

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032720\
 Data File : VY002106.D
 Acq On : 27 Mar 2020 15:31
 Operator : SY/MD
 Sample : L2049-03
 Misc : 5.11G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

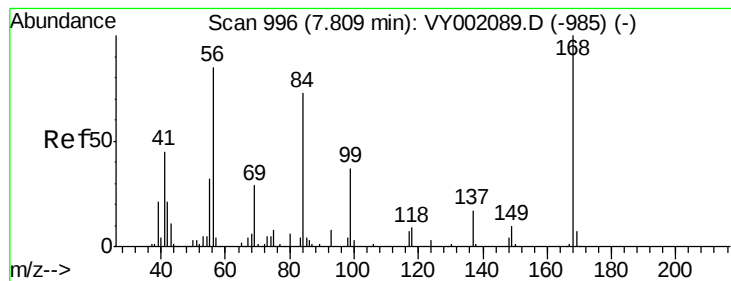
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-(1-3)

Quant Time: Mar 30 03:25:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	113259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	219380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	162344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	45854	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	74649	59.62	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	119.24%	
35) Dibromofluoromethane	7.73	113	67234	54.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.40%	
50) Toluene-d8	10.18	98	248049	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
62) 4-Bromofluorobenzene	12.48	95	61667	34.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.06%	
Target Compounds						
16) Acetone	3.96	43	8611	24.480	ug/l	97
20) Methylene Chloride	4.73	84	6803	Below Cal		90
25) 2-Butanone	7.02	43	2138	3.958	ug/l	95
31) Cyclohexane	7.79	56	2830	1.085	ug/l #	4
36) 1,1-Dichloropropene	7.80	75	9944	4.792	ug/l #	49
37) Ethyl Acetate	7.02	43	2138	1.705	ug/l #	68
38) Carbon Tetrachloride	7.80	117	11796	6.700	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	31482	61.378	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	31482	118.911	ug/l #	17

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

```
Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_Y\DATA\VY032720\
Data File : VY002106.D
Acq On    : 27 Mar 2020   15:31
Operator  : SY/MD
Sample    : L2049-03
Misc      : 5.11G/5ML/MSV0A_Y/SOIL
ALS Vial  : 14   Sample Multiplier: 1
```



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002106.D

Acq: 27 Mar 2020 15:31

Instrument :

MSVOA_Y

ClientSampleId :

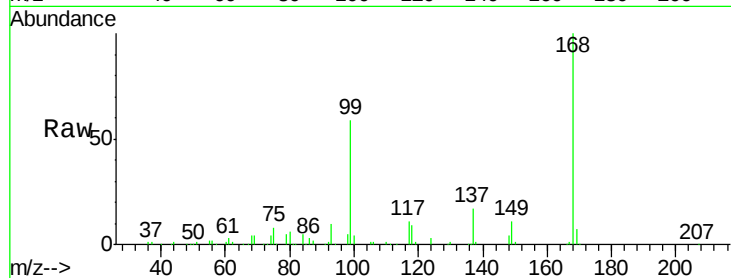
SB-5-(1-3)

Tgt Ion:168 Resp: 113259

Ion Ratio Lower Upper

168 100

99 58.9 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002106.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002106.D (-947) (-)

7.80

60000

50000

40000

30000

20000

10000

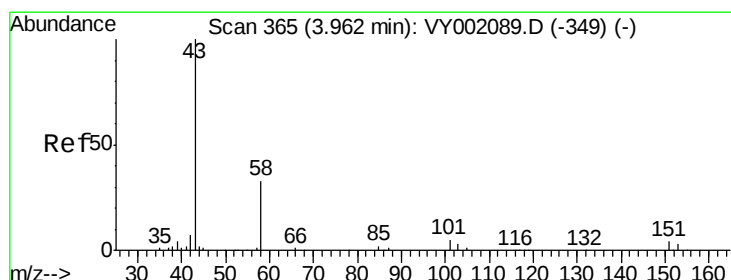
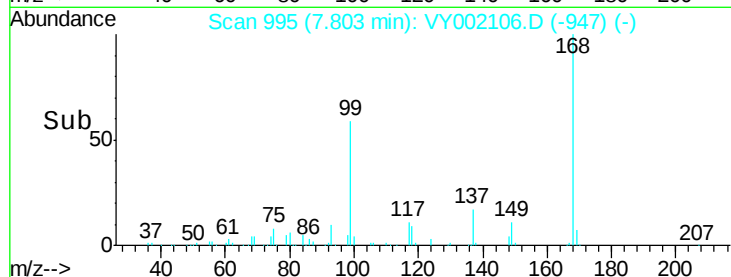
0

Time-->

7.70

7.80

7.90



#16

Acetone

Concen: 24.480 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.00 min

Lab File: VY002106.D

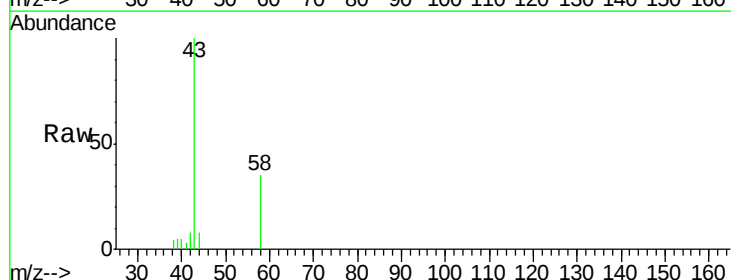
Acq: 27 Mar 2020 15:31

Tgt Ion: 43 Resp: 8611

Ion Ratio Lower Upper

43 100

58 34.7 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002106.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VY002106.D (-316) (-)

