

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011020\
 Data File : VY001157.D
 Acq On : 10 Jan 2020 19:11
 Operator : SY/MD
 Sample : L1054-05
 Misc : 7.94G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-03-3-4

Quant Time: Jan 11 03:20:25 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

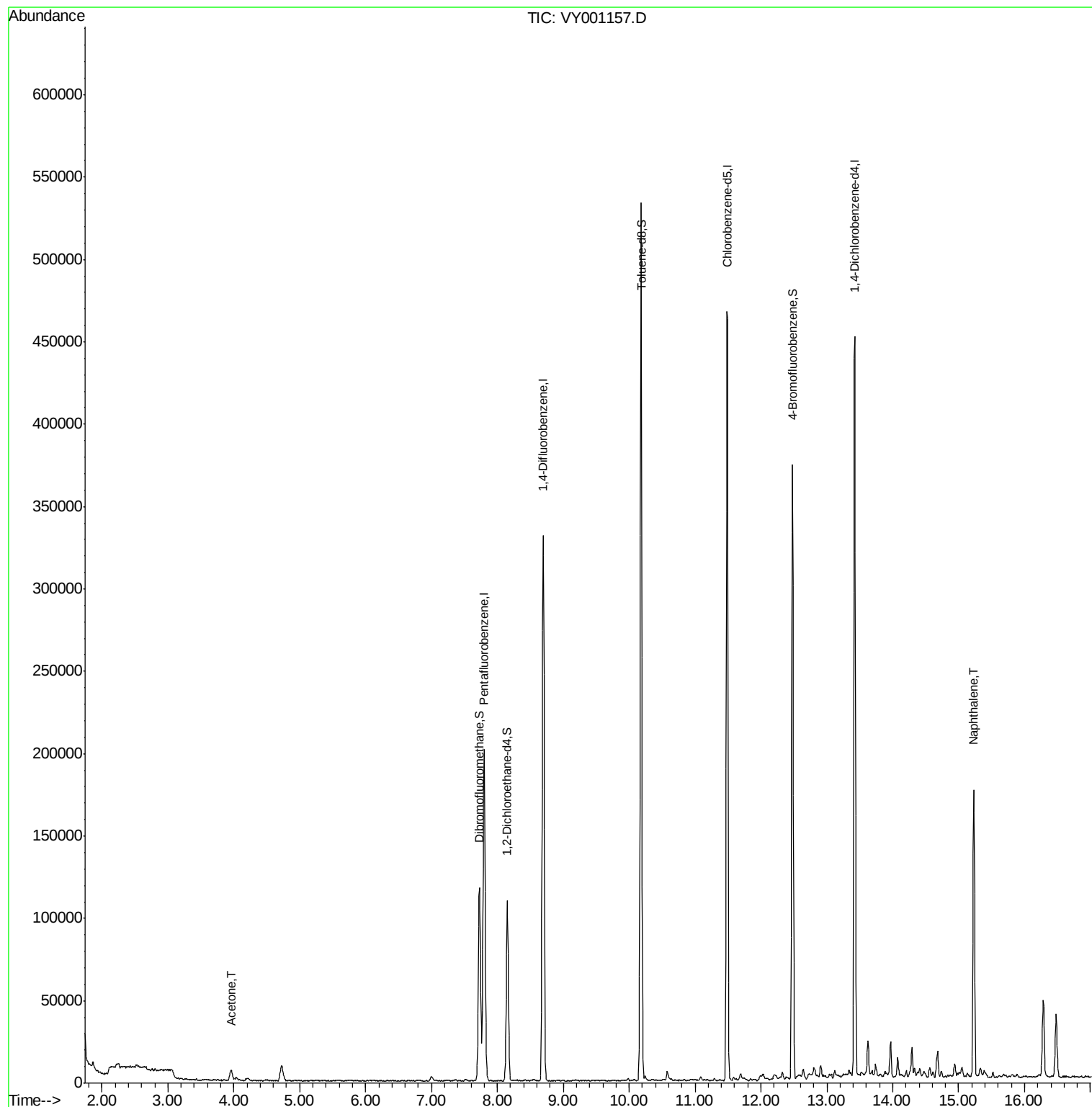
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	159062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	290789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	262989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	114538	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	83373	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
35) Dibromofluoromethane	7.73	113	84808	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
50) Toluene-d8	10.18	98	344368	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
62) 4-Bromofluorobenzene	12.48	95	123475	46.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.08%	
Target Compounds						
16) Acetone	3.96	43	11783	30.200	ug/l	96
95) Naphthalene	15.23	128	145395	28.345	ug/l	99

