

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003574.D
 Acq On : 20 Nov 2020 17:40
 Operator : SY/MD
 Sample : L4836-06
 Misc : 5.8G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06

Quant Time: Nov 21 03:05:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:00:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	94140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	219615	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	210904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	97008	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	76445	78.21	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	156.42%
35) Dibromofluoromethane	7.72	113	77362	53.59	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.18%
50) Toluene-d8	10.17	98	270788	48.24	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.48%
62) 4-Bromofluorobenzene	12.48	95	85177	47.81	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.62%

Target Compounds

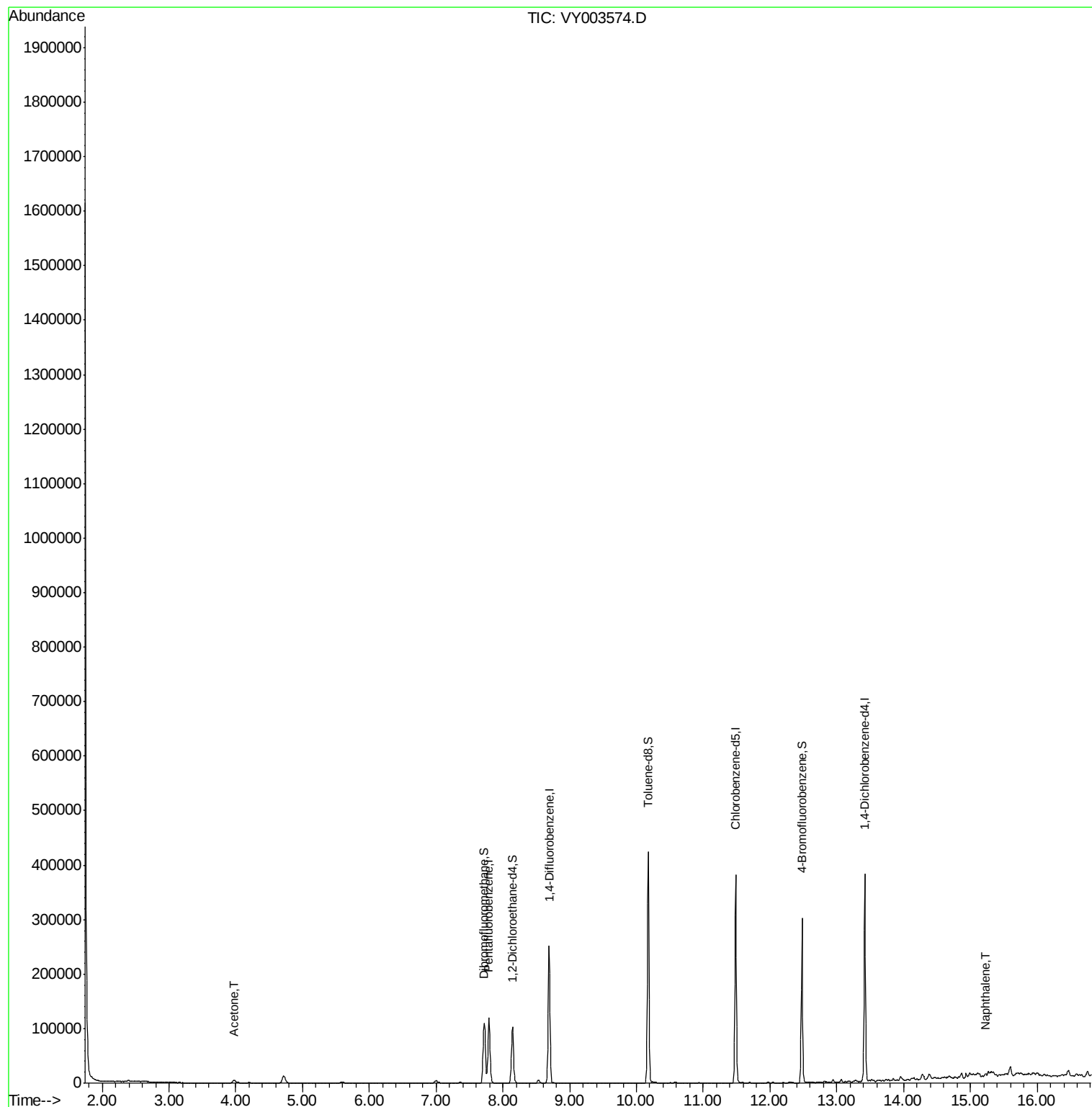
					Qvalue	
16) Acetone	3.98	43	10421	31.930	ug/l	91
95) Naphthalene	15.23	128	3283	1.328	ug/l #	92

