

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011420\
 Data File : VY001198.D
 Acq On : 14 Jan 2020 12:57
 Operator : SY/MD
 Sample : L1004-04
 Misc : 6.84G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-RO-234

Quant Time: Jan 15 01:52:03 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

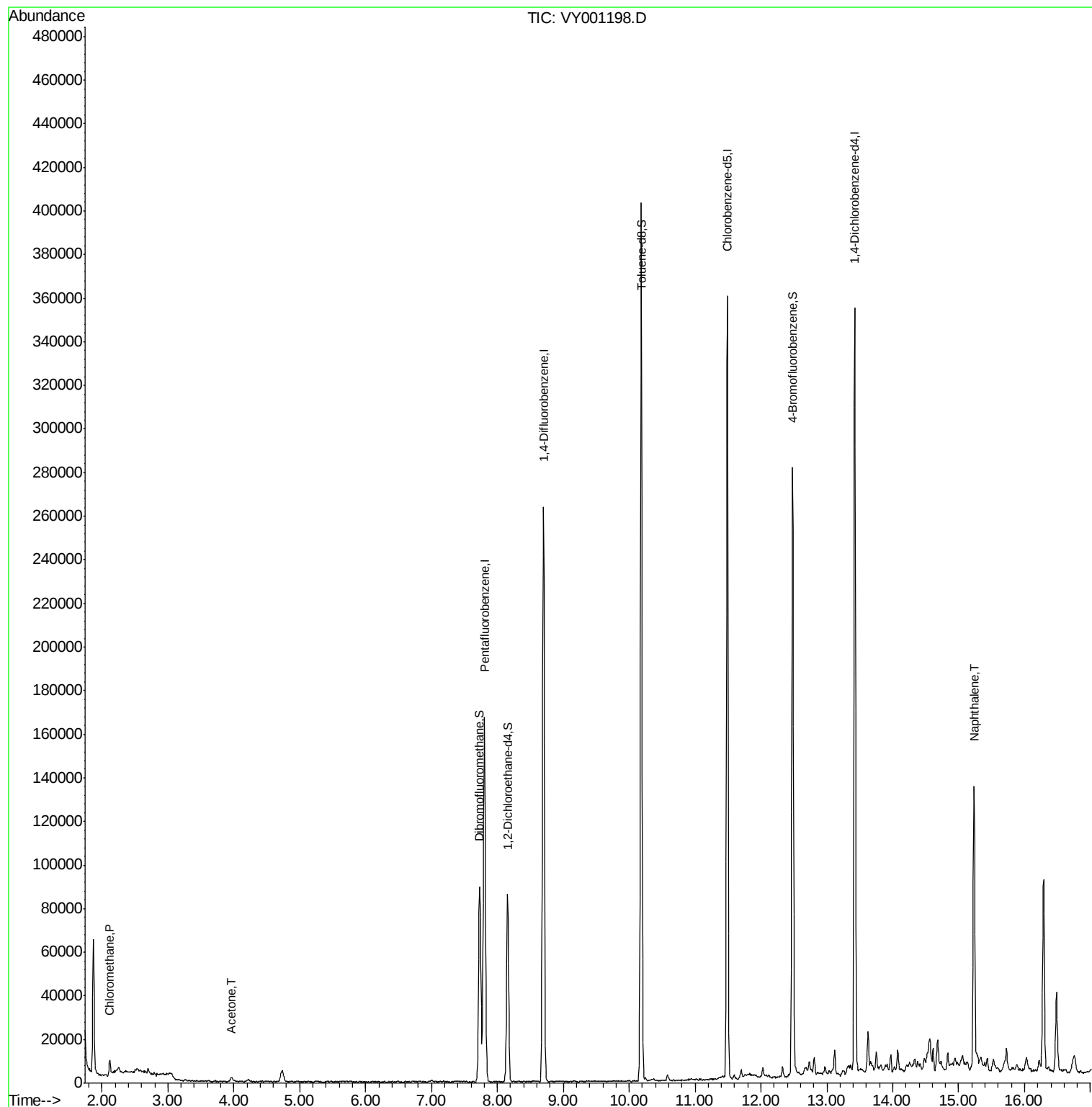
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	132082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	229074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	196505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	87840	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	64981	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
35) Dibromofluoromethane	7.73	113	65618	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
50) Toluene-d8	10.18	98	266244	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.48	95	91463	43.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.58%	
Target Compounds						
3) Chloromethane	2.12	50	5123	3.504	ug/l	95
16) Acetone	3.96	43	3690	11.390	ug/l #	88
95) Naphthalene	15.23	128	102773	26.125	ug/l	99