3.96

3000

2000

1000

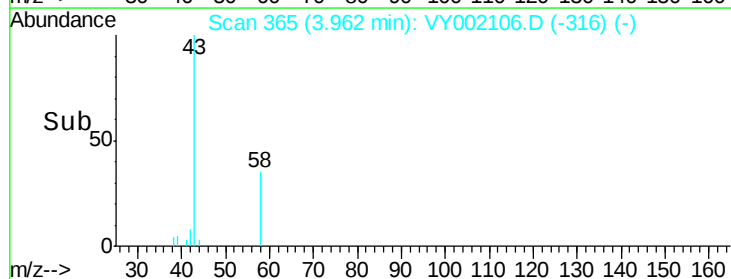
0

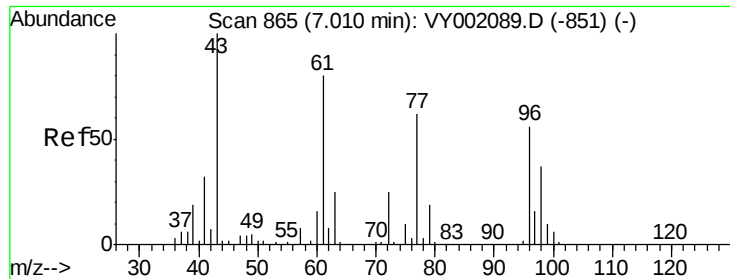
Time-->

3.90

4.00

4.10

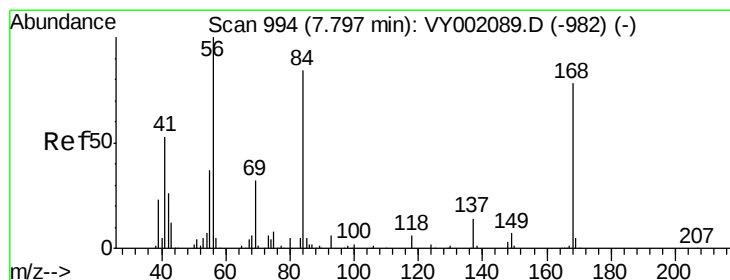
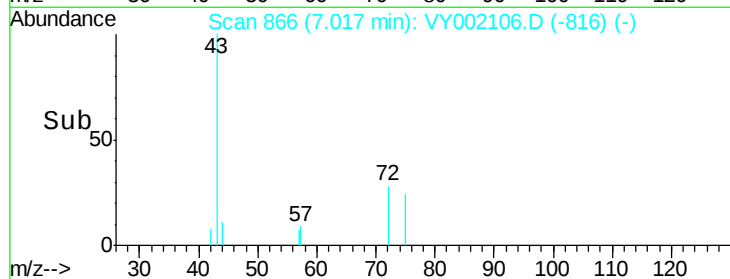
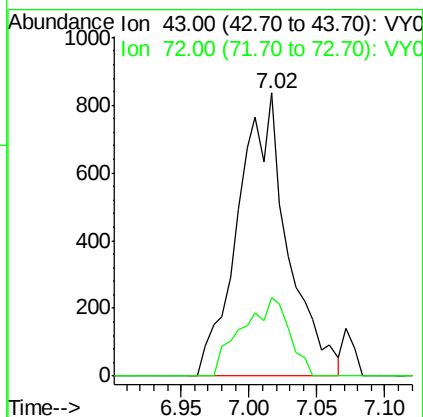
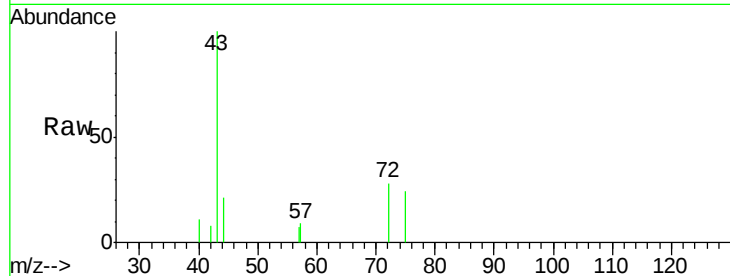




#25
2-Butanone
Concen: 3.958 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002106.D
Acq: 27 Mar 2020 15:31

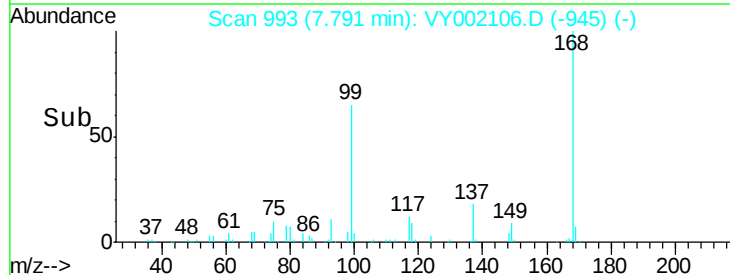
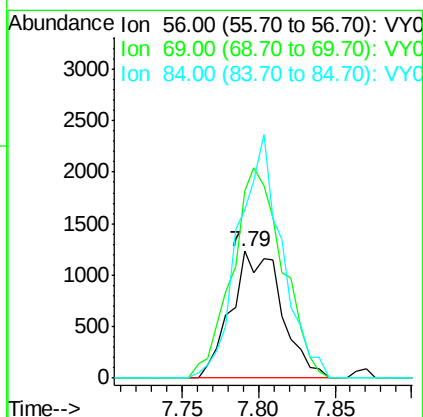
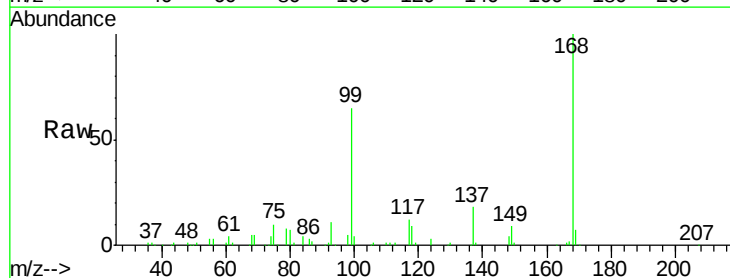
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(1-3)

