

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011420\
 Data File : VY001197.D
 Acq On : 14 Jan 2020 12:35
 Operator : SY/MD
 Sample : L1004-01
 Misc : 6.41G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-RO-258

Quant Time: Jan 15 01:50:01 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

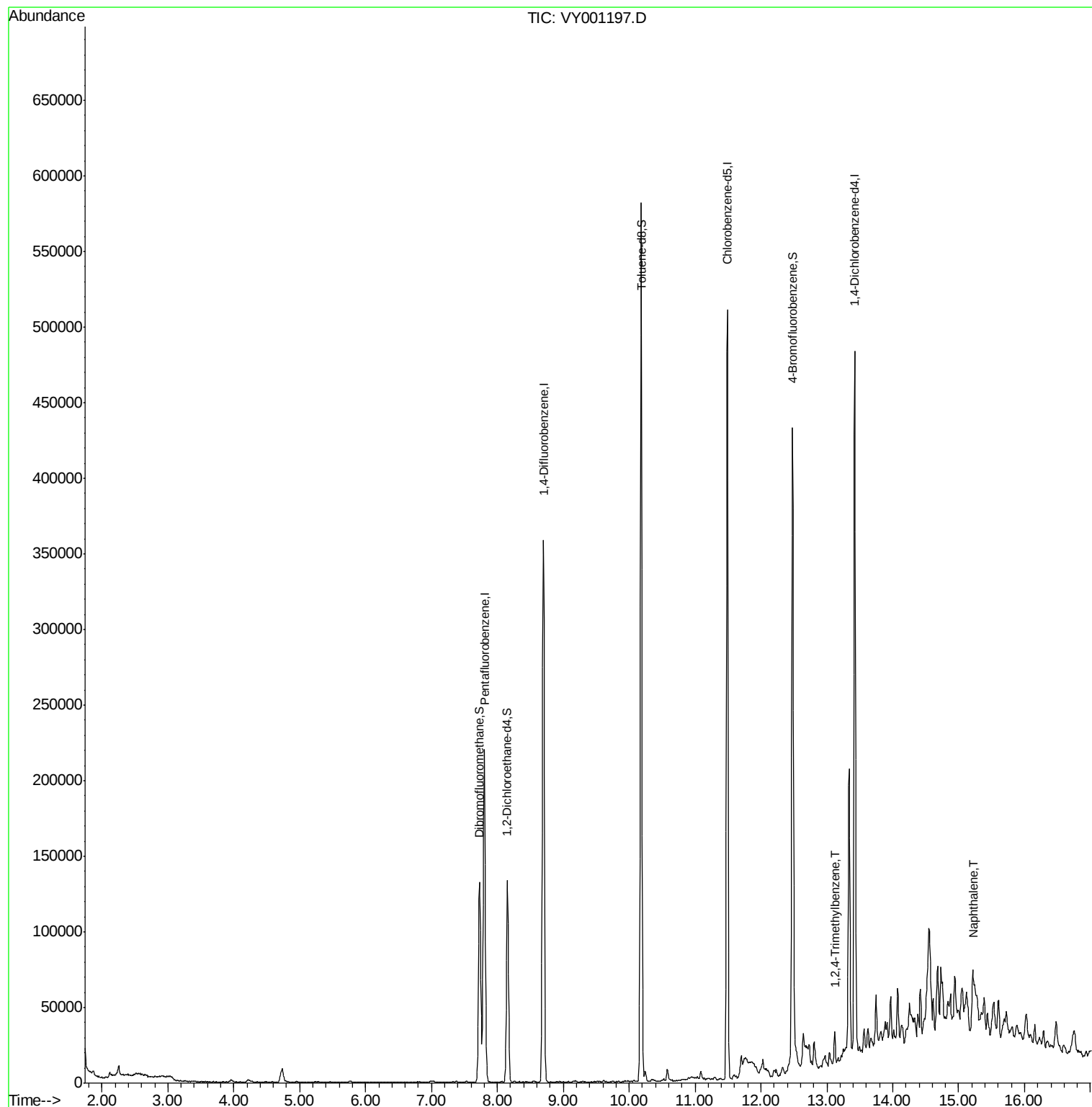
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	174079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	319525	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	279987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	114252	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	99771	54.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.54%	
35) Dibromofluoromethane	7.73	113	94467	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
50) Toluene-d8	10.18	98	375607	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.22%	
62) 4-Bromofluorobenzene	12.48	95	129443	43.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.84%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.12	105	11905	1.673	ug/l	99
95) Naphthalene	15.23	128	6109	1.194	ug/l #	76