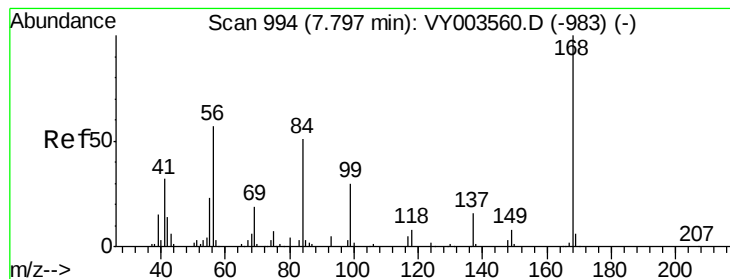
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY003574.D

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MSVOA_Y

ClientSampleId :

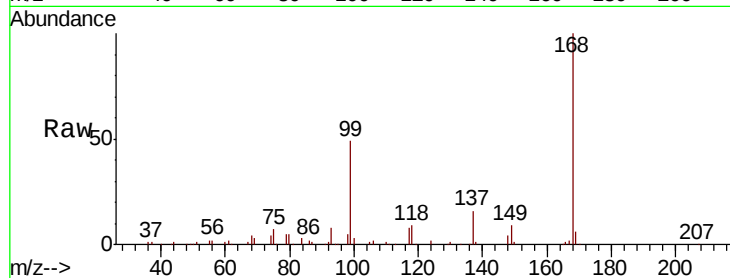
SB-06

Tot Ion:168 Resp: 94140

Ion Ratio Lower Upper

168 100

99 49.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VY003560.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003560.D (-983) (-)

7.79

40000

30000

20000

10000

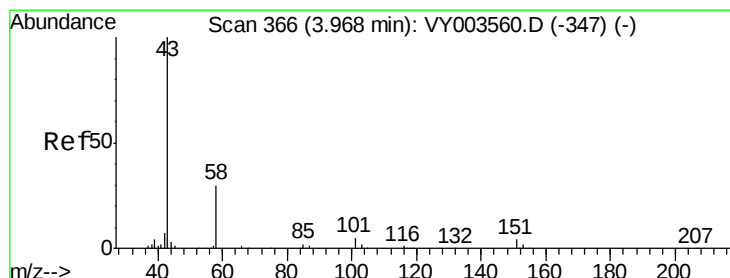
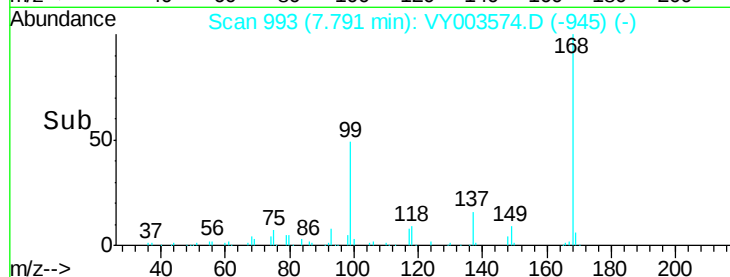
0

