

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011320\
 Data File : VY001186.D
 Acq On : 13 Jan 2020 17:38
 Operator : SY/MD
 Sample : L1004-07
 Misc : 6.89G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-RO-229

Quant Time: Jan 14 11:24:54 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

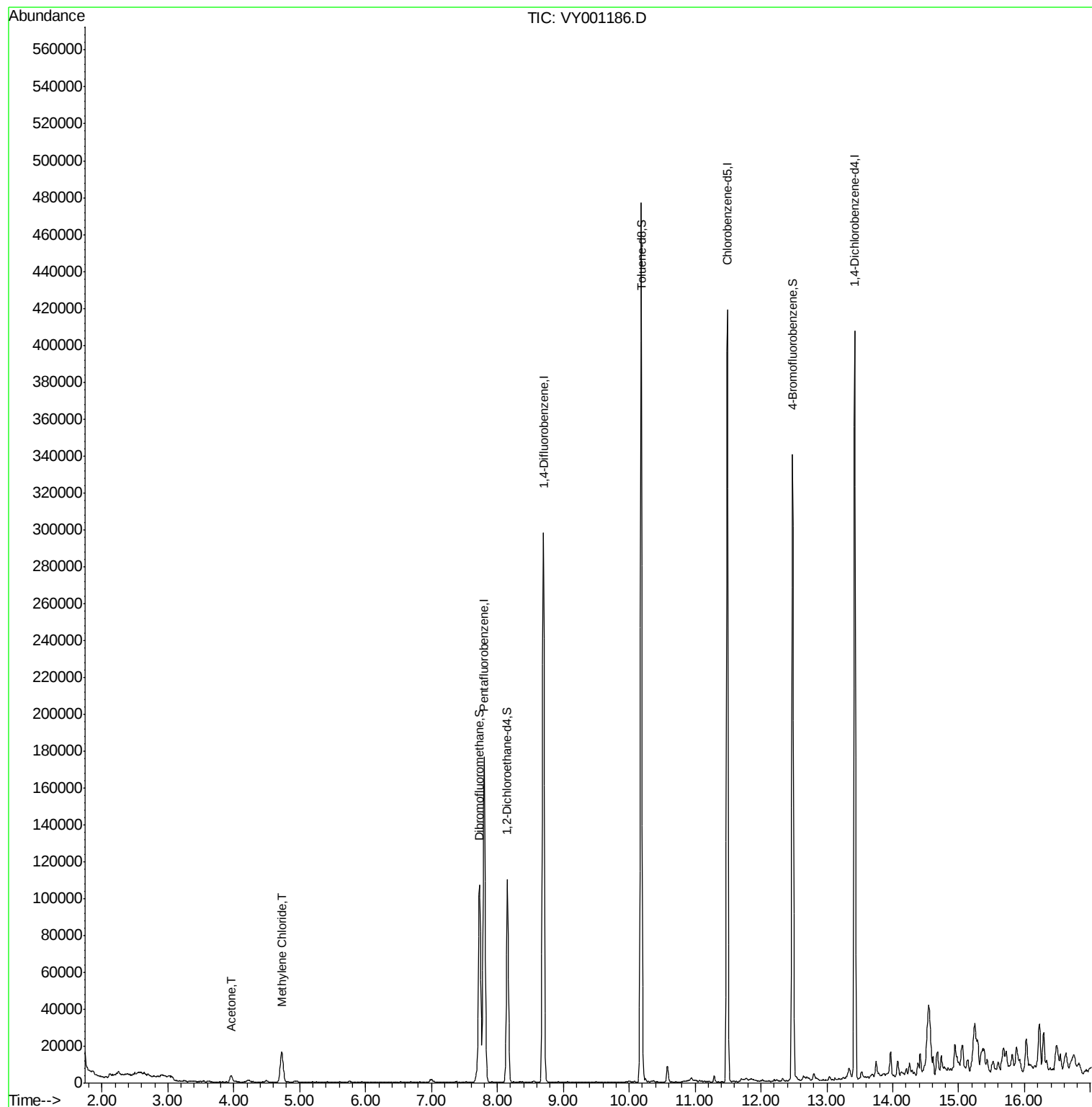
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	141926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	261121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	233768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	97482	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	80998	54.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.08%	
35) Dibromofluoromethane	7.73	113	78454	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
50) Toluene-d8	10.18	98	307492	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
62) 4-Bromofluorobenzene	12.48	95	109009	45.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.52%	
Target Compounds						
16) Acetone	3.96	43	6089	17.491	ug/l	98
20) Methylene Chloride	4.73	84	12916	2.741	ug/l	97