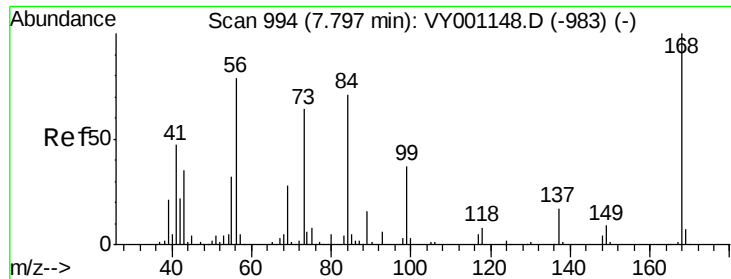
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001198.D

Acq: 14 Jan 2020 12:57

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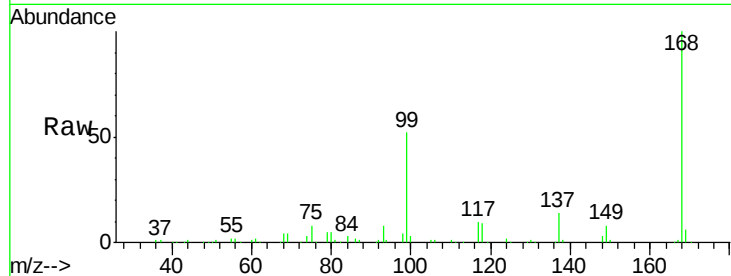
BU-RO-234

Tot Ion:168 Resp: 132082

Ion Ratio Lower Upper

168 100

99 51.9 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001198.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY001198.D (-945) (-)

7.80

60000

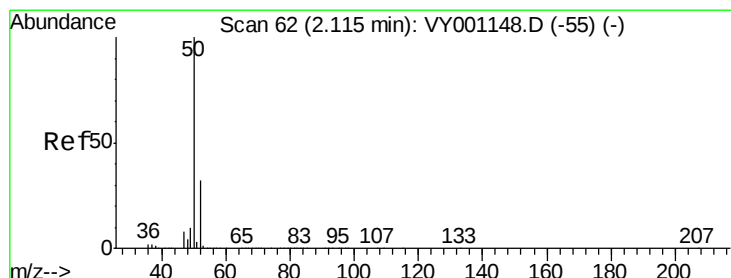
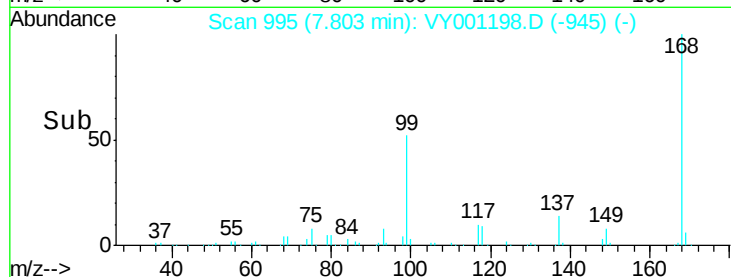
40000

20000

0

Time-->

7.70 7.80 7.90



#3

Chloromethane

Concen: 3.504 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY001198.D

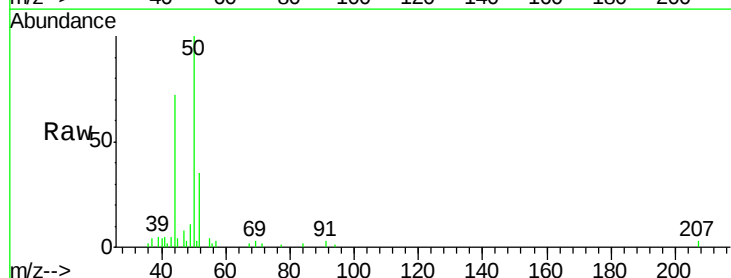
Acq: 14 Jan 2020 12:57

Tgt Ion: 50 Resp: 5123

Ion Ratio Lower Upper

50 100

52 35.0 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY001198.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY001198.D (-13) (-)

