

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
 Data File : VY001304.D
 Acq On : 20 Jan 2020 18:29
 Operator : SY/MD
 Sample : L1210-01
 Misc : 6.31G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 Q012-SB1

Quant Time: Jan 21 07:48:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 06:54:04 2020
 Response via : Initial Calibration

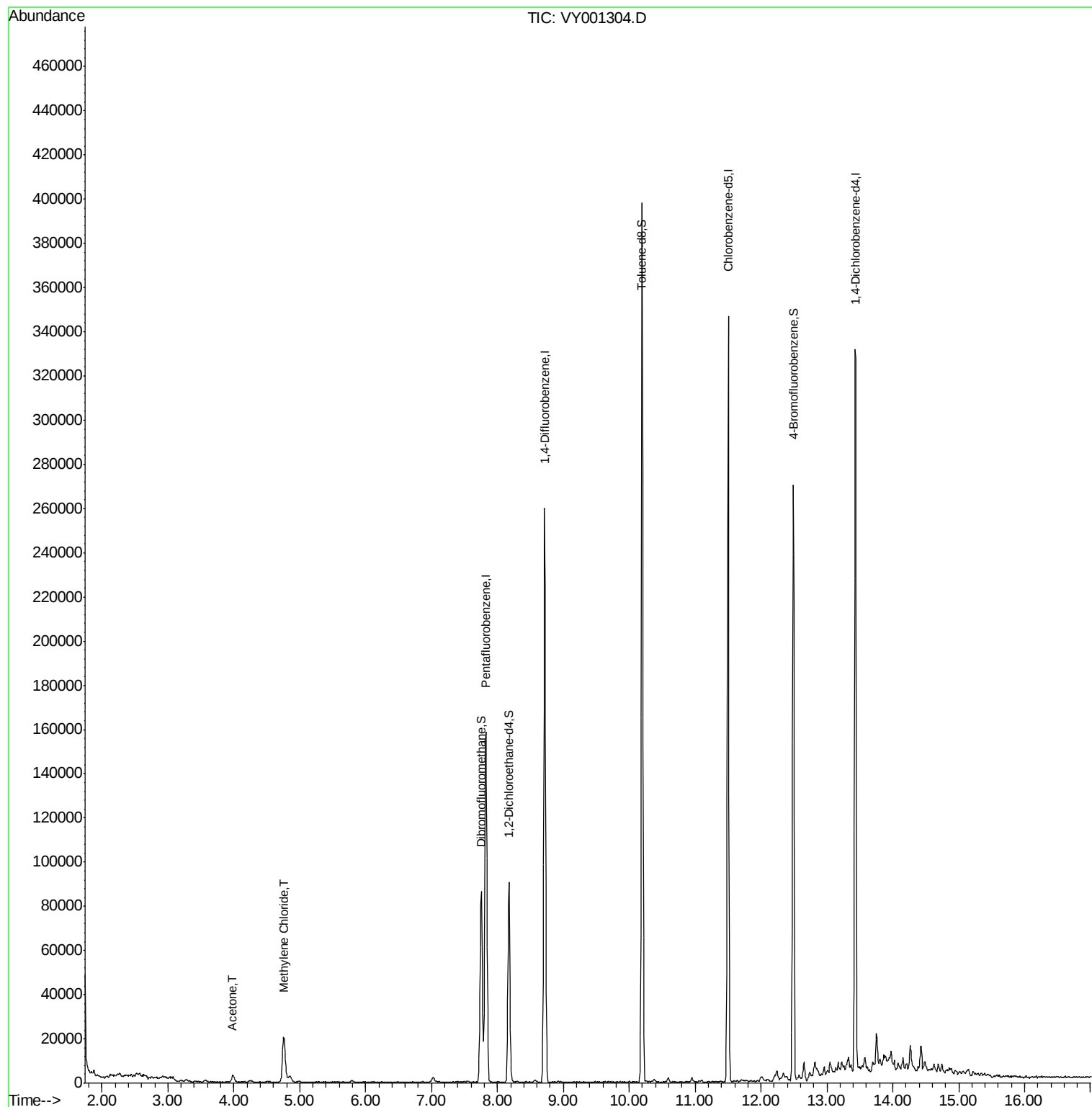
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	125927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	219349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	192022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	82331	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	67854	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
35) Dibromofluoromethane	7.75	113	63969	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
50) Toluene-d8	10.19	98	257601	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
62) 4-Bromofluorobenzene	12.49	95	89867	44.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.84%	
Target Compounds						
16) Acetone	3.98	43	5686	18.408	ug/l	97
20) Methylene Chloride	4.76	84	15431	5.842	ug/l	96