Time-->

7.70

7.80

7.90



#16

Acetone

Concen: 31.930 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY003574.D

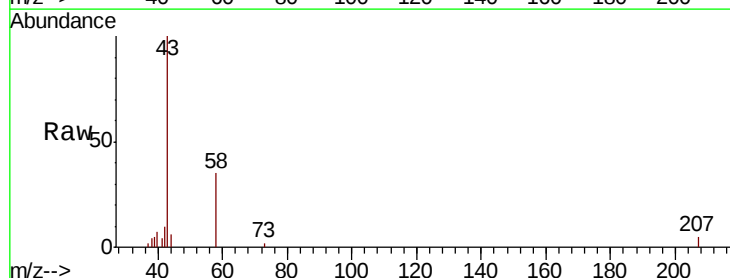
Acq: 20 Nov 2020 17:40

Tgt Ion: 43 Resp: 10421

Ion Ratio Lower Upper

43 100

58 34.7 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VY003560.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY003560.D (-347) (-)

3.98

3000

2000

1000

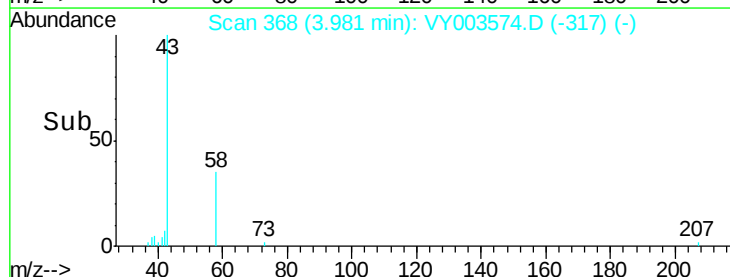
0

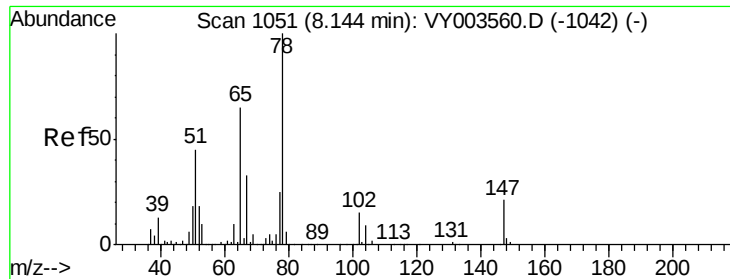
Time-->

3.90

4.00

4.10

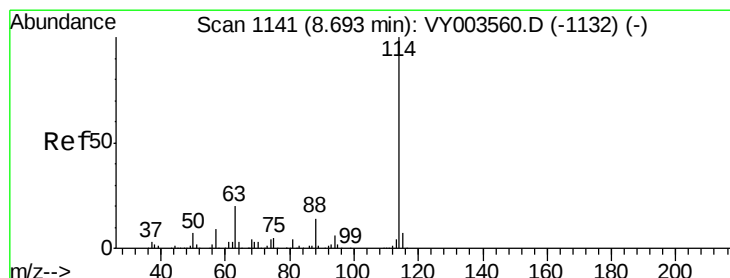
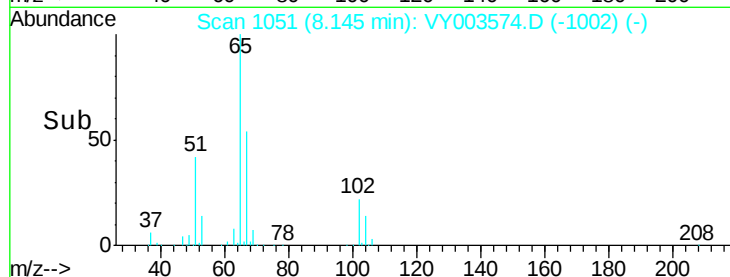
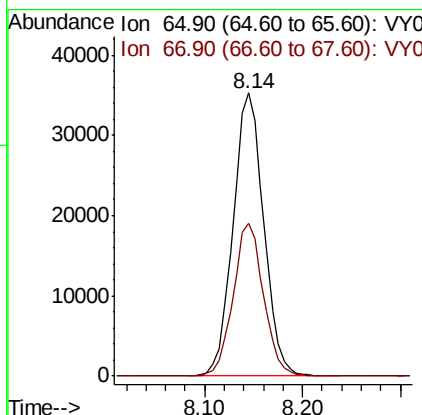
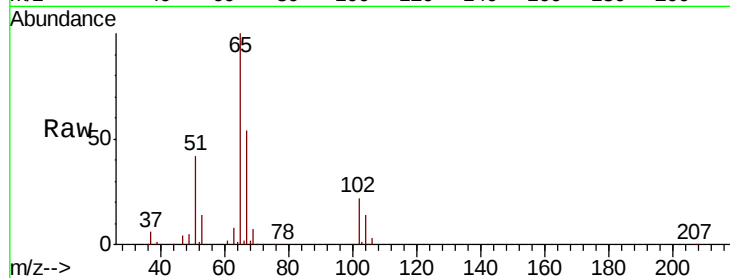




