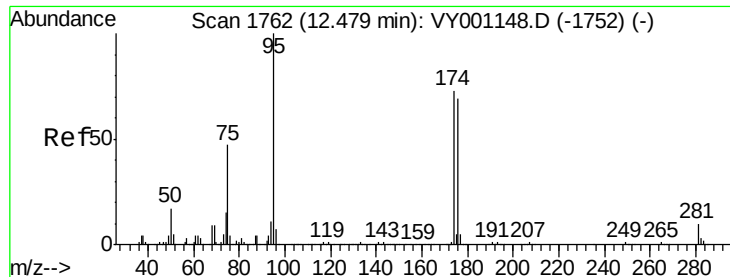
Tot Ion: 98 Resp: 379139
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7



#52
Toluene
Concen: 4.306 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.01 min
Lab File: VY001246.D
Acq: 16 Jan 2020 02:40

Tgt Ion: 92 Resp: 23450
Ion Ratio Lower Upper
92 100
91 168.5 136.6 204.8





#62

4-Bromofluorobenzene

Concen: 43.982 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001246.D

Acq: 16 Jan 2020 02:40

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB458_200113_23-25

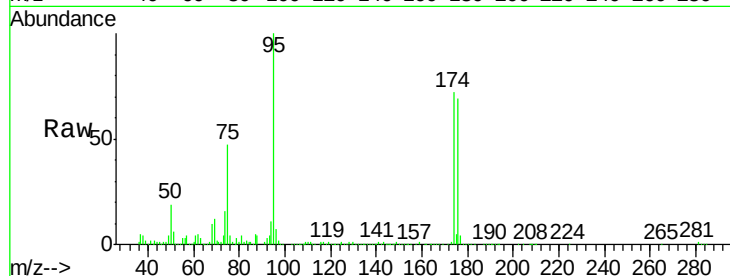
Tot Ion: 95 Resp: 130184

Ion Ratio Lower Upper

95 100

174 73.2 0.0 143.2

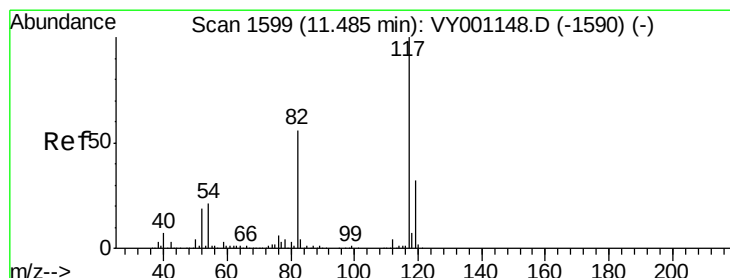
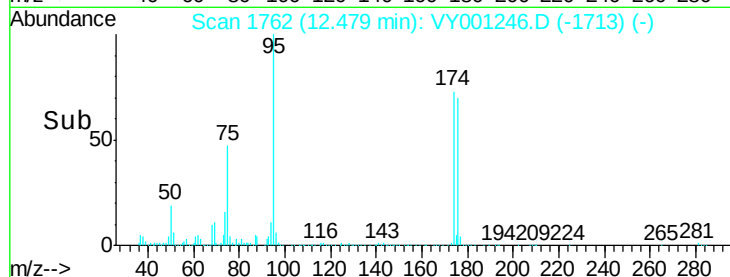
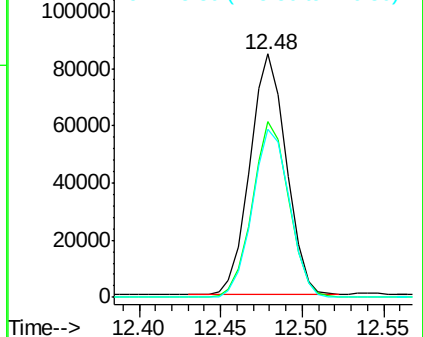
176 71.2 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY001148.D (-1752) (-)

Ion 173.80 (173.50 to 174.50): VY001148.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY001148.D (-1752) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VY001246.D