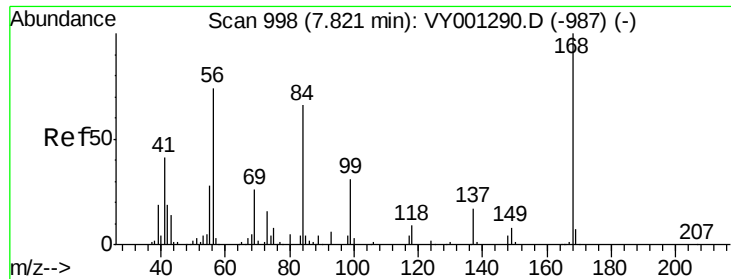
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001304.D

Acq: 20 Jan 2020 18:29

Instrument :

MSVOA_Y

ClientSampleId :

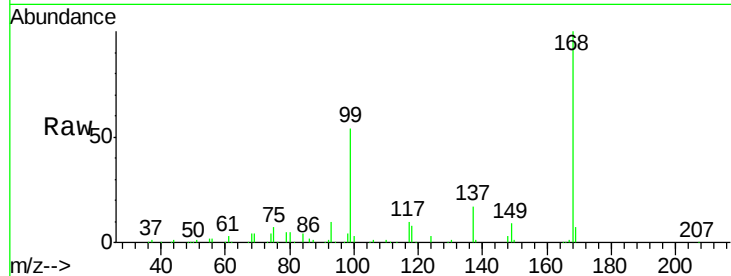
Q012-SB1

Tot Ion:168 Resp: 125927

Ion Ratio Lower Upper

168 100

99 54.0 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001290.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001290.D (-987) (-)

7.83

60000

50000

40000

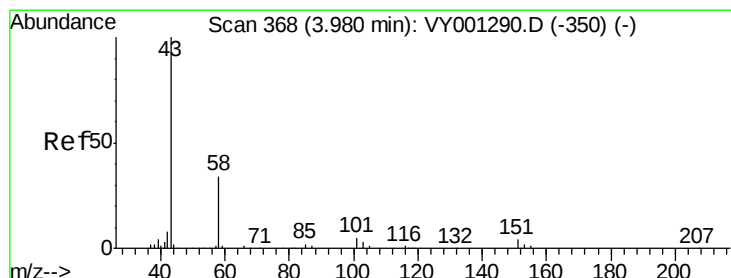
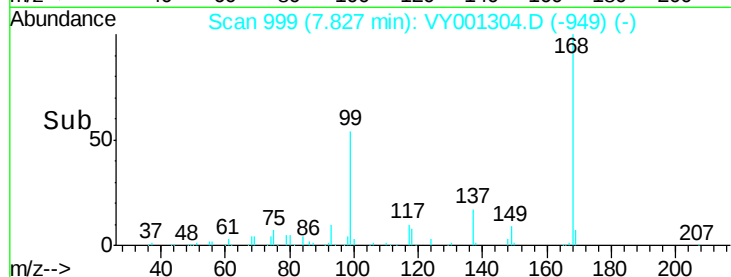
30000

20000

10000

0

Time--> 7.70 7.80 7.90



#16

Acetone

Concen: 18.408 ug/l

RT: 3.98 min Scan# 368

Delta R.T. -0.00 min

Lab File: VY001304.D

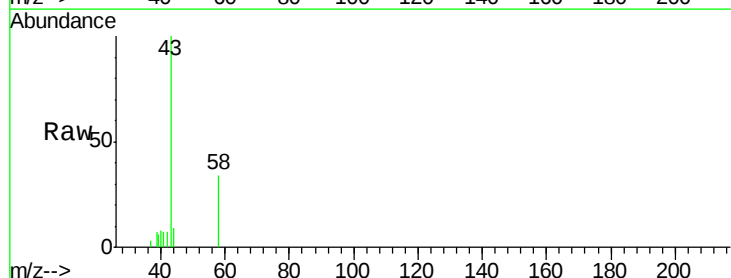
Acq: 20 Jan 2020 18:29

Tgt Ion: 43 Resp: 5686

Ion Ratio Lower Upper

43 100

58 34.1 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001290.D (-350) (-)