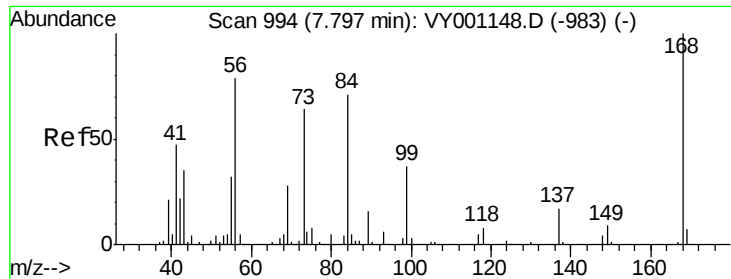
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001186.D

Acq: 13 Jan 2020 17:38

Instrument :

MSVOA_Y

ClientSampleId :

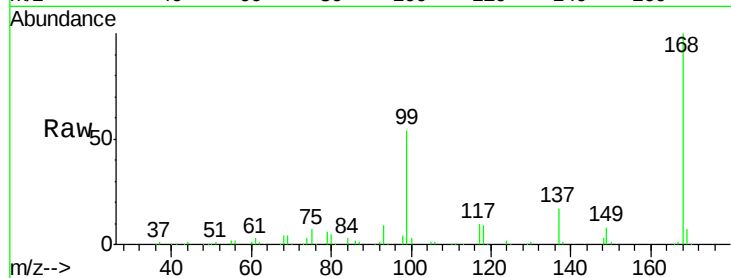
BU-RO-229

Tot Ion:168 Resp: 141926

Ion Ratio Lower Upper

168 100

99 54.1 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001186.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY001186.D (-945) (-)

7.80

60000

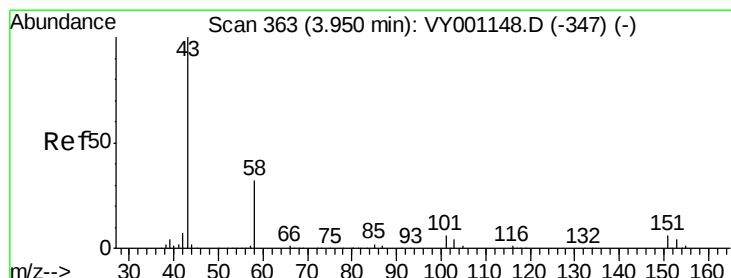
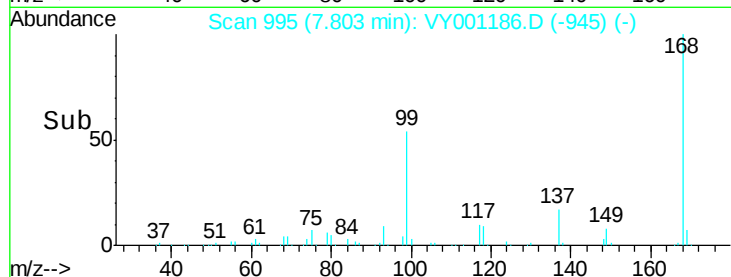
40000