#33
 1,2-Dichloroethane-d4
 Concen: 78.206 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003574.D
 Acq: 20 Nov 2020 17:40

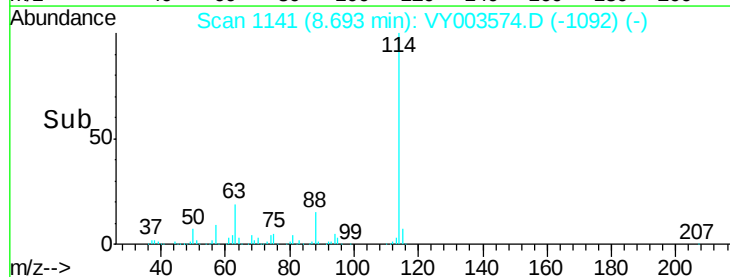
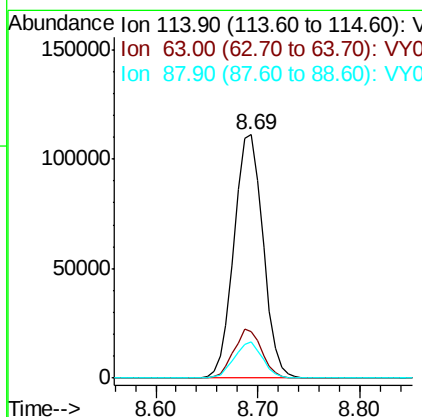
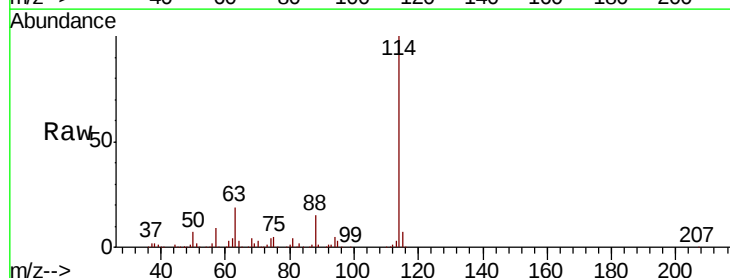
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06

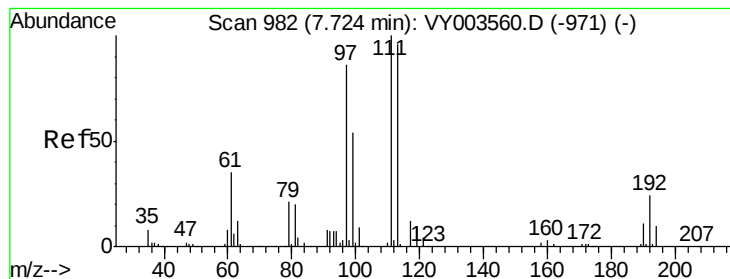
Tot Ion: 65 Resp: 76445
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003574.D
 Acq: 20 Nov 2020 17:40