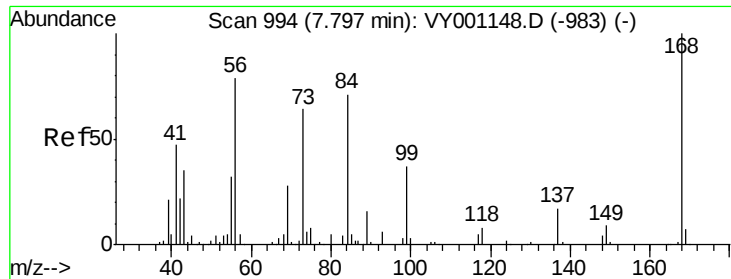
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001197.D

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Instrument :

MSVOA_Y

ClientSampleId :

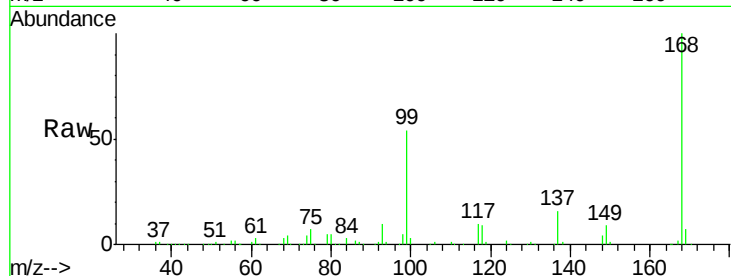
BU-RO-258

Tot Ion:168 Resp: 174079

Ion Ratio Lower Upper

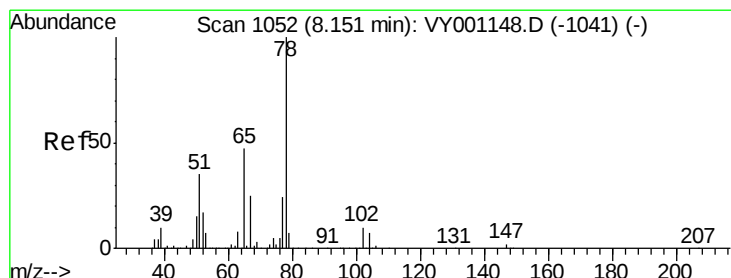
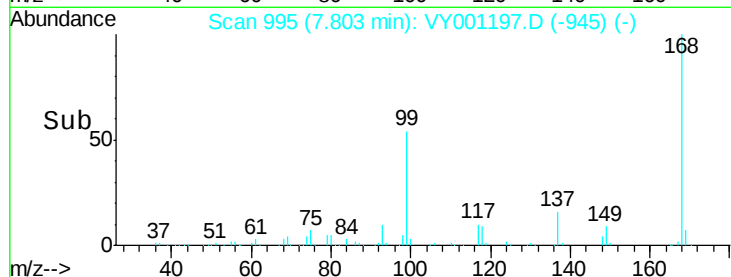
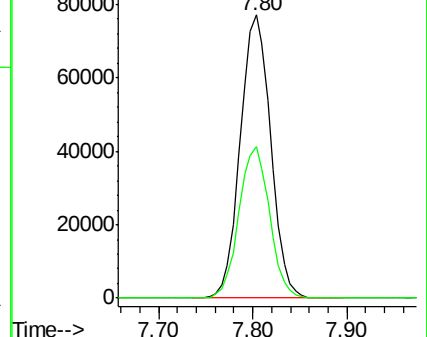
168 100

99 53.7 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) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.265 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001197.D