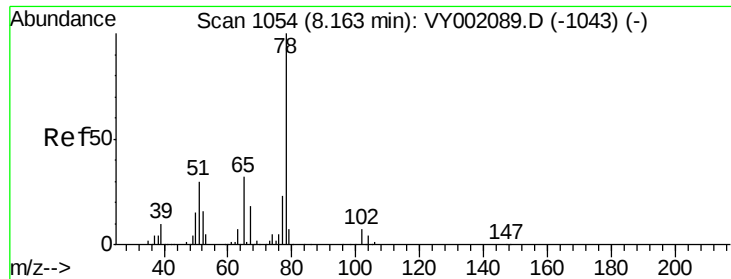
Tgt Ion: 43 Resp: 2138
Ion Ratio Lower Upper
43 100
72 27.6 20.2 30.2



#31
Cyclohexane
Concen: 1.085 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY002106.D
Acq: 27 Mar 2020 15:31

Tgt Ion: 56 Resp: 2830
Ion Ratio Lower Upper
56 100
69 147.4 25.8 38.8#
84 132.5 67.1 100.7#





#33

1,2-Dichloroethane-d4

Concen: 59.622 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002106.D

Acq: 27 Mar 2020 15:31

Instrument :

MSVOA_Y

ClientSampleId :

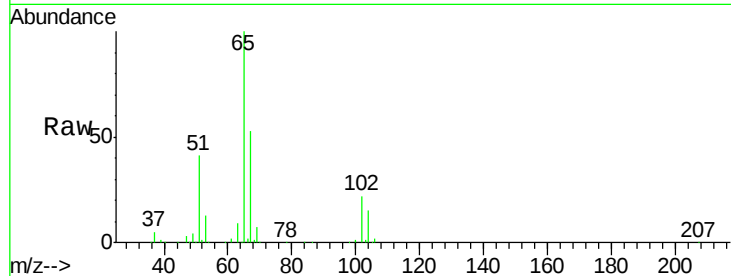
SB-5-(1-3)

Tgt Ion: 65 Resp: 74649

Ion Ratio Lower Upper

65 100

67 55.6 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002106.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002106.D (-1043) (-)

8.15

40000

30000

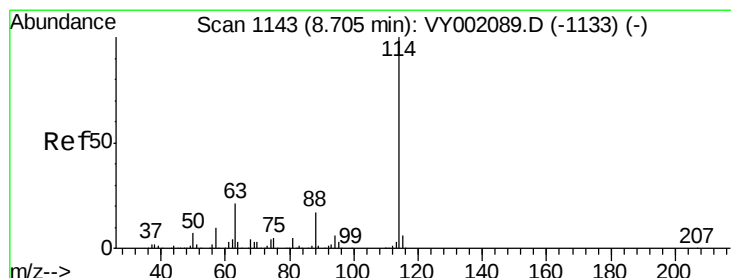
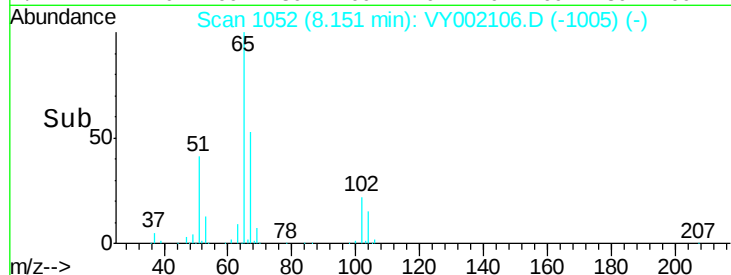
20000

10000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002106.D

Acq: 27 Mar 2020 15:31

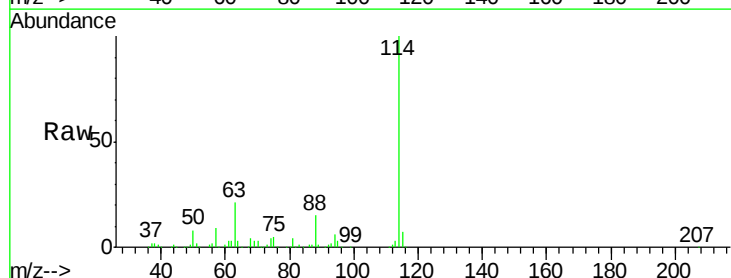
Tgt Ion: 114 Resp: 219380

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

88 15.3 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): VY002106.D (-1094) (-)

Ion 63.00 (62.70 to 63.70): VY002106.D (-1094) (-)

Ion 87.90 (87.60 to 88.60): VY002106.D (-1094) (-)