Tgt Ion: 114 Resp: 219615
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.8
 88 14.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.589 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003574.D

Acq: 20 Nov 2020 17:40

Instrument :

MSVOA_Y

ClientSampleId :

SB-06

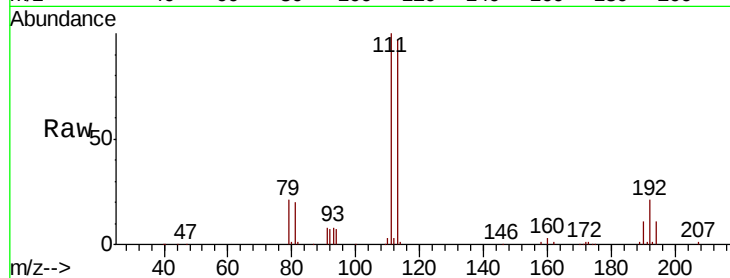
Tot Ion:113 Resp: 77362

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

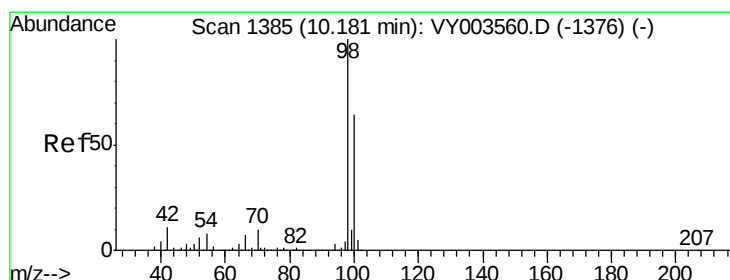
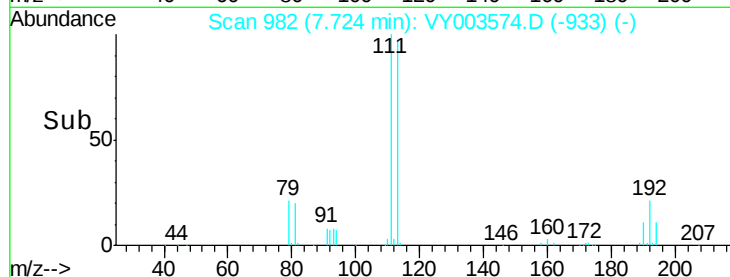
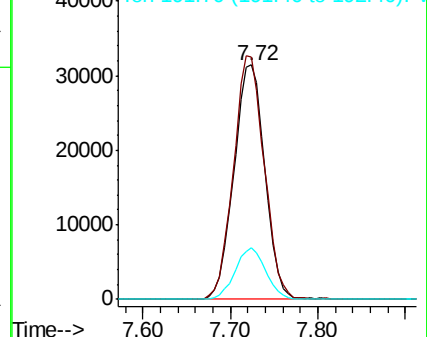
192 21.7 18.1 27.1



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: 48.239 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VY003574.D