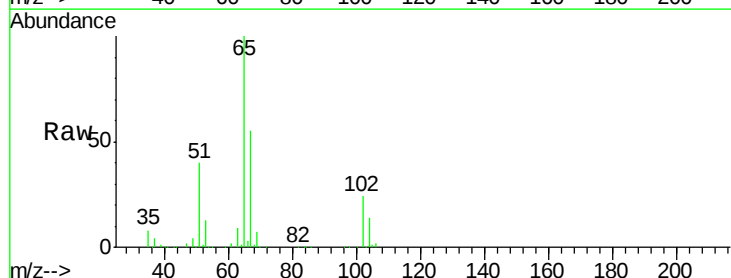
Acq: 14 Jan 2020 12:35

Tgt Ion: 65 Resp: 99771

Ion Ratio Lower Upper

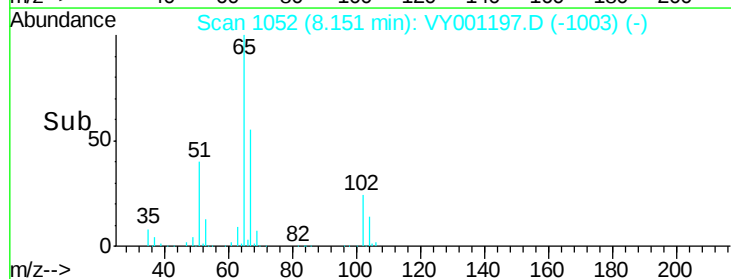
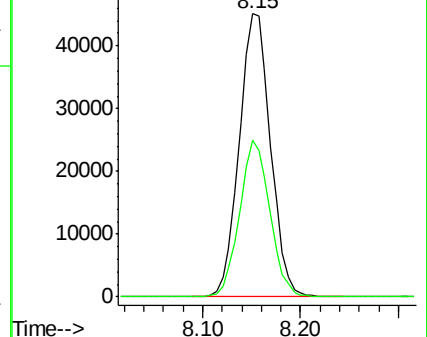
65 100

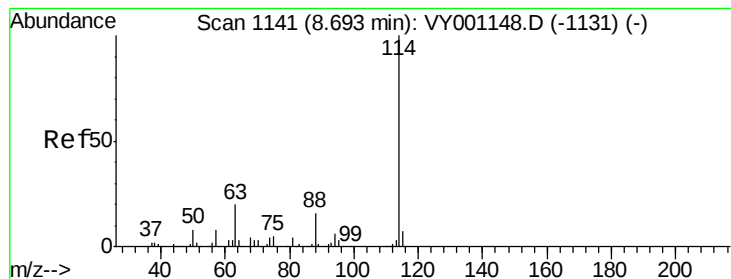
67 53.7 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY001148.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY001148.D (-1041) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001197.D

Acq: 14 Jan 2020 12:35

Instrument :

MSVOA_Y

ClientSampleId :

BU-RO-258

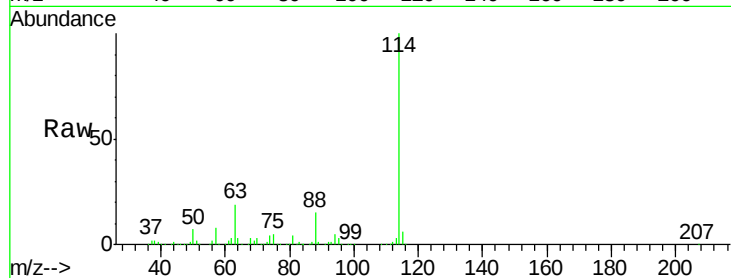
Tot Ion:114 Resp: 319525

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.8

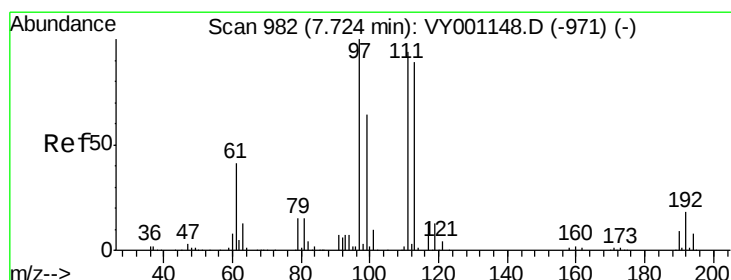
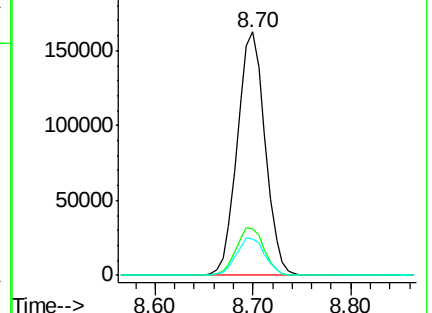
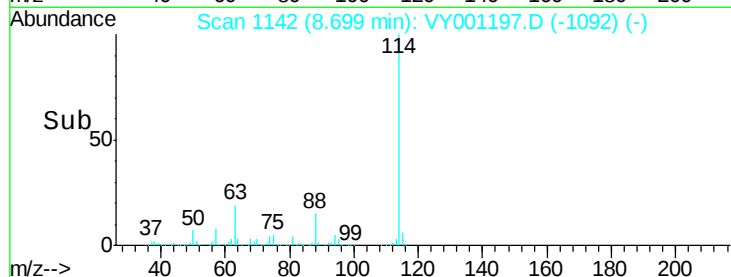
88 14.7 0.0 32.4