8.70

150000

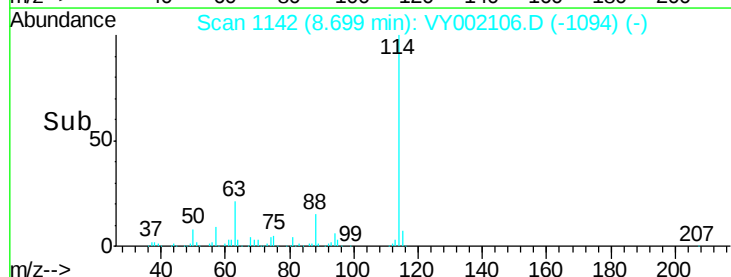
100000

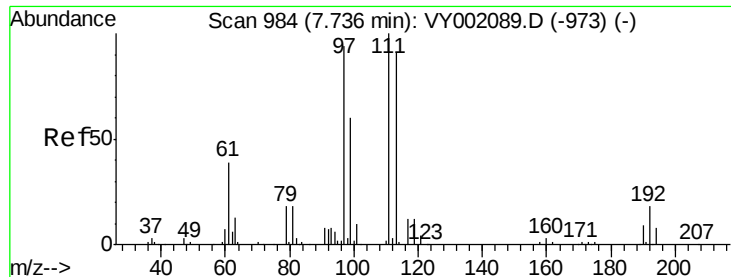
50000

0

8.60 8.70 8.80

Time-->

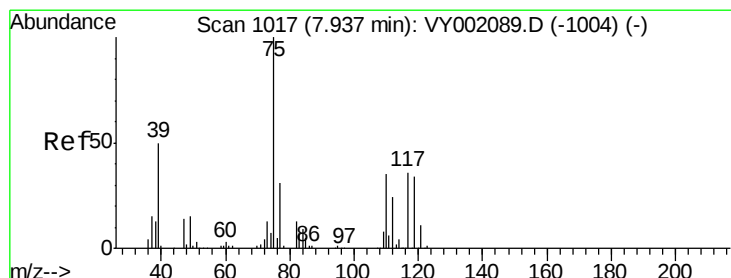
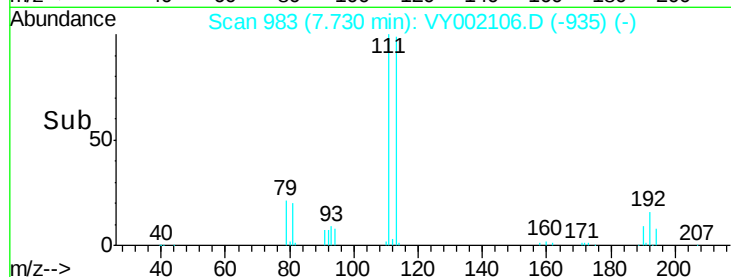
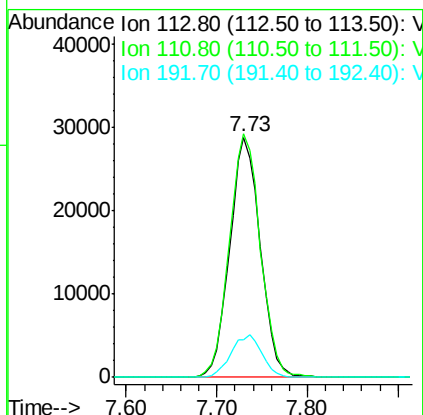
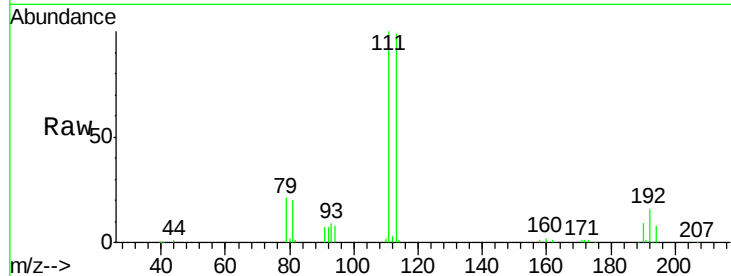




#35
 Dibromofluoromethane
 Concen: 54.697 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002106.D
 Acq: 27 Mar 2020 15:31

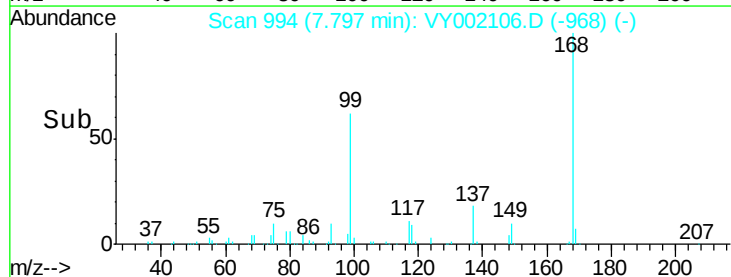
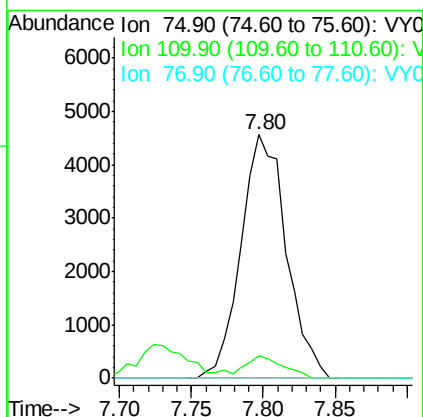
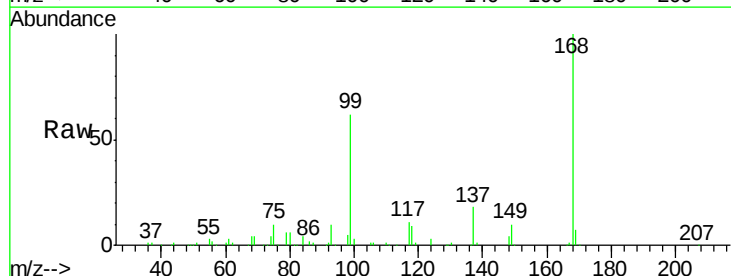
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-(1-3)