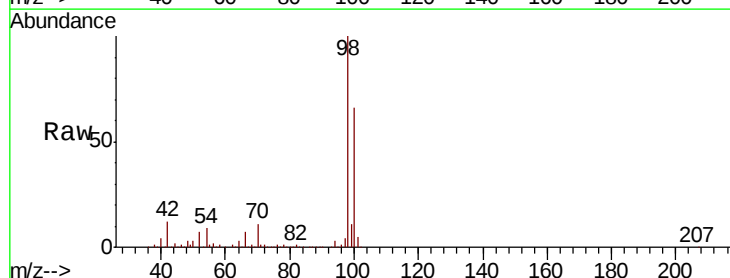
Acq: 20 Nov 2020 17:40

Tgt Ion: 98 Resp: 270788

Ion Ratio Lower Upper

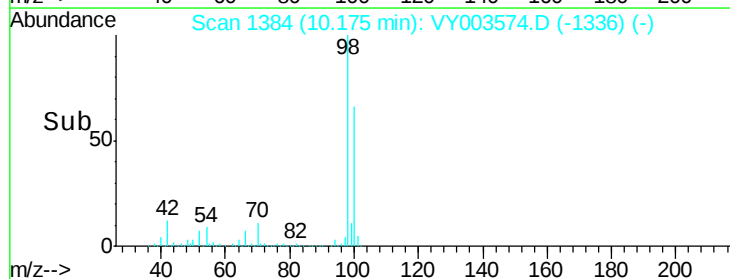
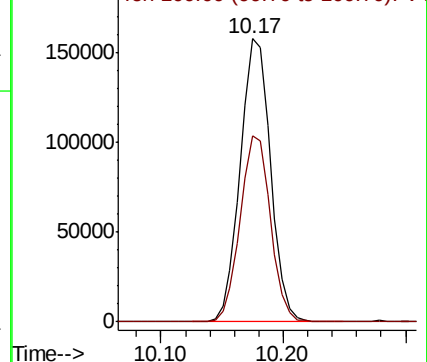
98 100

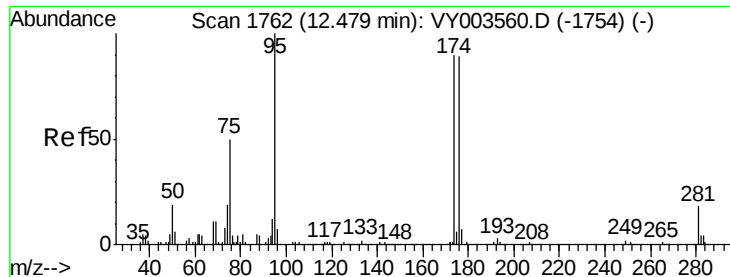
100 65.3 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 47.813 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003574.D

Acq: 20 Nov 2020 17:40

Instrument :

MSVOA_Y

ClientSampleId :