Ion 58.00 (57.70 to 58.70): VY001290.D (-350) (-)

3.98

2500

2000

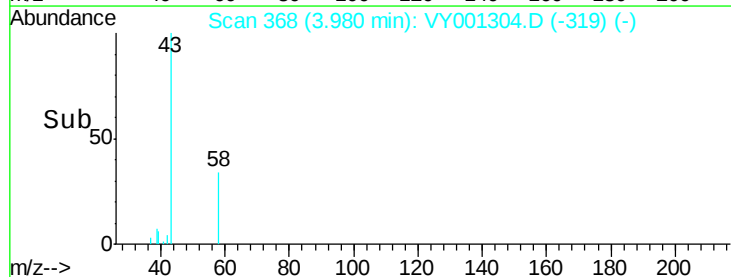
1500

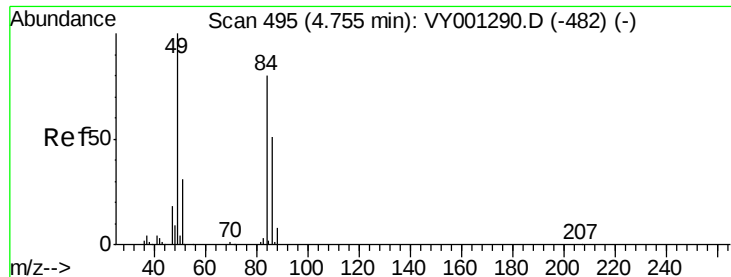
1000

500

0

Time--> 3.90 4.00 4.10





#20

Methylene Chloride

Concen: 5.842 ug/l

RT: 4.76 min Scan# 496

Delta R.T. 0.01 min

Lab File: VY001304.D

Acq: 20 Jan 2020 18:29

Instrument :

MSVOA_Y

ClientSampled :

Q012-SB1

Tot Ion: 84 Resp: 15431

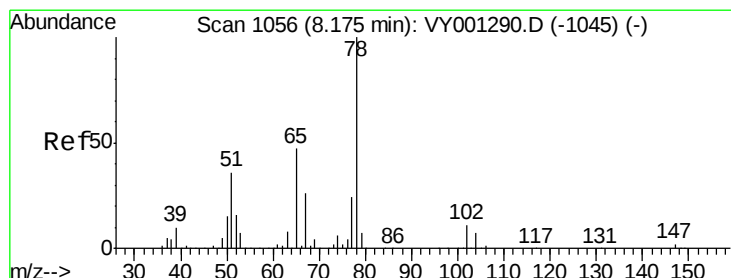
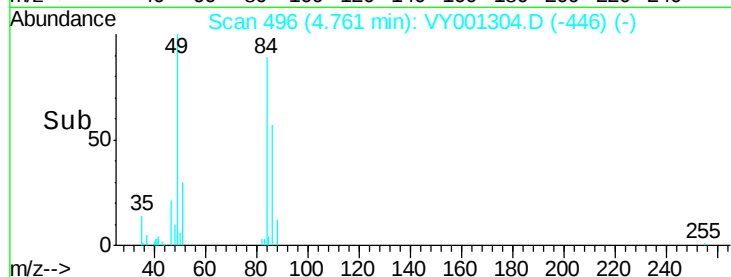
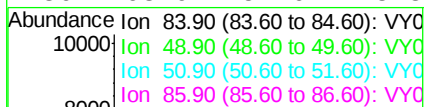
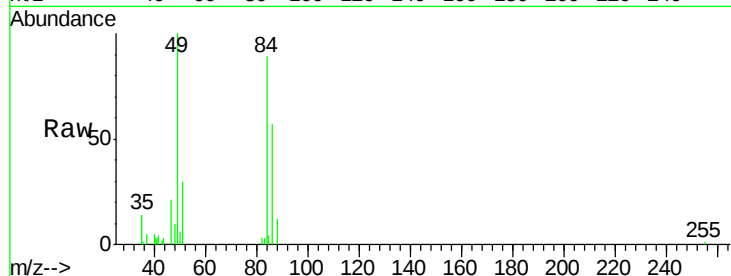
Ion Ratio Lower Upper