Acq: 16 Jan 2020 02:40

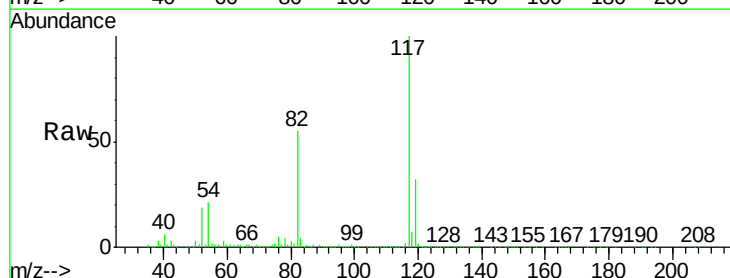
Tgt Ion: 117 Resp: 282441

Ion Ratio Lower Upper

117 100

82 54.7 44.9 67.3

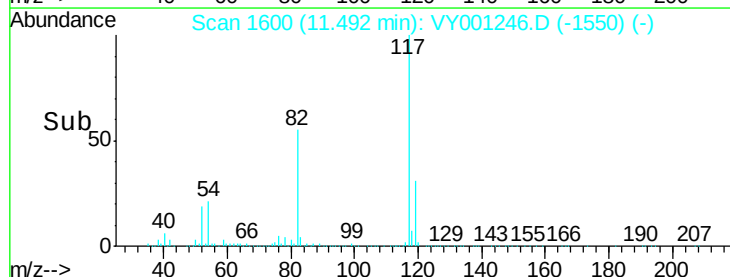
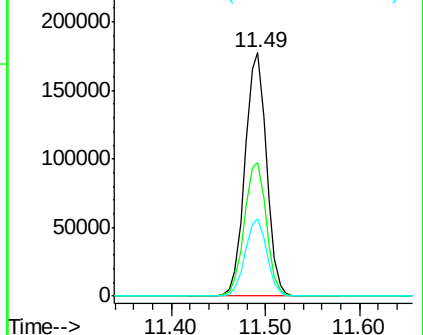
119 31.3 25.7 38.5

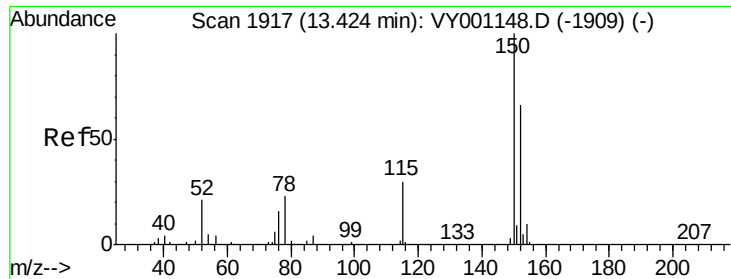


Abundance Ion 116.90 (116.60 to 117.60): VY001148.D (-1590) (-)

Ion 82.00 (81.70 to 82.70): VY001148.D (-1590) (-)

Ion 118.90 (118.60 to 119.60): VY001148.D (-1590) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY001246.D

Acq: 16 Jan 2020 02:40

Instrument :

MSVOA_Y

ClientSampleId :

WP022SB458_200113_23-25

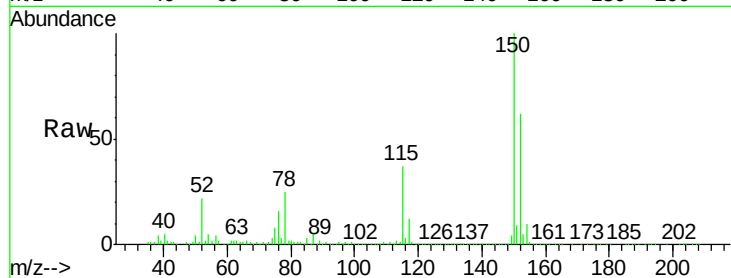
Tot Ion:152 Resp: 104920

Ion Ratio Lower Upper

152 100

115 61.7 30.9 92.5

150 157.6 0.0 346.8



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