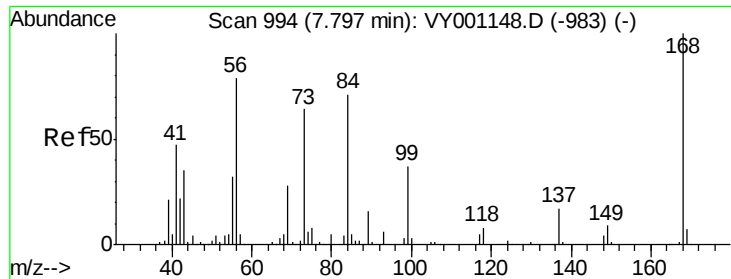
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001157.D

Acq: 10 Jan 2020 19:11

Instrument :

MSVOA_Y

ClientSampleId :

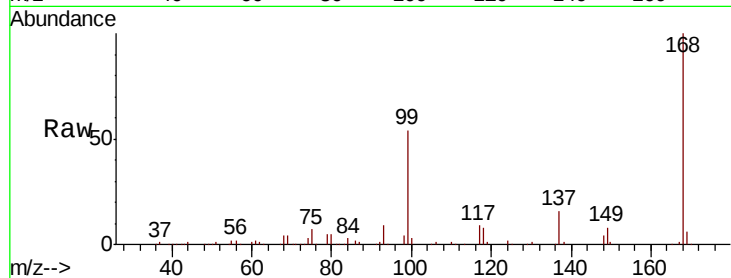
CIY1-SB-03-3-4

Tot Ion:168 Resp: 159062

Ion Ratio Lower Upper

168 100

99 53.6 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) (-)

7.80

60000

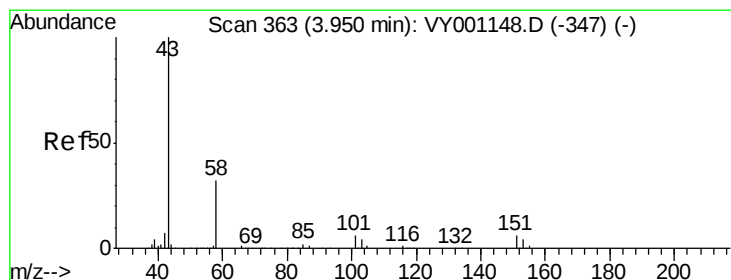
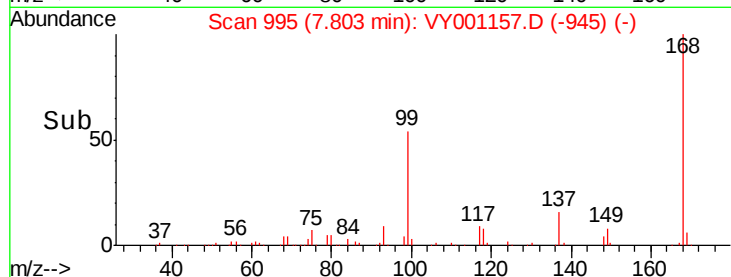
40000

20000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 30.200 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001157.D