84 100

49 112.5 93.8 140.6

51 34.2 29.9 44.9

86 63.9 52.6 78.8



#33

1,2-Dichloroethane-d4

Concen: 51.018 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. -0.00 min

Lab File: VY001304.D

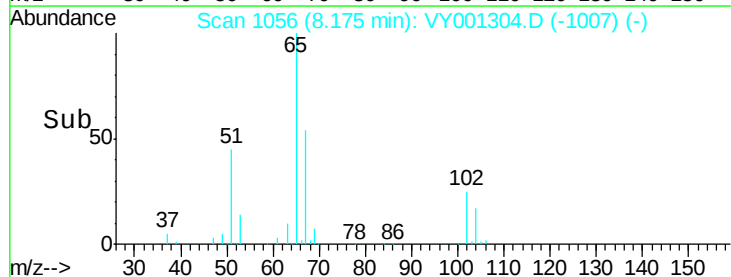
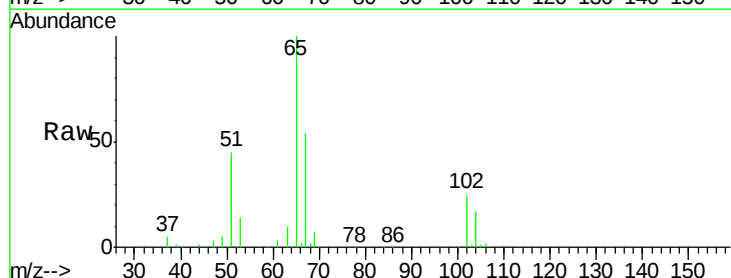
Acq: 20 Jan 2020 18:29