20000

0

Time-->

7.70 7.80 7.90



#16

Acetone

Concen: 17.491 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001186.D

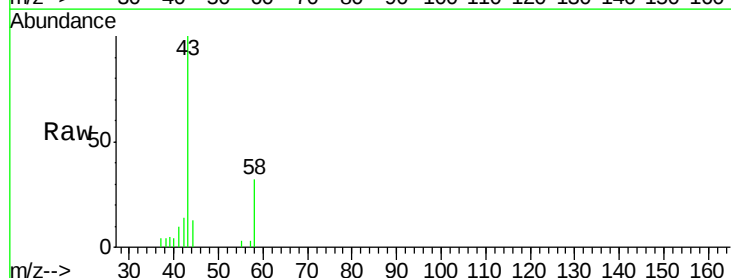
Acq: 13 Jan 2020 17:38

Tgt Ion: 43 Resp: 6089

Ion Ratio Lower Upper

43 100

58 33.1 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001186.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY001186.D (-314) (-)

3.96

2000

1500

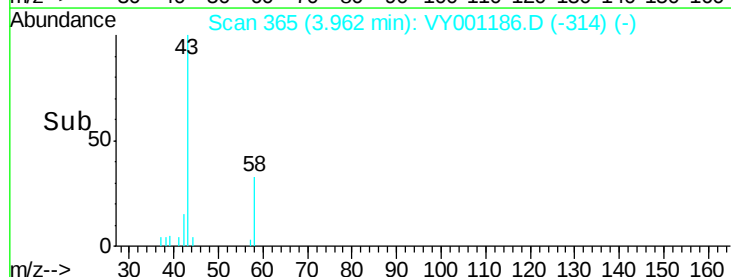
1000

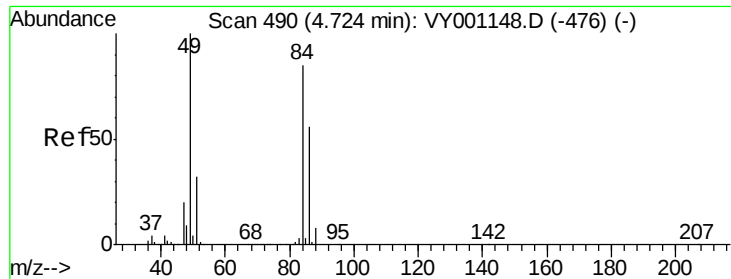
500

0

Time-->

3.85 3.90 3.95 4.00 4.05

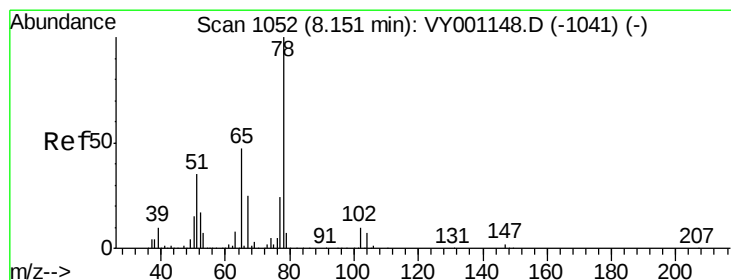
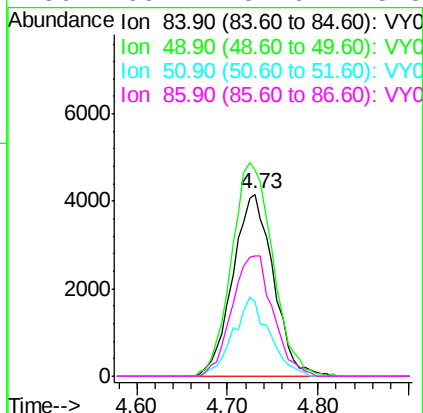
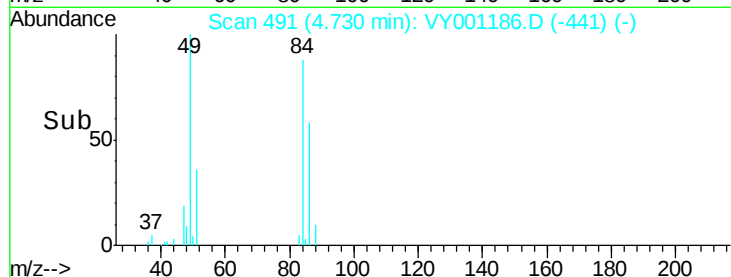
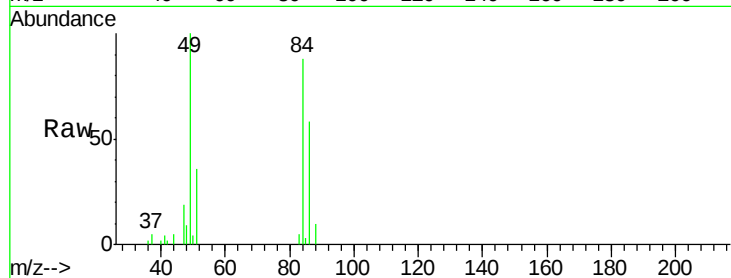