SB-06

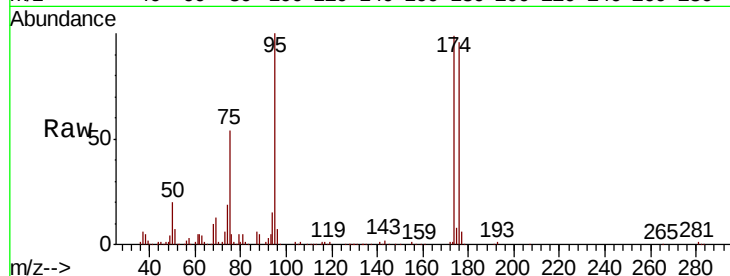
Tot Ion: 95 Resp: 85177

Ion Ratio Lower Upper

95 100

174 93.8 0.0 184.0

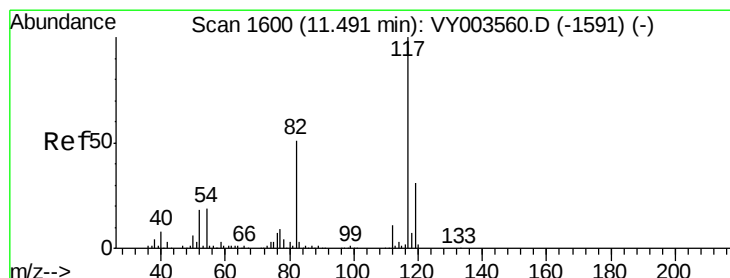
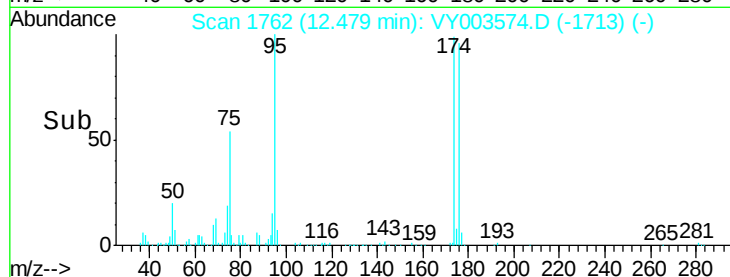
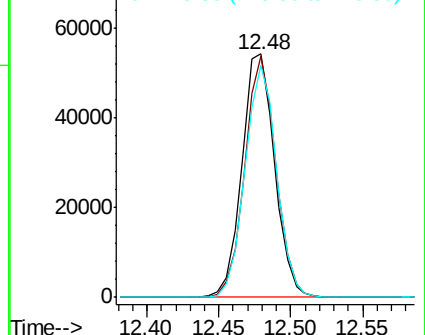
176 91.8 0.0 180.4



Abundance Ion 94.90 (94.60 to 95.60): VY003560.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY003560.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY003560.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY003574.D

Acq: 20 Nov 2020 17:40

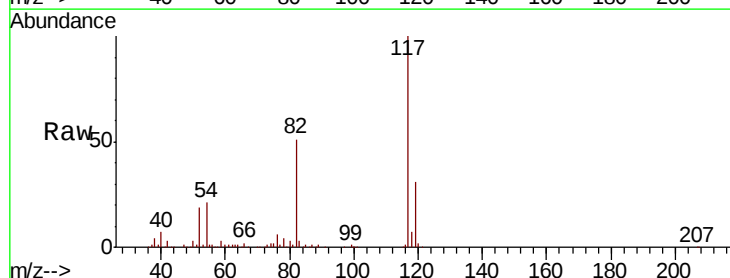
Tgt Ion: 117 Resp: 210904

Ion Ratio Lower Upper

117 100

82 50.6 41.0 61.6

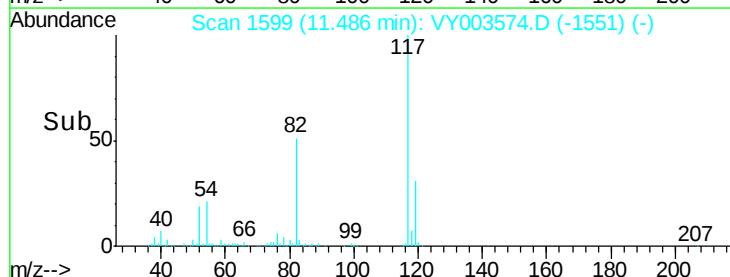
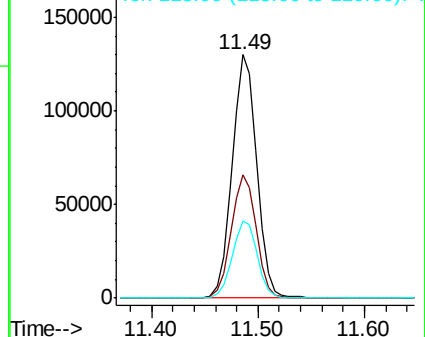
119 31.5 25.0 37.6

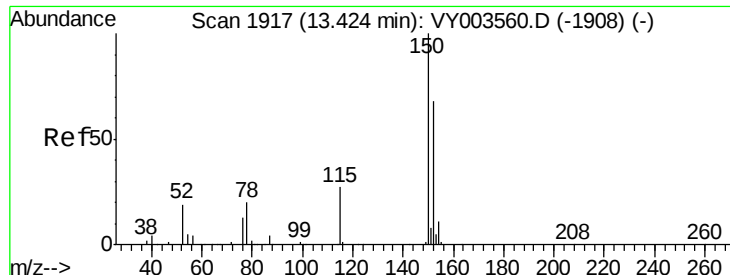


Abundance Ion 116.90 (116.60 to 117.60): VY003560.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY003560.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY003560.D (-1591) (-)