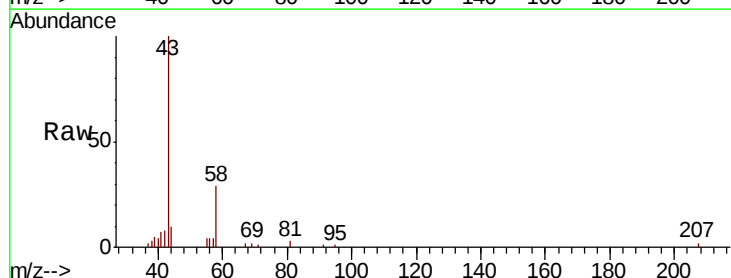
Acq: 10 Jan 2020 19:11

Tgt Ion: 43 Resp: 11783

Ion Ratio Lower Upper

43 100

58 29.7 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001148.D (-347) (-)

3.96

4000

3000

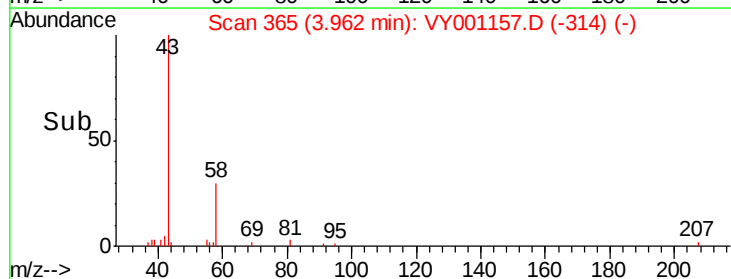
2000

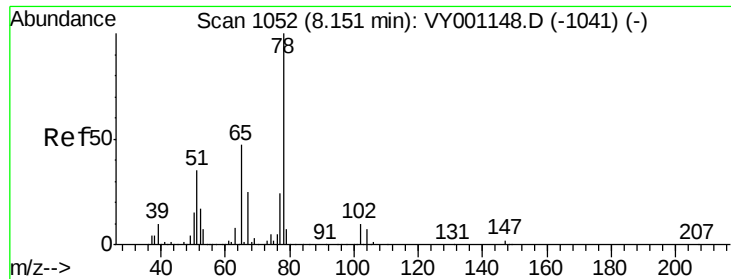
1000

0

3.90 4.00

Time-->

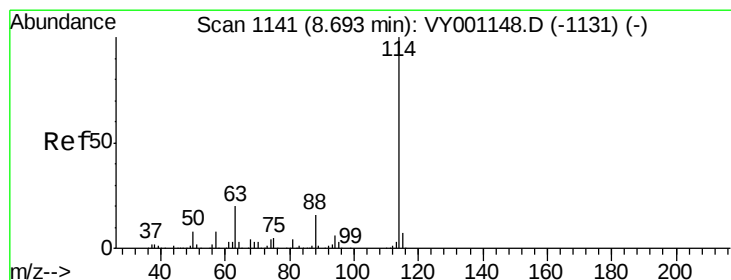
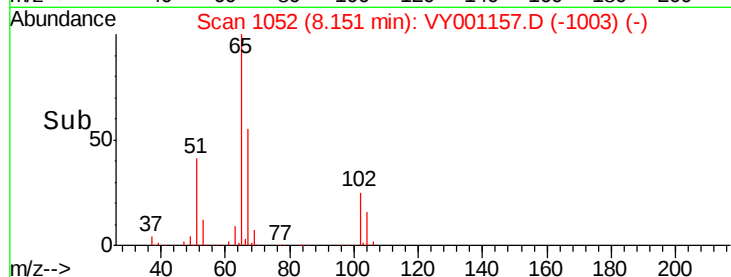
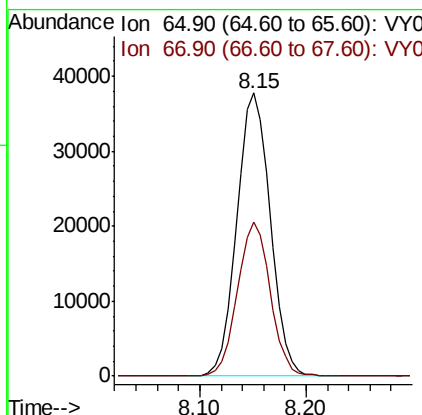
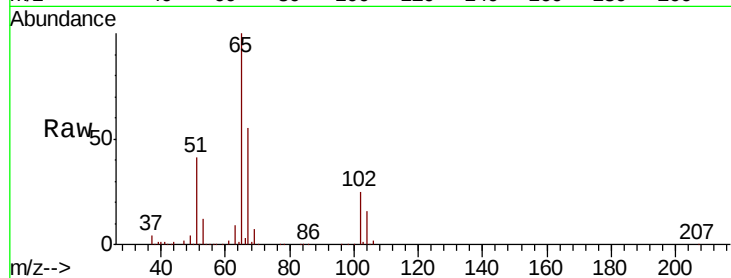