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



#35

Dibromofluoromethane

Concen: 50.495 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001197.D

Acq: 14 Jan 2020 12:35

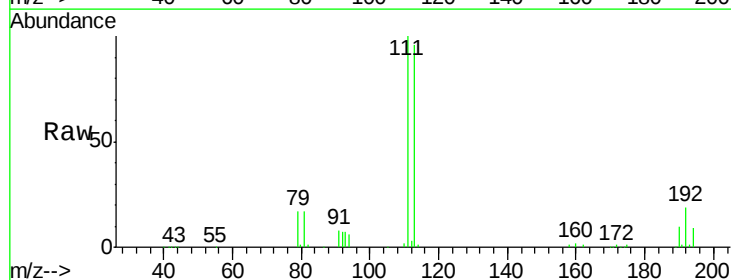
Tgt Ion:113 Resp: 94467

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

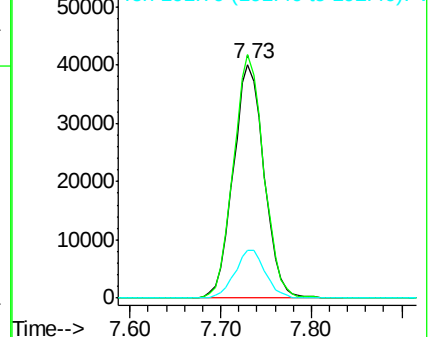
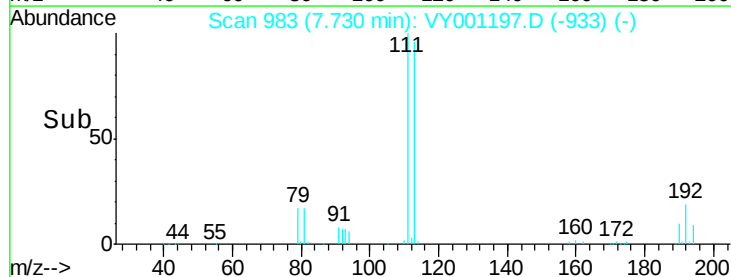
192 20.4 15.4 23.2

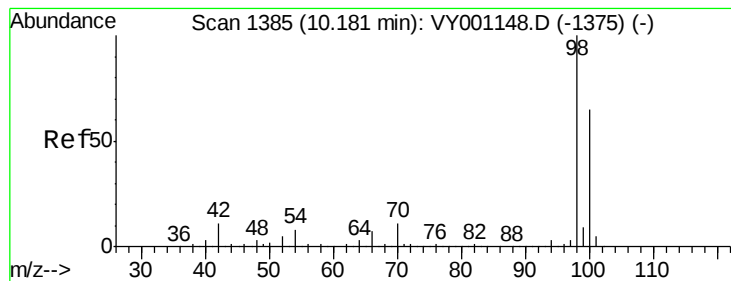


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.106 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001197.D

Acq: 14 Jan 2020 12:35

Instrument :

MSVOA_Y

ClientSampleId :