#20
Methvlene Chloride
Concen: 2.741 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY001186.D
Acq: 13 Jan 2020 17:38

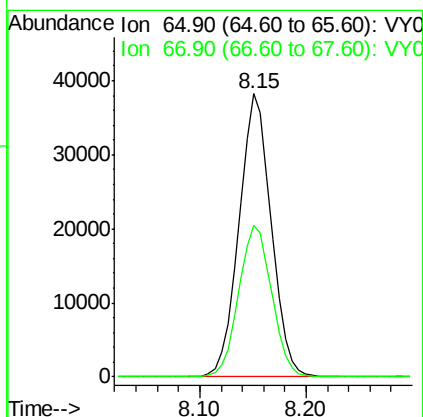
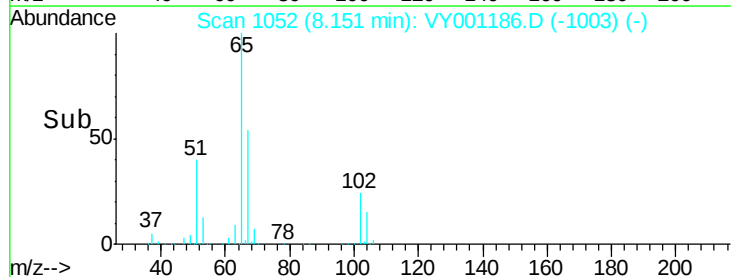
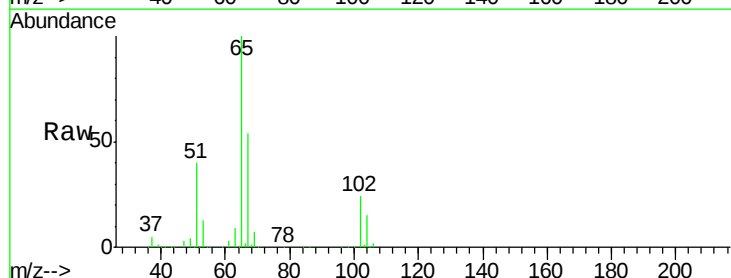
Instrument :
MSVOA_Y
ClientSampleId :
BU-RO-229

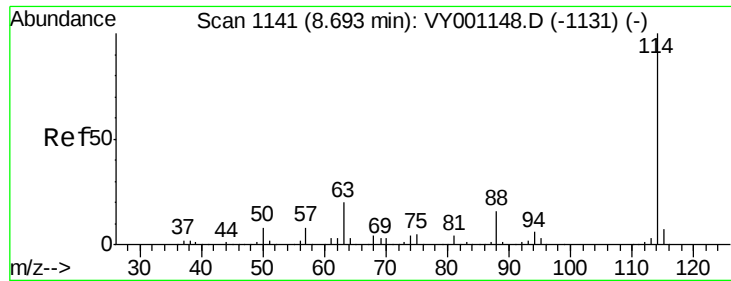
Tot Ion:	84	Resp:	12916
Ion	Ratio	Lower	Upper
84	100		
49	113.2	93.8	140.6
51	40.7	29.9	44.9
86	65.7	52.6	78.8