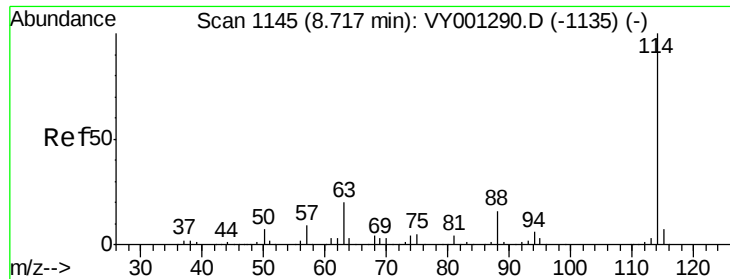
Tgt Ion: 65 Resp: 67854

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.2

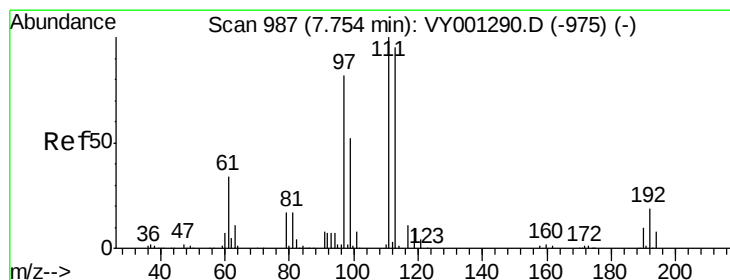
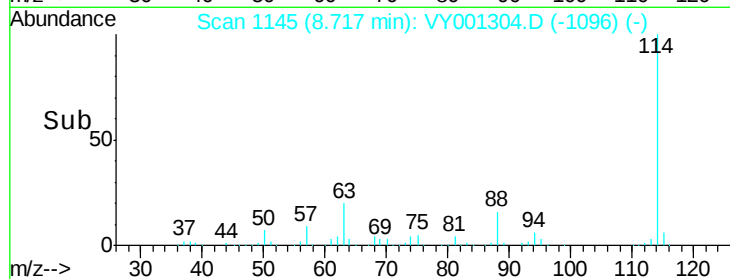
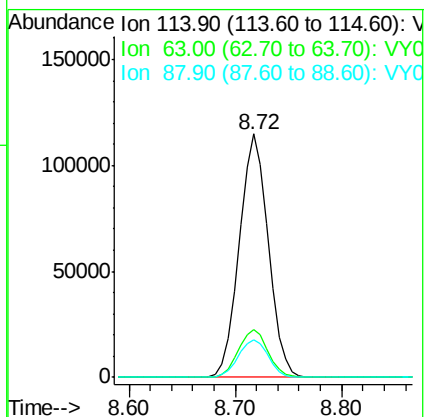
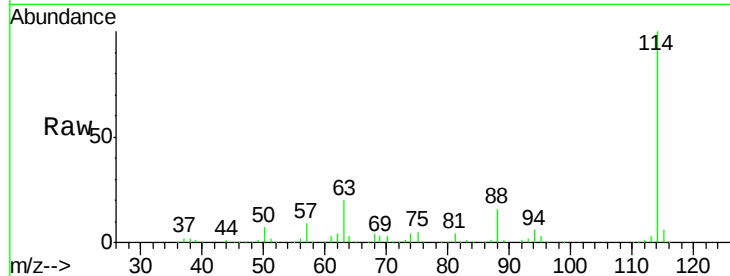




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: VY001304.D
 Acq: 20 Jan 2020 18:29

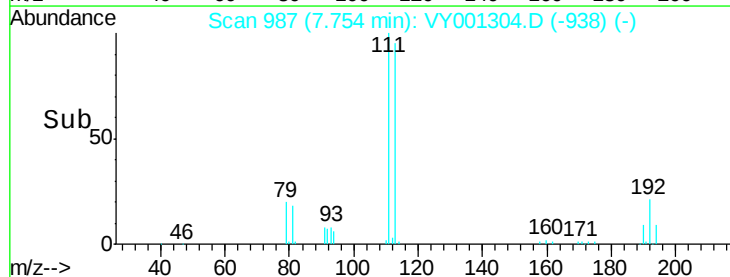
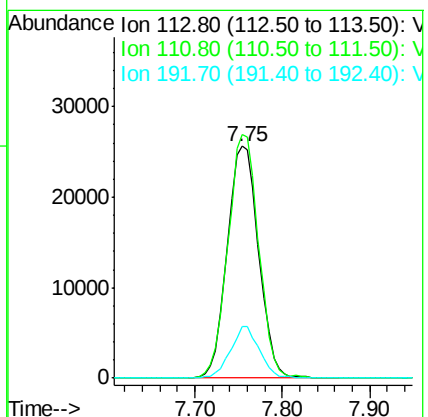
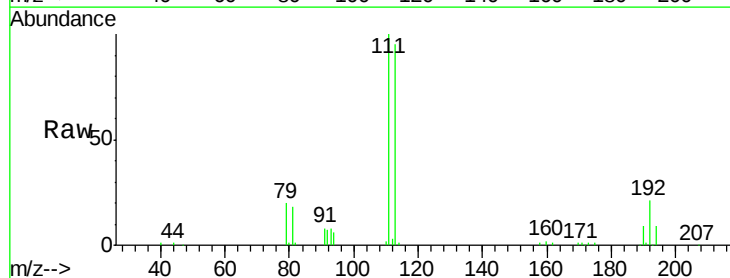
Instrument :
 MSVOA_Y
 ClientSampleId :
 Q012-SB1

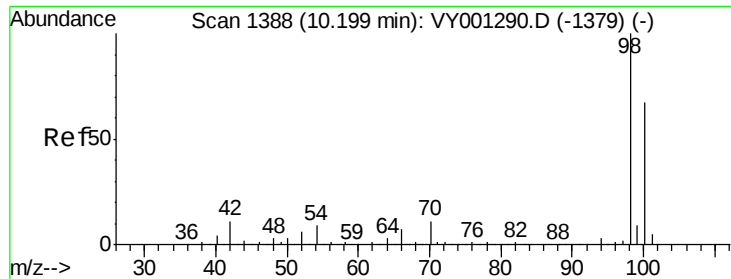
Tot Ion:114 Resp: 219349
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.8
 88 15.7 0.0 32.4