#33
 1,2-Dichloroethane-d4
 Concen: 49.628 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY001157.D
 Acq: 10 Jan 2020 19:11

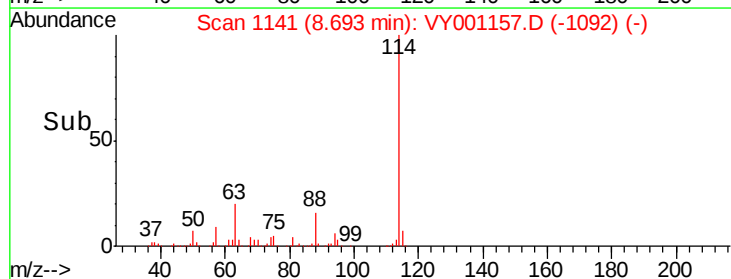
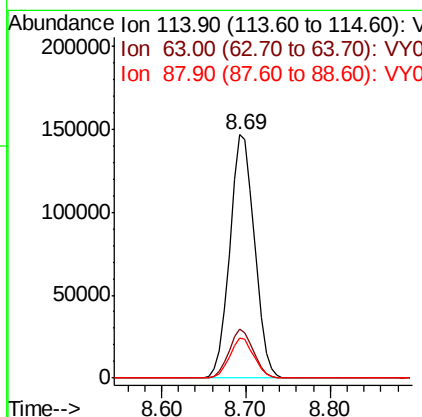
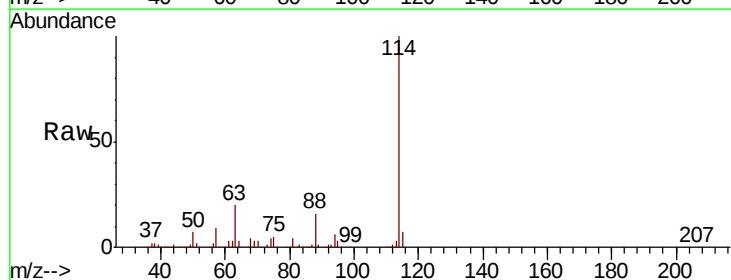
Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-03-3-4

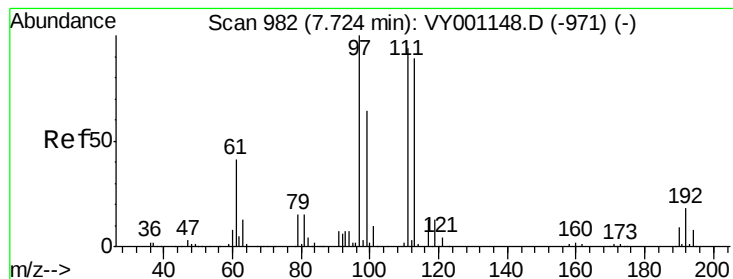
Tot Ion: 65 Resp: 83373
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY001157.D
 Acq: 10 Jan 2020 19:11

Tgt Ion: 114 Resp: 290789
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.8
 88 16.2 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.812 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001157.D