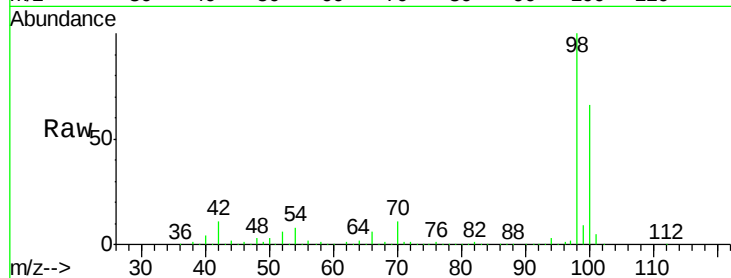
BU-RO-258

Tot Ion: 98 Resp: 375607

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

250000

200000

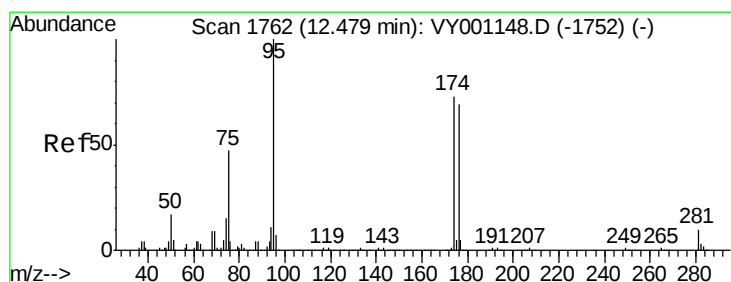
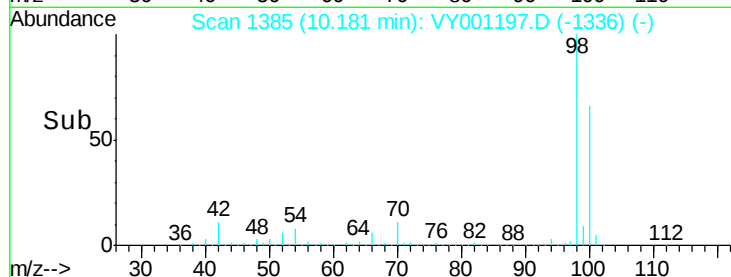
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.923 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001197.D