2.12

4000

3000

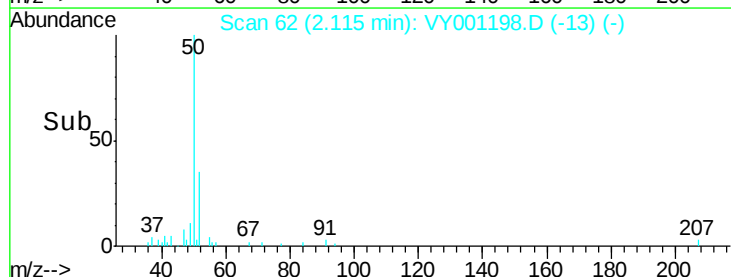
2000

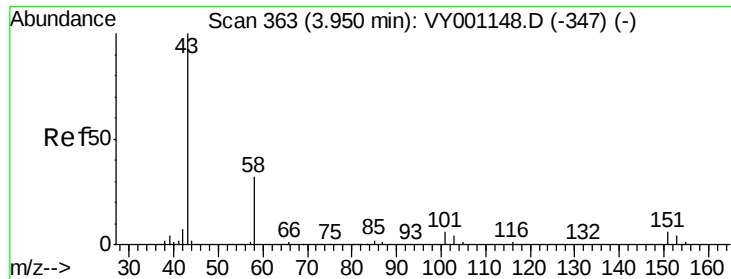
1000

0

Time-->

2.05 2.10 2.15





#16

Acetone

Concen: 11.390 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001198.D

Acq: 14 Jan 2020 12:57

Instrument :

MSVOA_Y

ClientSampleId :

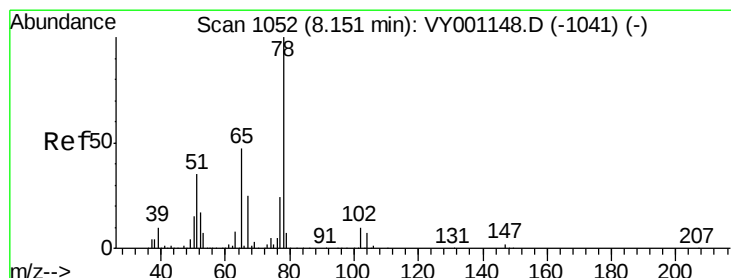
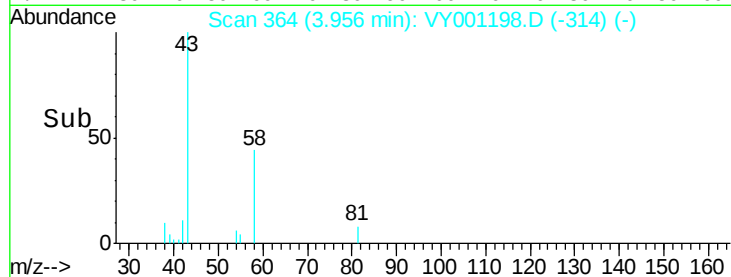
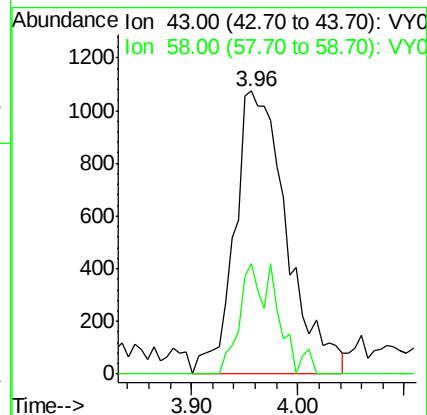
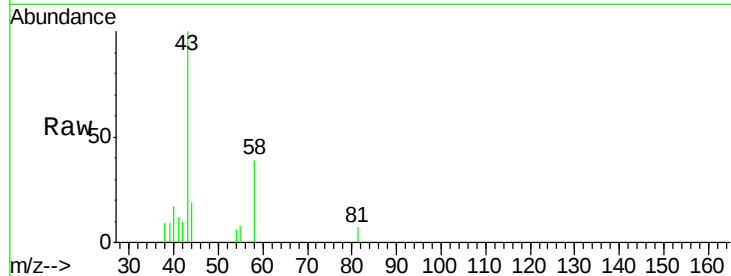
BU-RO-234