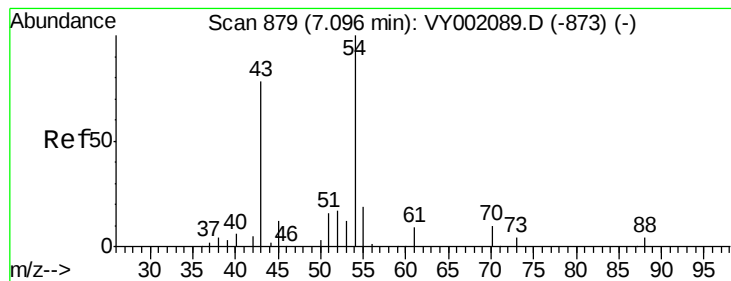
Tgt Ion:113 Resp: 67234
 Ion Ratio Lower Upper
 113 100
 111 103.0 84.4 126.6
 192 17.9 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 4.792 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.14 min
 Lab File: VY002106.D
 Acq: 27 Mar 2020 15:31

Tgt Ion: 75 Resp: 9944
 Ion Ratio Lower Upper
 75 100
 110 8.3 17.2 51.6#
 77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 1.705 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.08 min

Lab File: VY002106.D

Acq: 27 Mar 2020 15:31

Instrument :

MSVOA_Y

ClientSampled :

SB-5-(1-3)

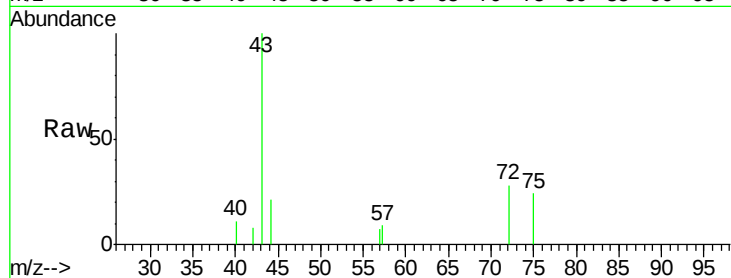
Tgt Ion: 43 Resp: 2138

Ion Ratio Lower Upper

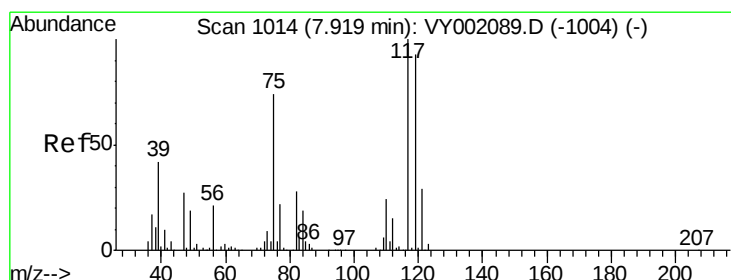
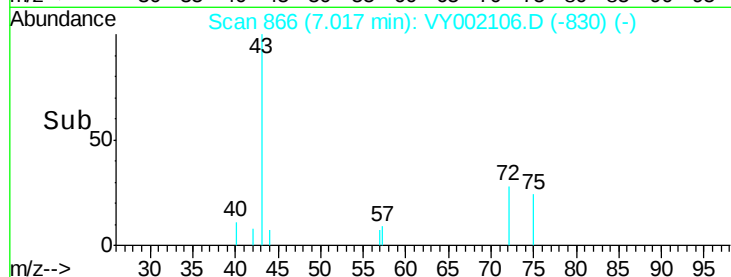
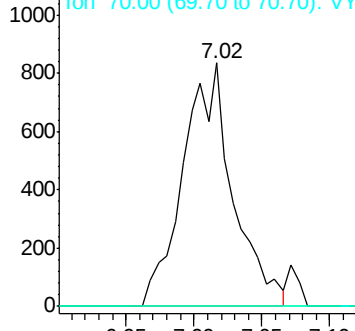
43 100

61 0.0 11.2 16.8#

70 0.0 8.2 12.4#



Abundance Ion 43.00 (42.70 to 43.70): VY002106.D (-830) (-)