#33
1,2-Dichloroethane-d4
Concen: 54.035 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY001186.D
Acq: 13 Jan 2020 17:38

Tgt Ion:	65	Resp:	80998
Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	105.2

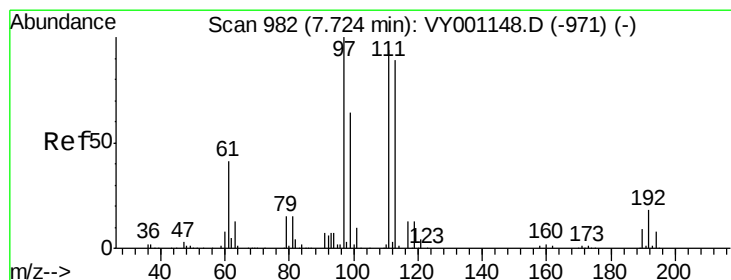
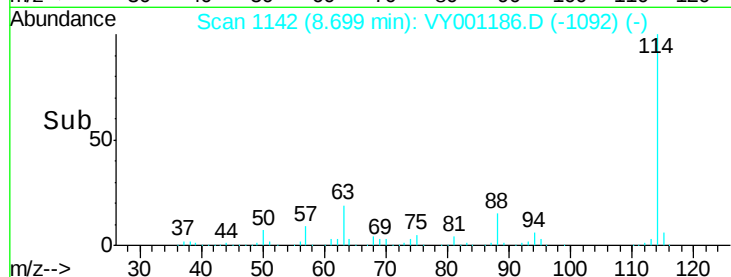
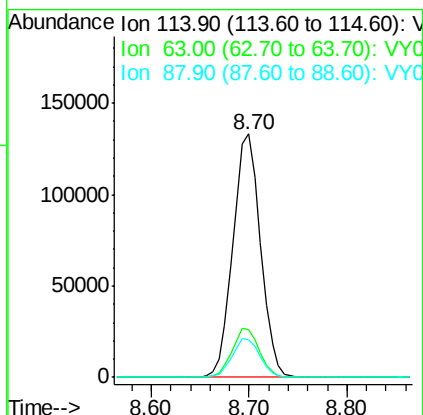
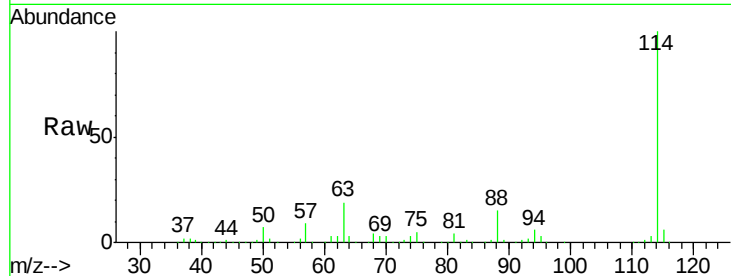




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001186.D
 Acq: 13 Jan 2020 17:38