#35
 Dibromofluoromethane
 Concen: 49.809 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: VY001304.D
 Acq: 20 Jan 2020 18:29

Tgt Ion:113 Resp: 63969
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.9 124.3
 192 20.4 15.4 23.2





#50

Toluene-d8

Concen: 52.056 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VY001304.D

Acq: 20 Jan 2020 18:29

Instrument :

MSVOA_Y

ClientSampleId :

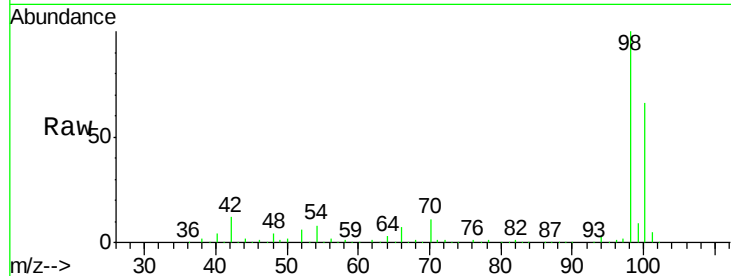
Q012-SB1

Tot Ion: 98 Resp: 257601

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

150000

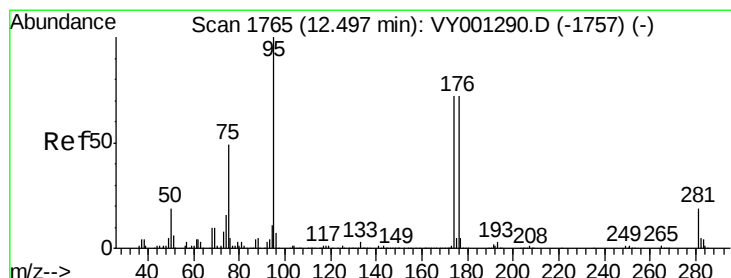
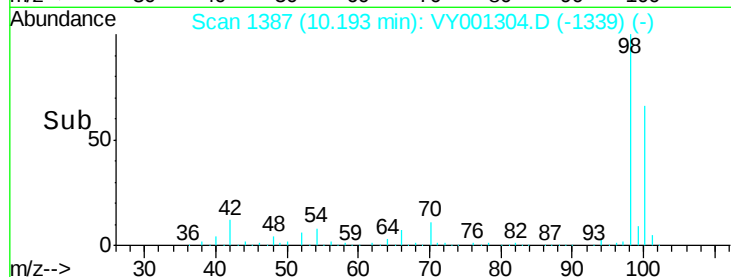
100000

50000

0

10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 44.420 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.01 min