#38

Carbon Tetrachloride

Concen: 6.700 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.12 min

Lab File: VY002106.D

Acq: 27 Mar 2020 15:31

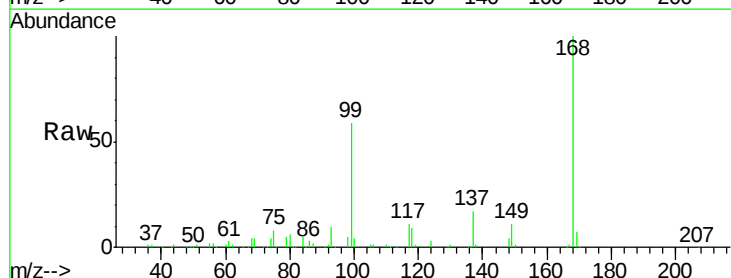
Tgt Ion: 117 Resp: 11796

Ion Ratio Lower Upper

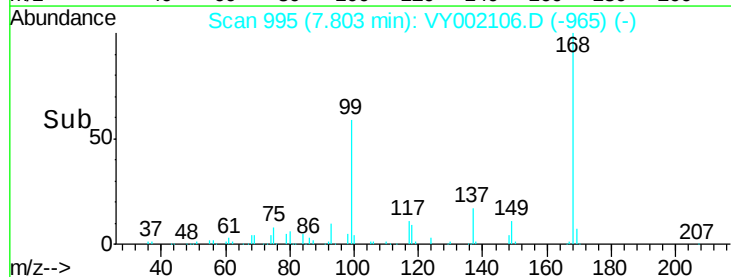
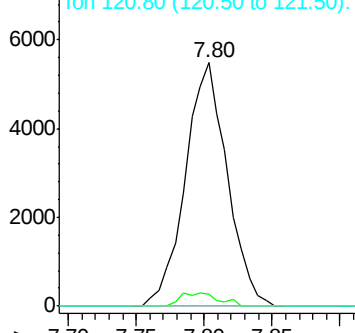
117 100

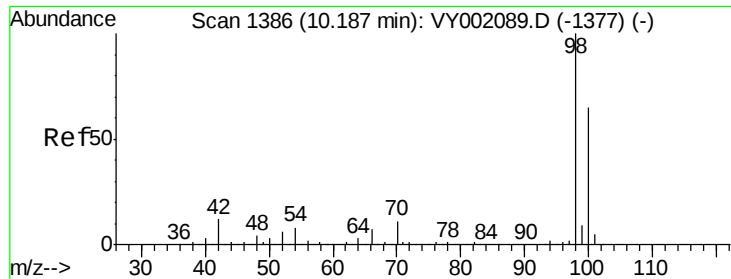
119 4.9 74.3 111.5#

121 0.0 23.3 34.9#



Abundance Ion 116.80 (116.50 to 117.50): VY002106.D (-965) (-)





#50

Toluene-d8

Concen: 48.575 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002106.D

Acq: 27 Mar 2020 15:31

Instrument :

MSVOA_Y

ClientSampleId :

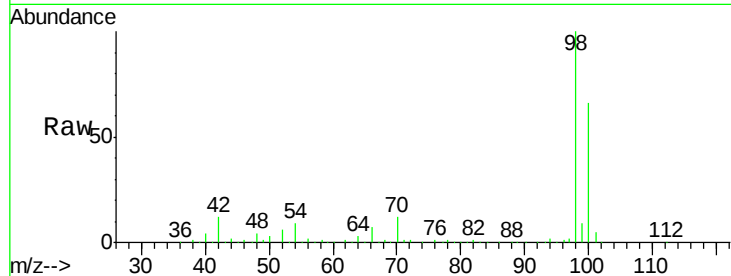
SB-5-(1-3)

Tgt Ion: 98 Resp: 248049

Ion Ratio Lower Upper

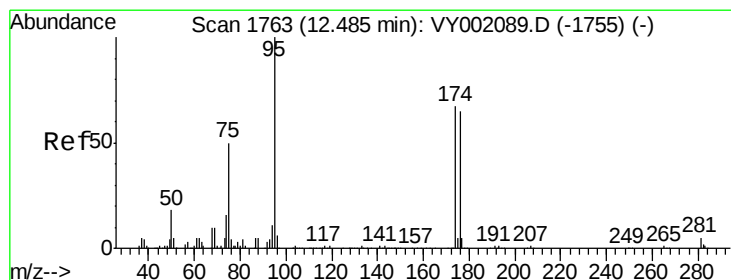
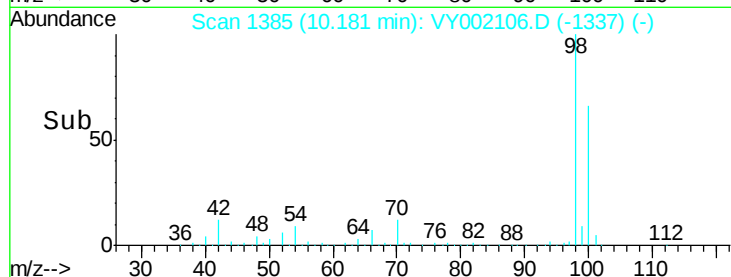
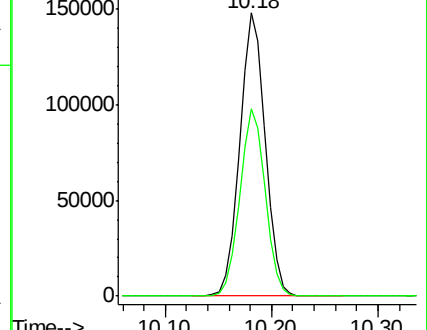
98 100

100 66.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 34.530 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002106.D