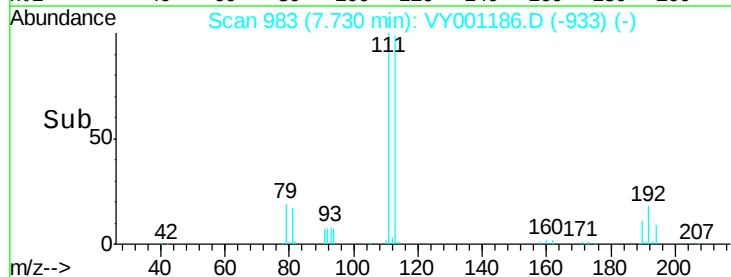
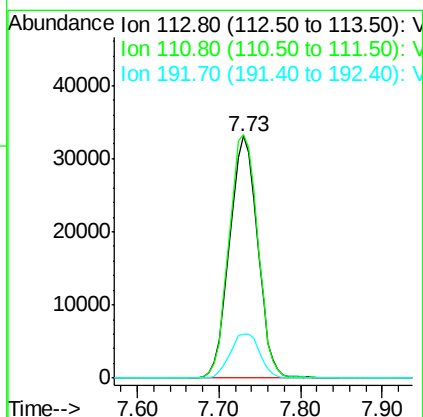
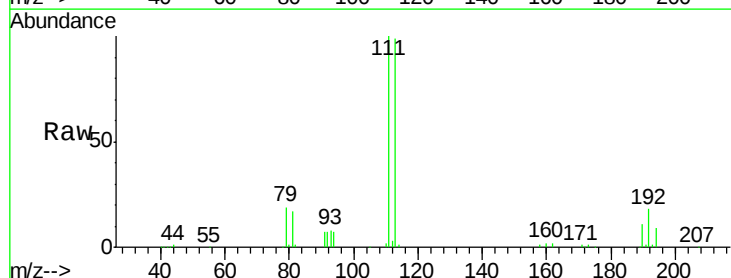
Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-RO-229

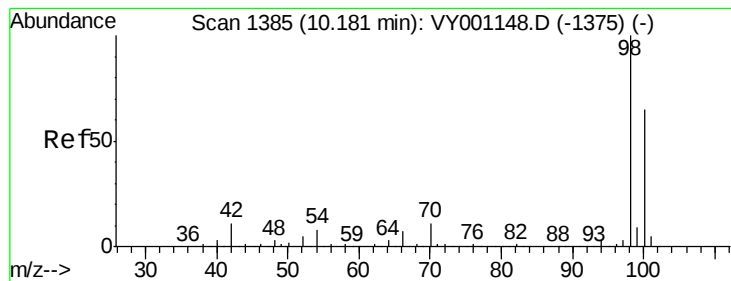
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.8
88	15.5	0.0	32.4



#35
 Dibromofluoromethane
 Concen: 51.315 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001186.D
 Acq: 13 Jan 2020 17:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.9	124.3
192	19.4	15.4	23.2





#50

Toluene-d8

Concen: 52.198 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001186.D

Acq: 13 Jan 2020 17:38

Instrument :

MSVOA_Y

ClientSampleId :