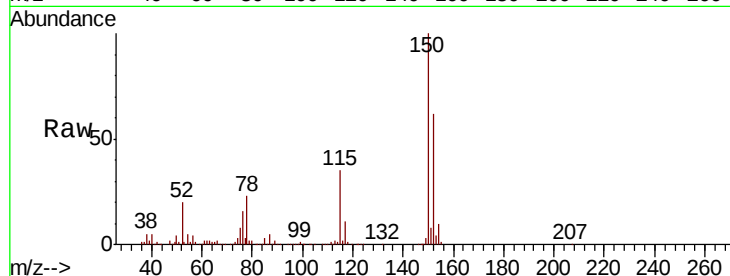


#72

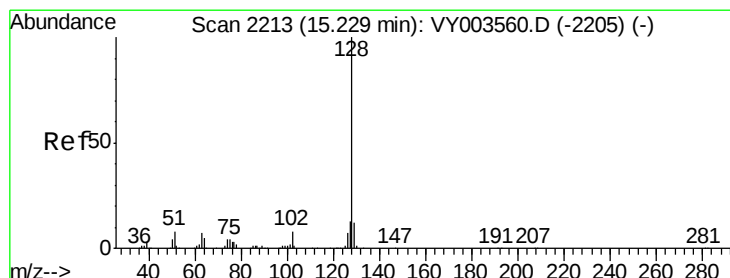
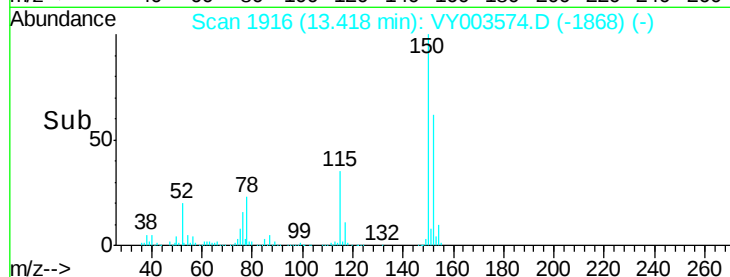
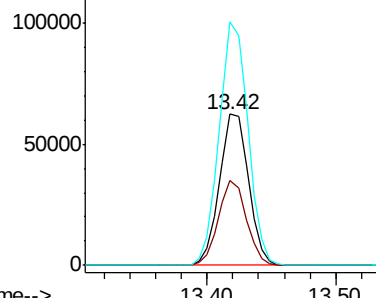
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY003574.D
Acq: 20 Nov 2020 17:40

Instrument :
MSVOA_Y
ClientSampled :
SB-06

Tot Ion:152 Resp: 97008
Ion Ratio Lower Upper
152 100
115 54.1 27.4 82.0
150 159.1 0.0 349.6



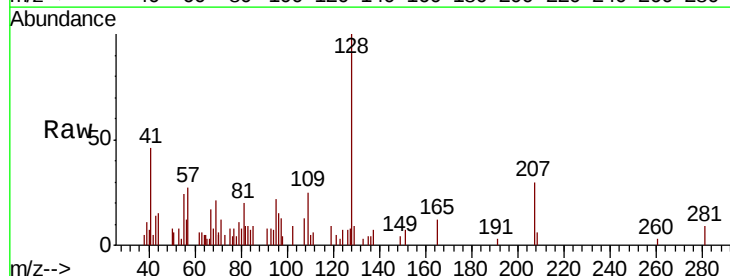
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 1.328 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY003574.D
Acq: 20 Nov 2020 17:40

Tgt Ion:128 Resp: 3283
Ion Ratio Lower Upper
128 100
127 17.3 10.3 15.5#
129 12.8 9.0 13.4



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