Acq: 27 Mar 2020 15:31

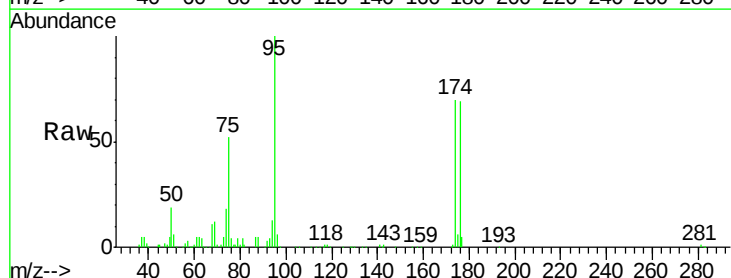
Tgt Ion: 95 Resp: 61667

Ion Ratio Lower Upper

95 100

174 71.8 0.0 143.4

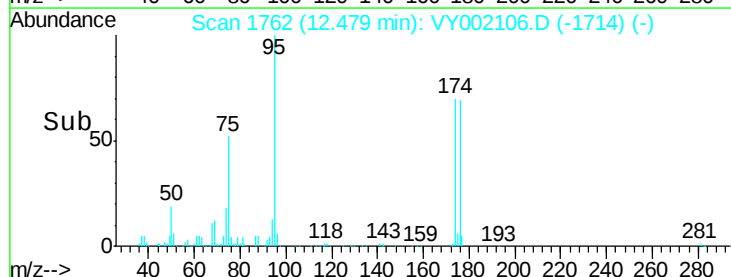
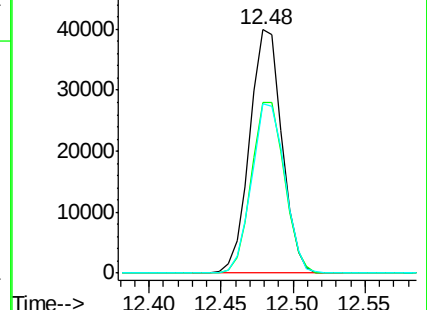
176 71.5 0.0 137.0

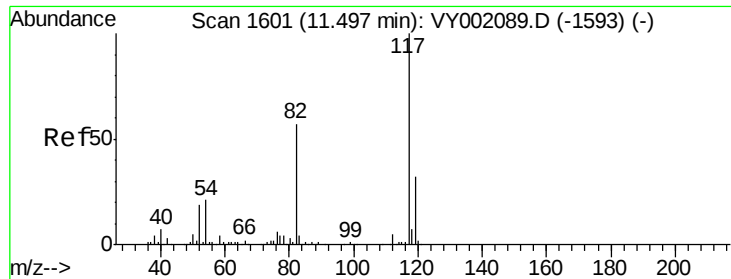


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

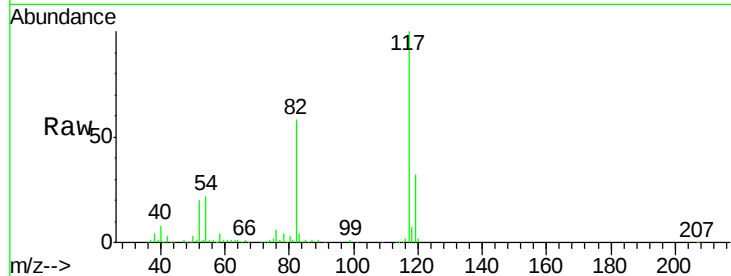




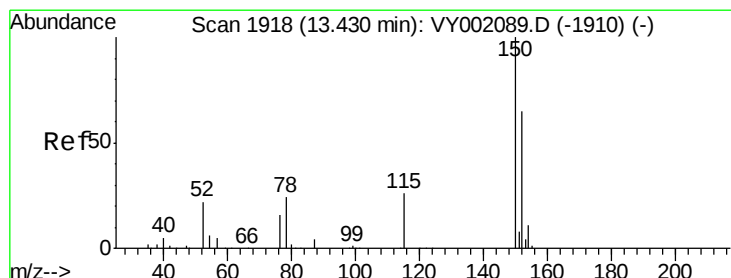
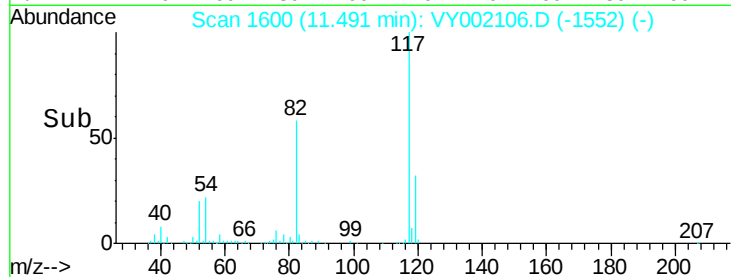
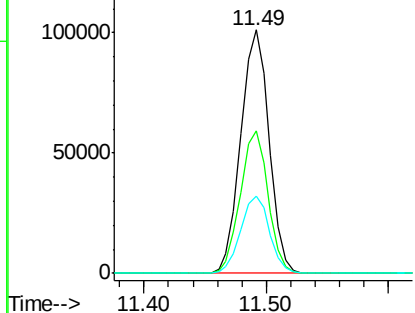
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002106.D
Acq: 27 Mar 2020 15:31

Instrument :
MSVOA_Y
ClientSampled :
SB-5-(1-3)

Tgt Ion:117 Resp: 162344
Ion Ratio Lower Upper
117 100
82 58.3 45.4 68.2
119 31.7 25.3 37.9