Tot Ion: 43 Resp: 3690

Ion Ratio Lower Upper

43 100

58 39.0 25.8 38.6#



#33

1,2-Dichloroethane-d4

Concen: 46.581 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001198.D

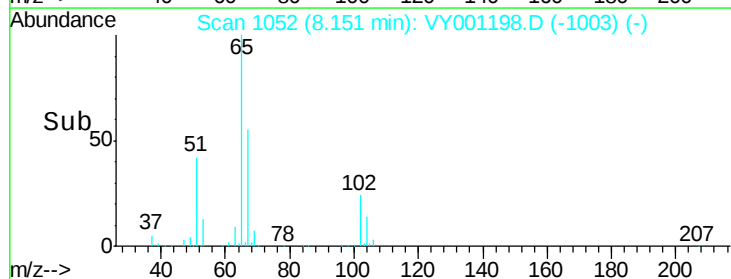
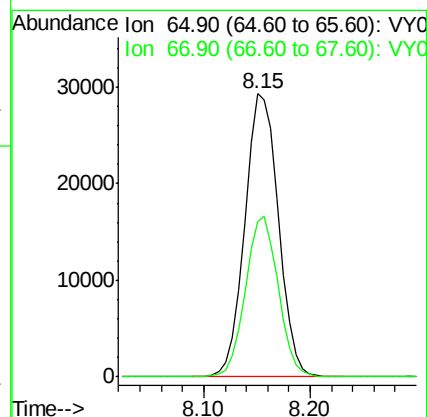
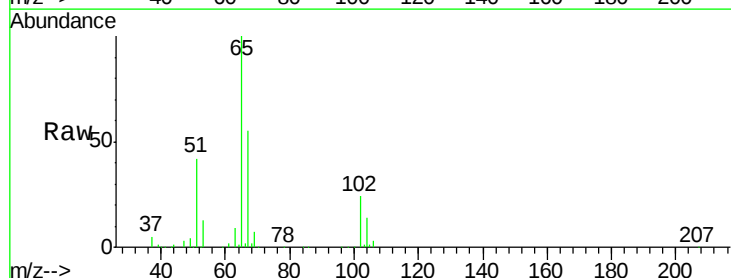
Acq: 14 Jan 2020 12:57