Acq: 14 Jan 2020 12:35

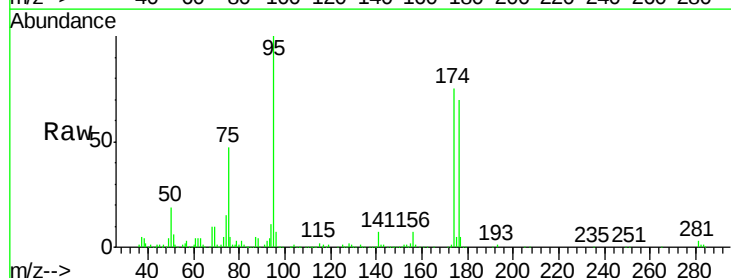
Tgt Ion: 95 Resp: 129443

Ion Ratio Lower Upper

95 100

174 76.3 0.0 143.2

176 72.7 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

12.48

100000

80000

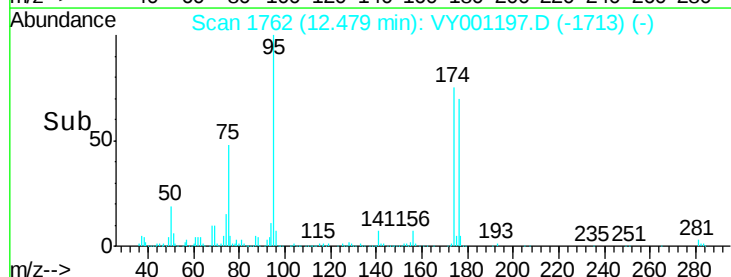
60000

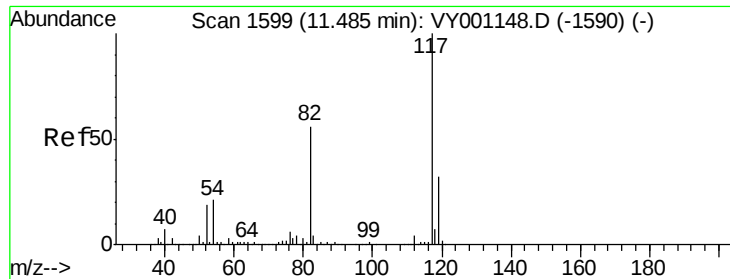
40000

20000

0

Time-->

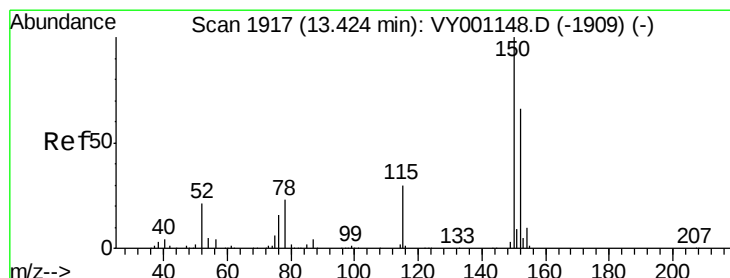
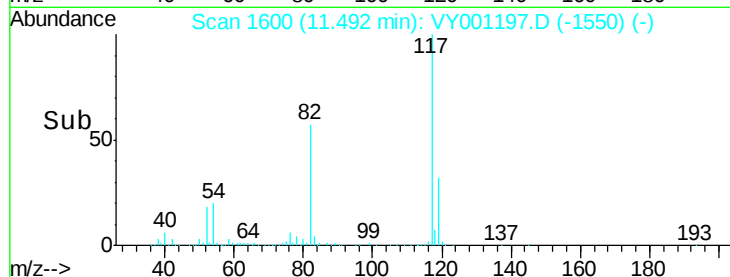
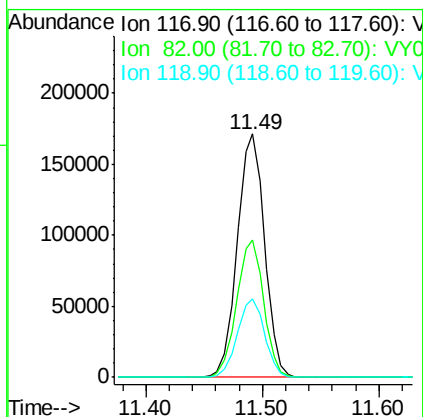
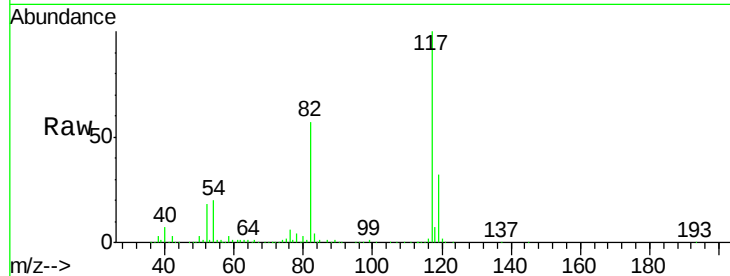




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001197.D
Acq: 14 Jan 2020 12:35

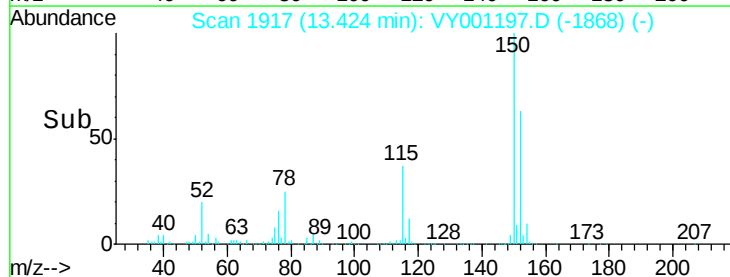
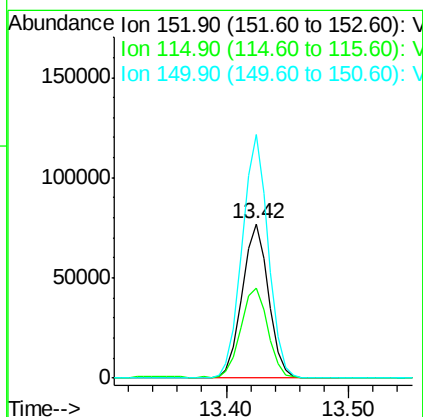
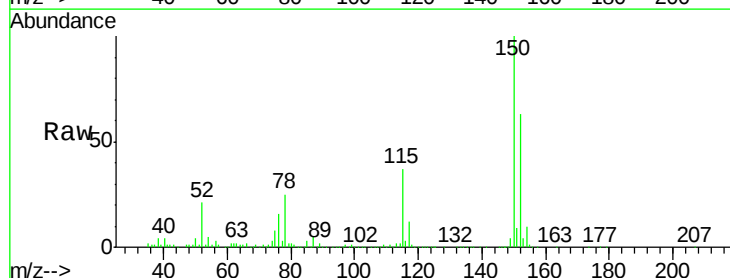
Instrument :
MSVOA_Y
ClientSampleId :
BU-RO-258