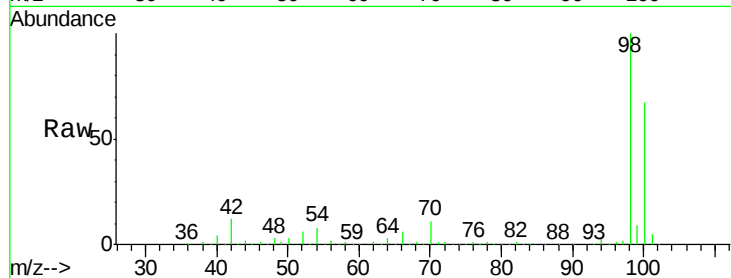
BU-RO-229

Tot Ion: 98 Resp: 307492

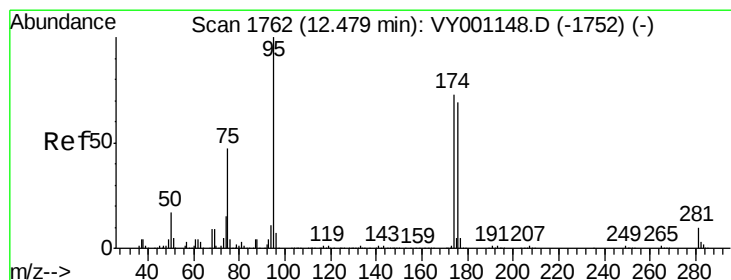
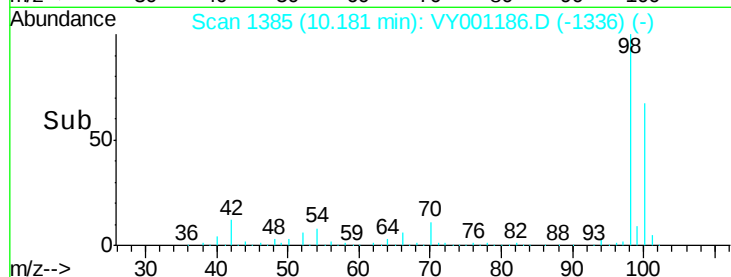
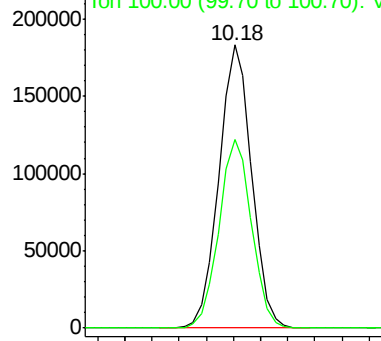
Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY001186.D (-1336) (-)



#62

4-Bromofluorobenzene

Concen: 45.262 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY001186.D

Acq: 13 Jan 2020 17:38

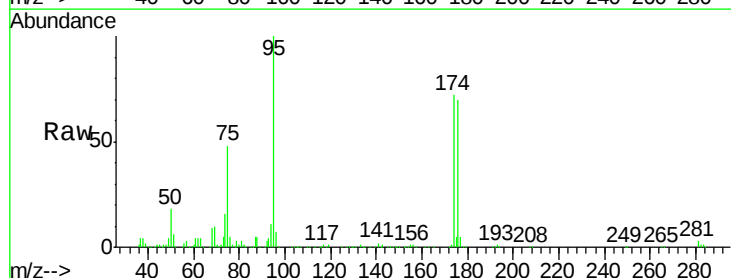
Tgt Ion: 95 Resp: 109009

Ion Ratio Lower Upper

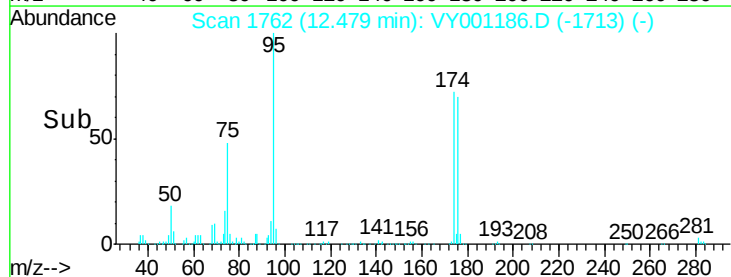
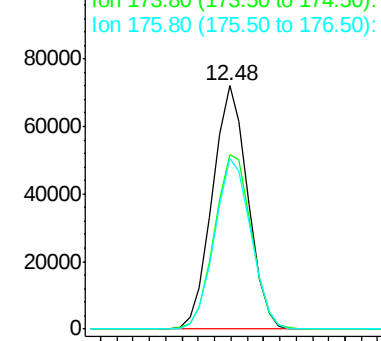
95 100

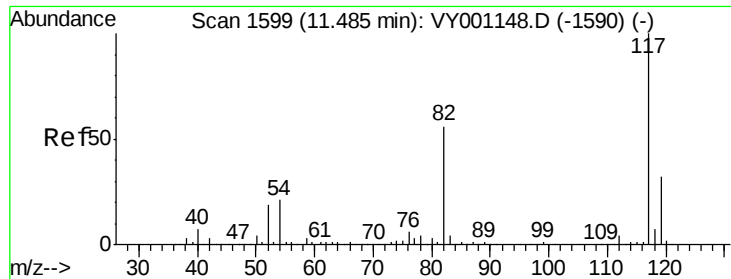
174 75.0 0.0 143.2

176 72.0 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY001186.D (-1713) (-)