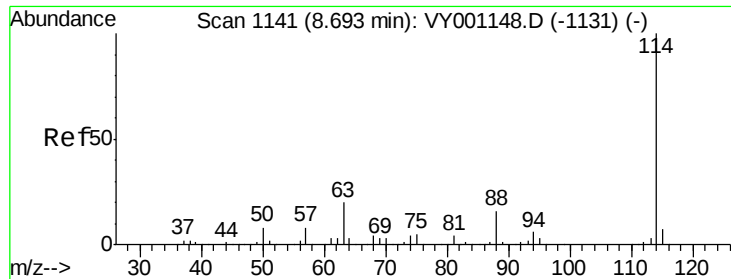
Tgt Ion: 65 Resp: 64981

Ion Ratio Lower Upper

65 100

67 55.3 0.0 105.2

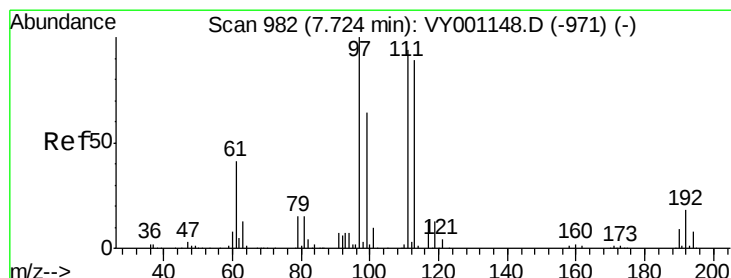
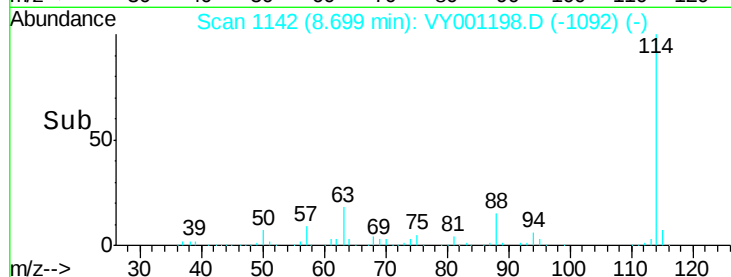
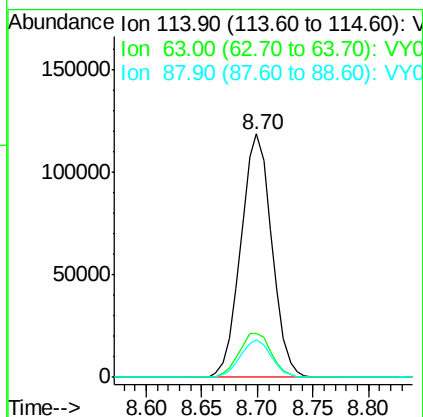
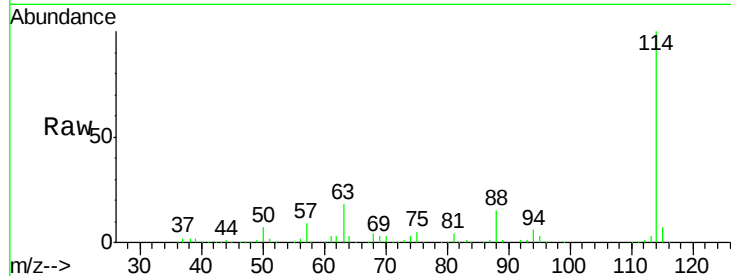




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001198.D
 Acq: 14 Jan 2020 12:57

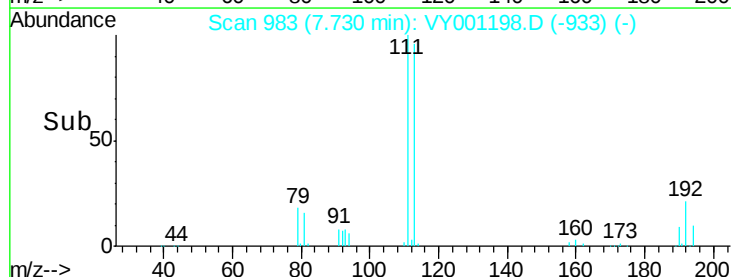
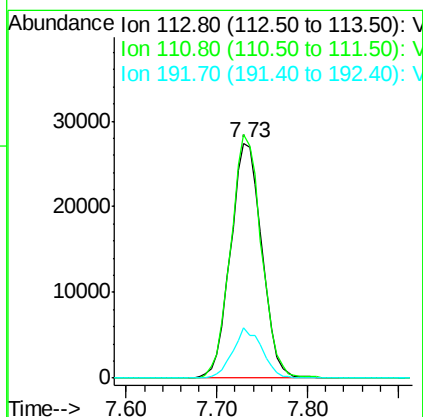
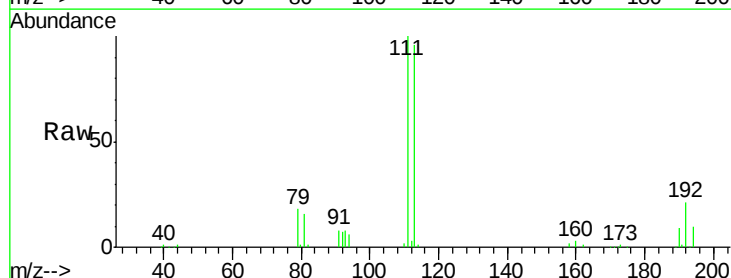
Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-RO-234