Lab File: VY001304.D

Acq: 20 Jan 2020 18:29

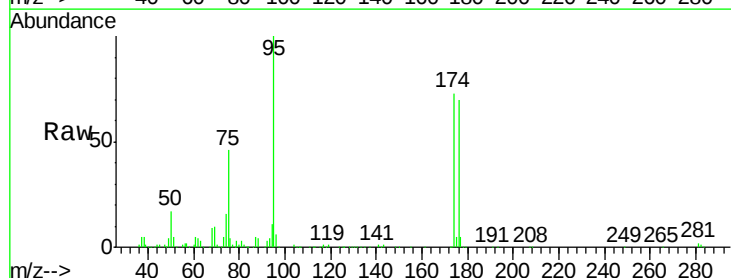
Tgt Ion: 95 Resp: 89867

Ion Ratio Lower Upper

95 100

174 73.1 0.0 143.2

176 71.7 0.0 136.0



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

80000

60000

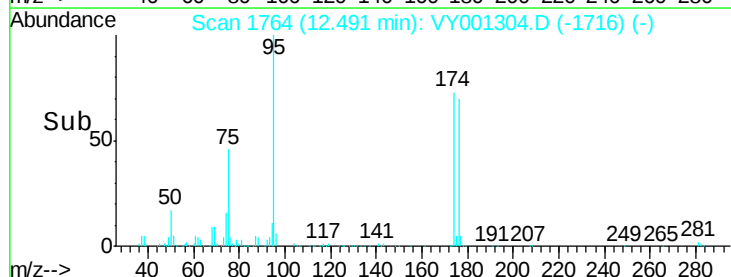
40000

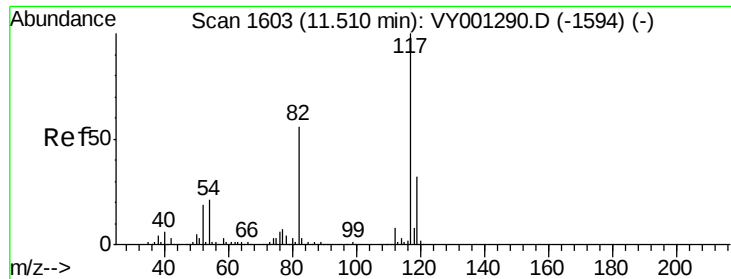
20000

0

12.40 12.45 12.50 12.55

Time-->

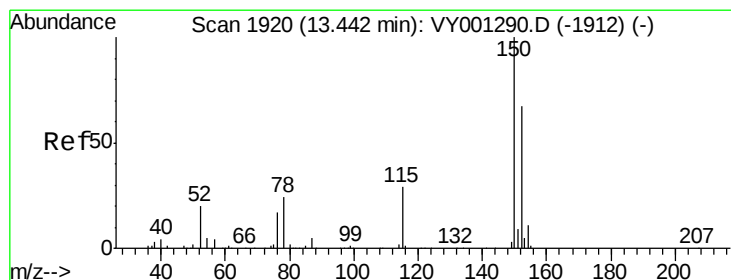
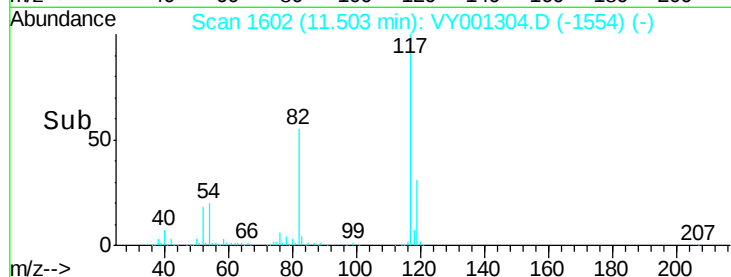
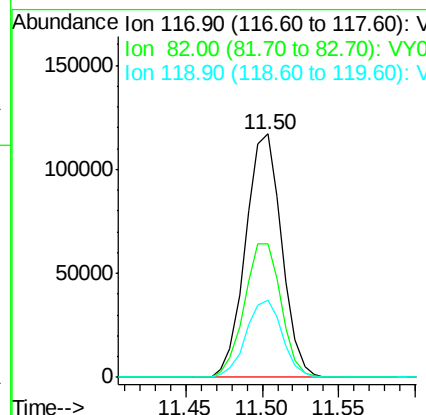
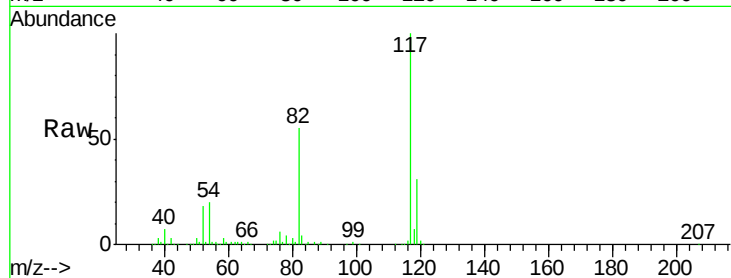




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VY001304.D
Acq: 20 Jan 2020 18:29

Instrument :
MSVOA_Y
ClientSampleId :
Q012-SB1

Tot Ion:117 Resp: 192022
Ion Ratio Lower Upper
117 100
82 54.9 44.9 67.3
119 31.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.01 min
Lab File: VY001304.D
Acq: 20 Jan 2020 18:29

Tgt Ion:152 Resp: 82331
Ion Ratio Lower Upper
152 100
115 60.2 30.9 92.5
150 157.1 0.0 346.8