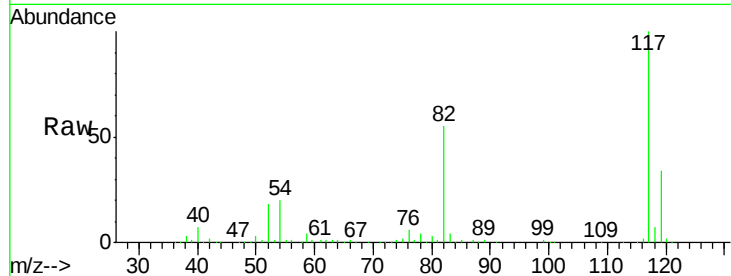




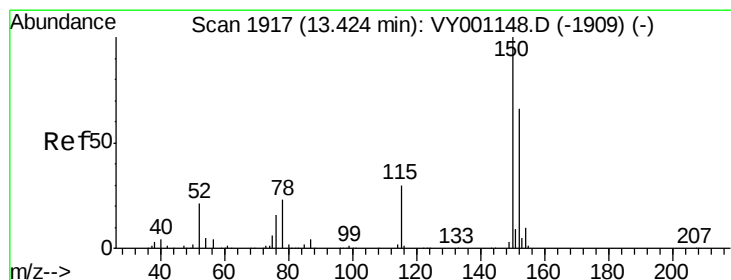
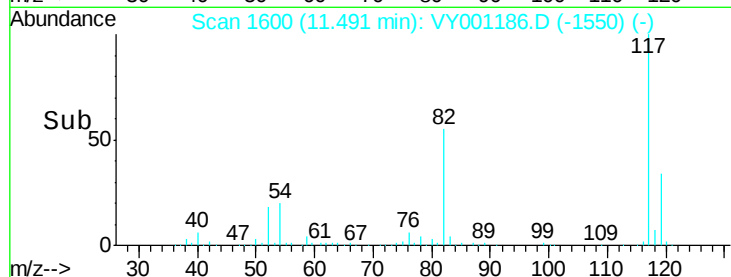
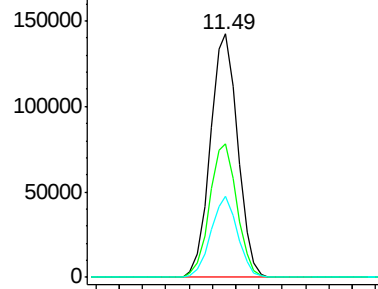
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001186.D
Acq: 13 Jan 2020 17:38

Instrument :
MSVOA_Y
ClientSampled :
BU-RO-229

Tot Ion:117 Resp: 233768
Ion Ratio Lower Upper
117 100
82 54.7 44.9 67.3
119 33.5 25.7 38.5

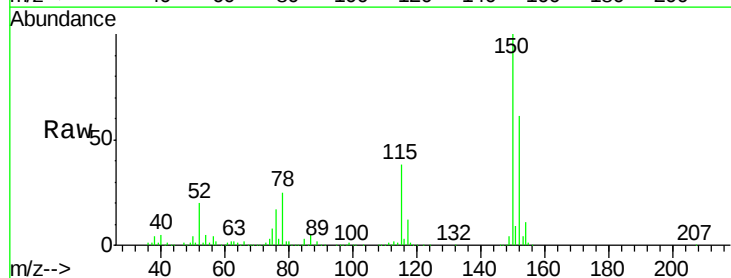


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001186.D
Acq: 13 Jan 2020 17:38

Tgt Ion:152 Resp: 97482
Ion Ratio Lower Upper
152 100
115 61.1 30.9 92.5
150 160.3 0.0 346.8



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