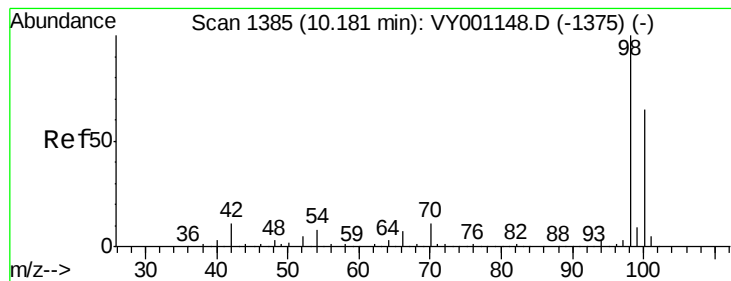
Tot Ion:114 Resp: 229074
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 40.8
 88 15.4 0.0 32.4



#35
 Dibromofluoromethane
 Concen: 48.924 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001198.D
 Acq: 14 Jan 2020 12:57

Tgt Ion:113 Resp: 65618
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.9 124.3
 192 20.1 15.4 23.2





#50

Toluene-d8

Concen: 51.518 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001198.D

Acq: 14 Jan 2020 12:57

Instrument :

MSVOA_Y

ClientSampleId :

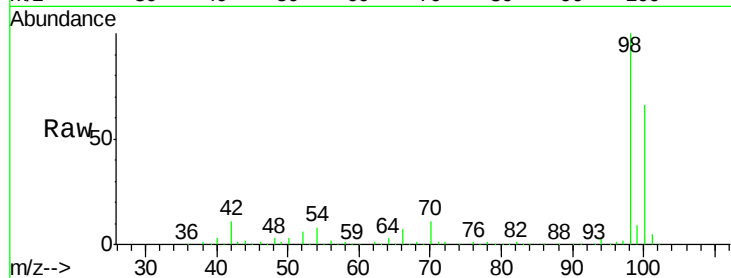
BU-RO-234

Tot Ion: 98 Resp: 266244

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.18

150000

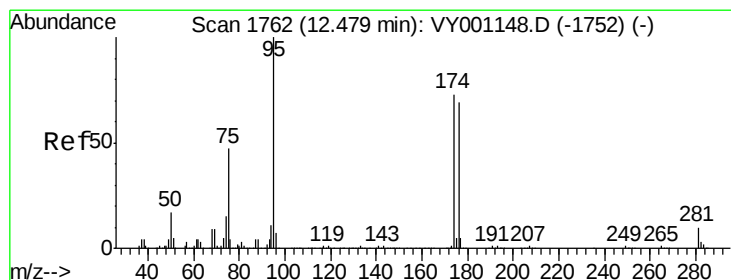
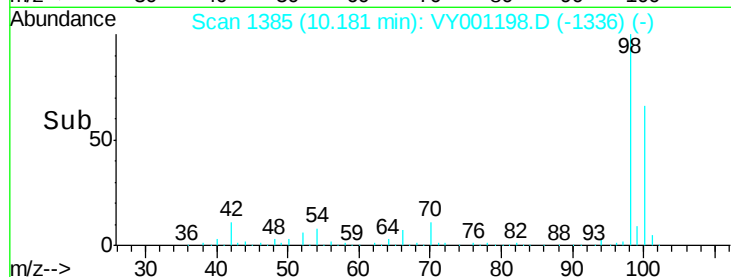
100000

50000

0

Time-->

10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 43.290 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY001198.D