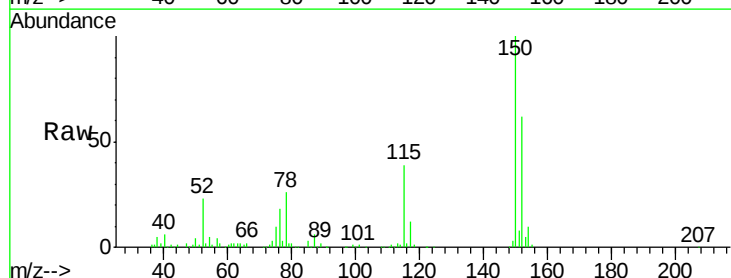


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

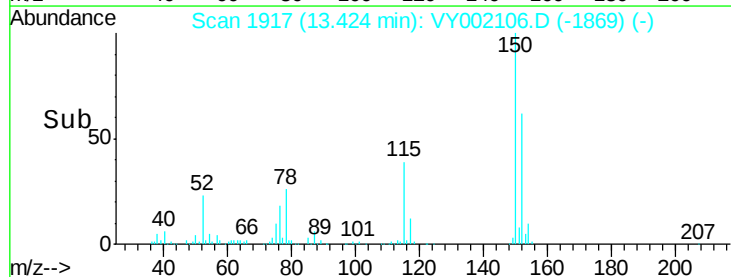
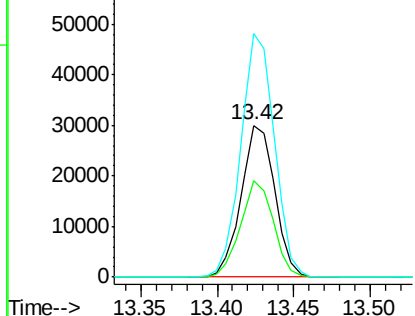


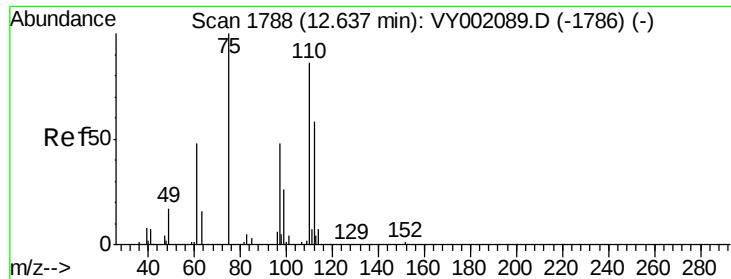
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002106.D
Acq: 27 Mar 2020 15:31

Tgt Ion:152 Resp: 45854
Ion Ratio Lower Upper
152 100
115 61.8 31.2 93.6
150 159.7 0.0 354.8



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

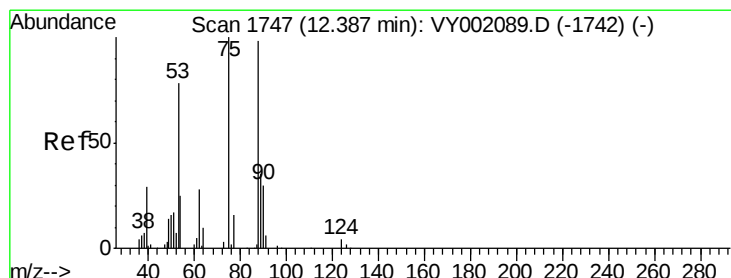
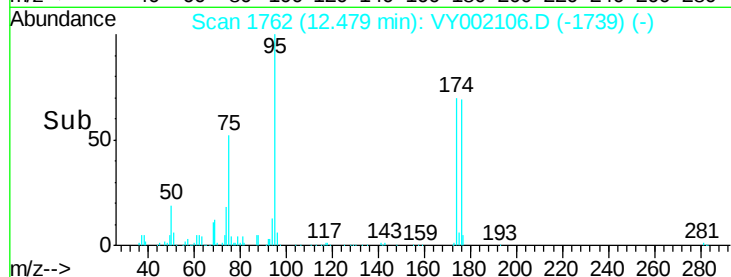
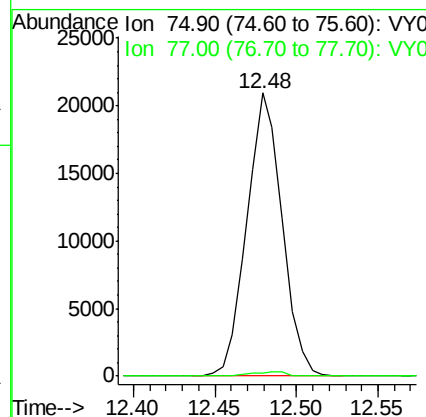
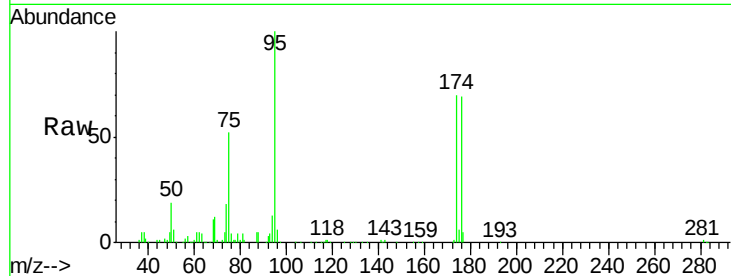




#76
 1,2,3-Trichloropropane
 Concen: 61.378 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.16 min
 Lab File: VY002106.D
 Acq: 27 Mar 2020 15:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-(1-3)

Tgt Ion: 75 Resp: 31482
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.911 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.09 min
 Lab File: VY002106.D
 Acq: 27 Mar 2020 15:31

Tgt Ion: 75 Resp: 31482
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.0 97.4#
 89 0.0 33.4 50.0#