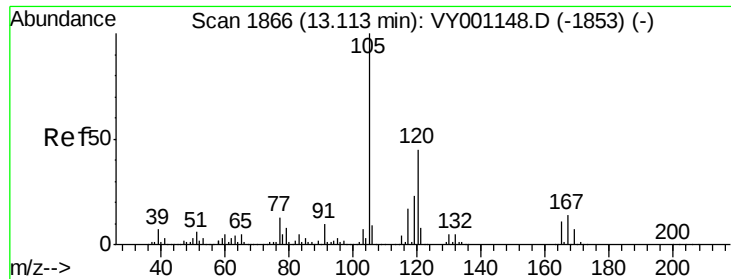
Tot Ion:117 Resp: 279987
Ion Ratio Lower Upper
117 100
82 56.6 44.9 67.3
119 32.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY001197.D
Acq: 14 Jan 2020 12:35

Tgt Ion:152 Resp: 114252
Ion Ratio Lower Upper
152 100
115 60.3 30.9 92.5
150 156.8 0.0 346.8

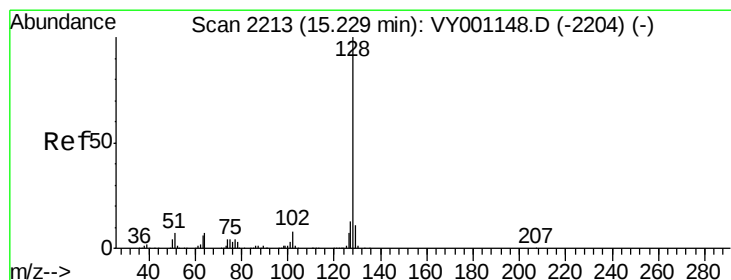
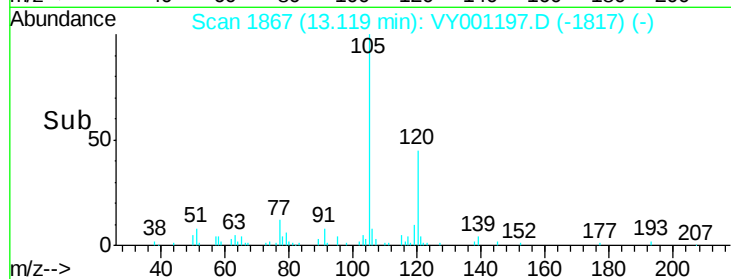
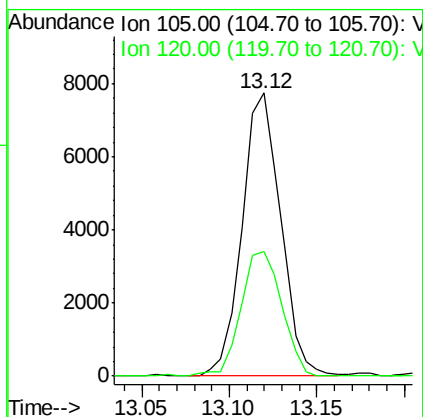
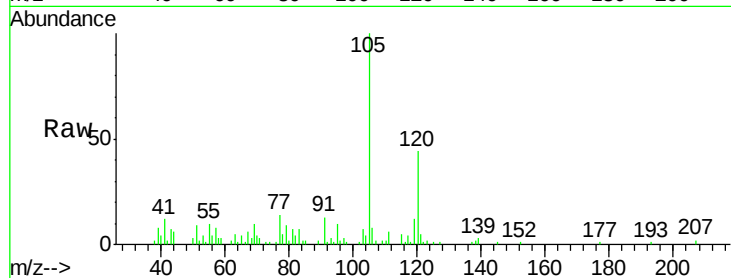




#84
 1,2,4-Trimethylbenzene
 Concen: 1.673 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.01 min
 Lab File: VY001197.D
 Acq: 14 Jan 2020 12:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-RO-258

Tot Ion:105 Resp: 11905
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.8 68.3



#95
 Naphthalene
 Concen: 1.194 ug/l
 RT: 15.23 min Scan# 2214
 Delta R.T. 0.01 min
 Lab File: VY001197.D
 Acq: 14 Jan 2020 12:35

Tgt Ion:128 Resp: 6109
 Ion Ratio Lower Upper
 128 100
 127 20.1 10.2 15.4#
 129 22.1 8.5 12.7#