Acq: 14 Jan 2020 12:57

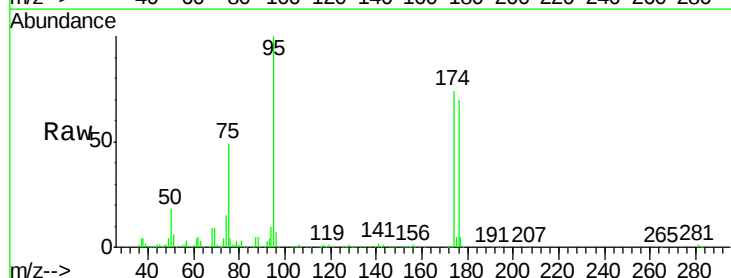
Tgt Ion: 95 Resp: 91463

Ion Ratio Lower Upper

95 100

174 75.0 0.0 143.2

176 72.3 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

12.48

80000

60000

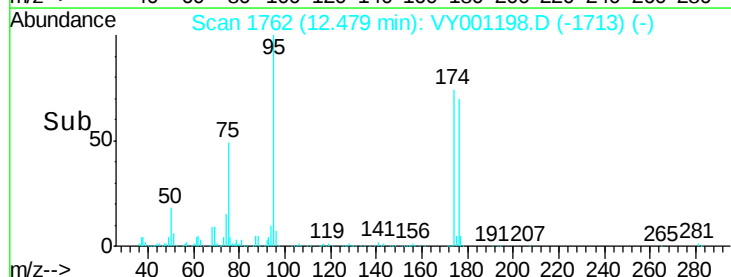
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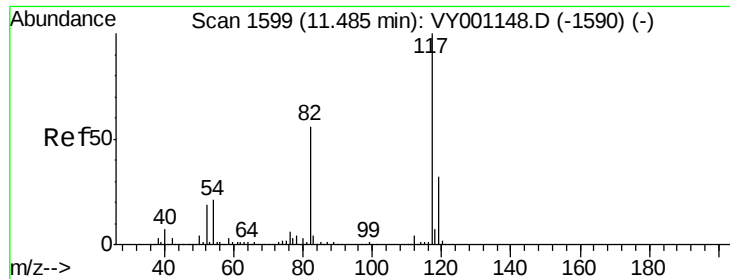
20000

0

Time-->

12.40 12.50

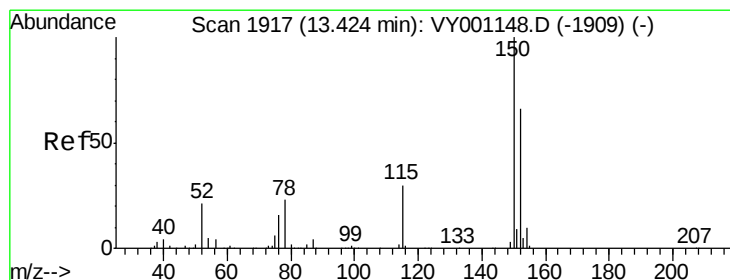
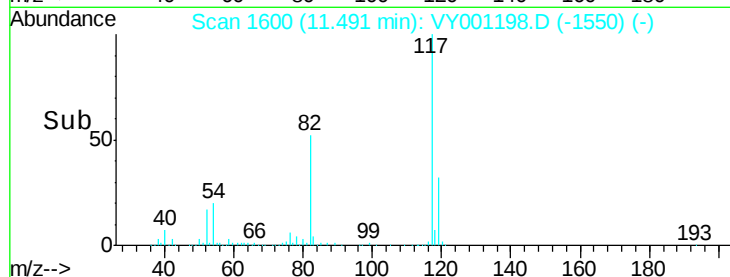
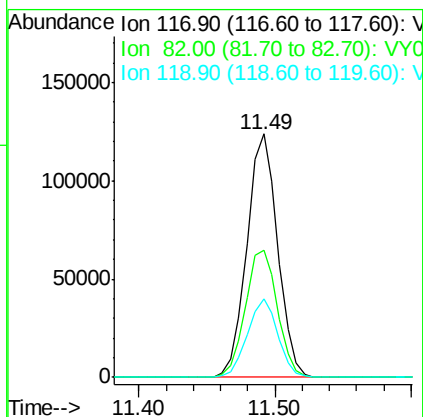
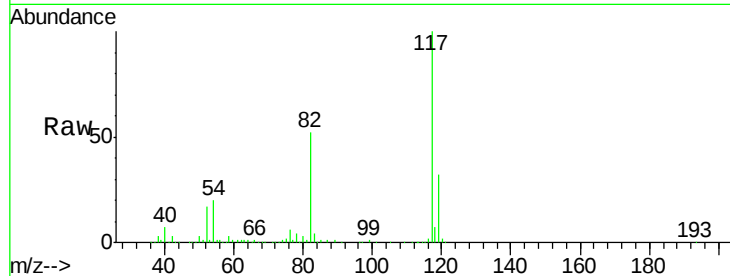




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001198.D
Acq: 14 Jan 2020 12:57

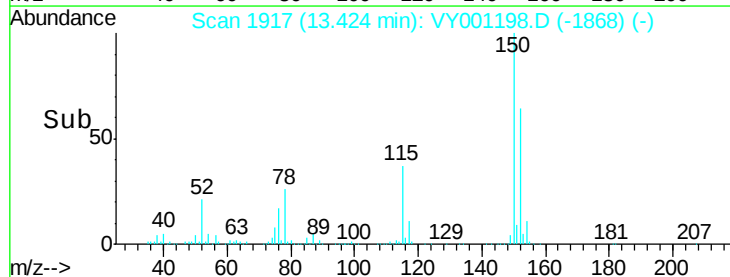
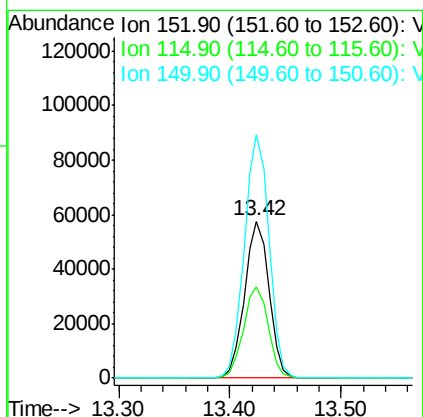
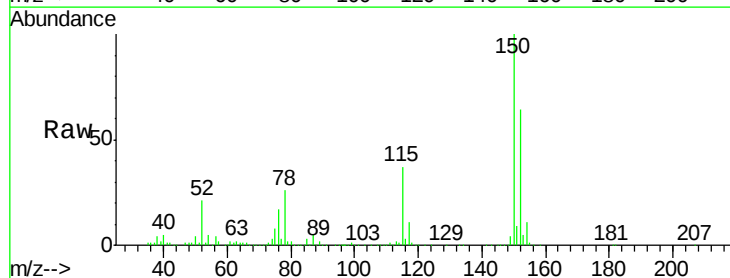
Instrument :
MSVOA_Y
ClientSampleId :
BU-RO-234

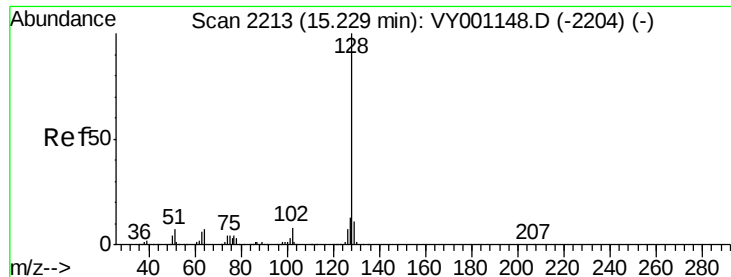
Tot Ion:117 Resp: 196505
Ion Ratio Lower Upper
117 100
82 52.3 44.9 67.3
119 32.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001198.D
Acq: 14 Jan 2020 12:57

Tgt Ion:152 Resp: 87840
Ion Ratio Lower Upper
152 100
115 59.3 30.9 92.5
150 156.1 0.0 346.8

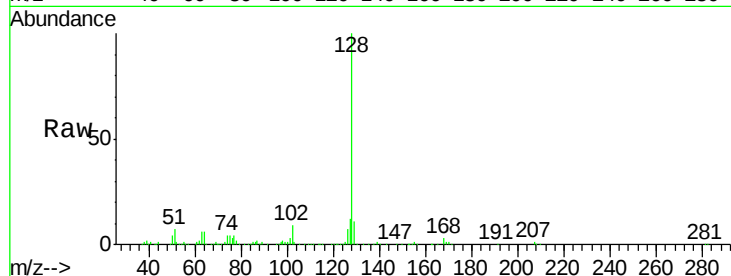




#95
 Naphthalene
 Concen: 26.125 ug/l
 RT: 15.23 min Scan# 2214
 Delta R.T. 0.01 min
 Lab File: VY001198.D
 Acq: 14 Jan 2020 12:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-RO-234

Tot Ion:128 Resp: 102773
 Ion Ratio Lower Upper
 128 100
 127 12.3 10.2 15.4
 129 11.1 8.5 12.7



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