Acq: 10 Jan 2020 19:11

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-03-3-4

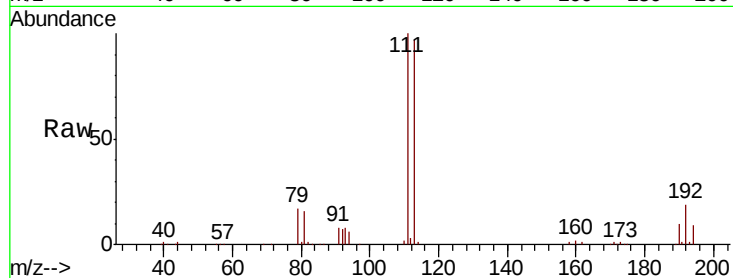
Tot Ion:113 Resp: 84808

Ion Ratio Lower Upper

113 100

111 103.7 82.9 124.3

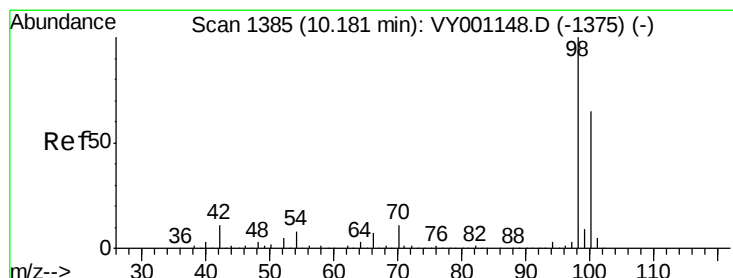
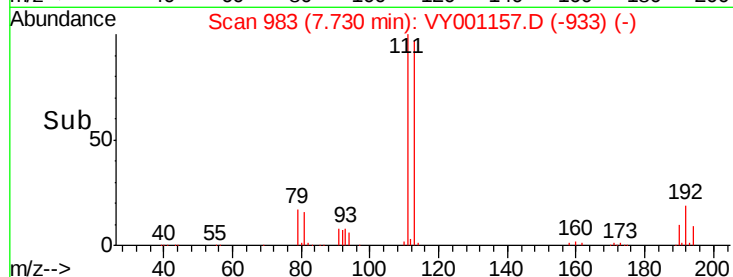
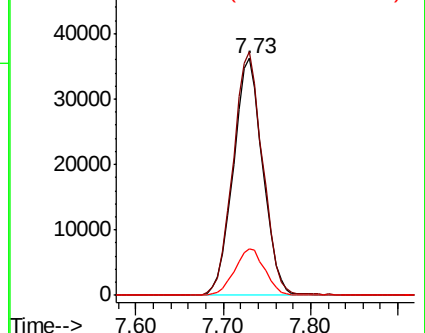
192 20.0 15.4 23.2



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: 52.493 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001157.D

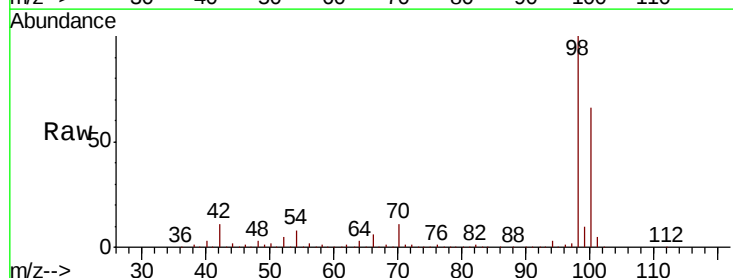
Acq: 10 Jan 2020 19:11

Tgt Ion: 98 Resp: 344368

Ion Ratio Lower Upper

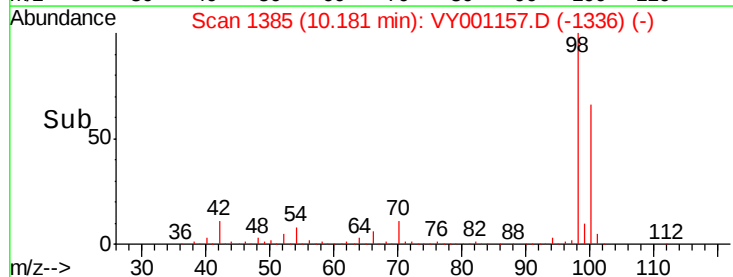
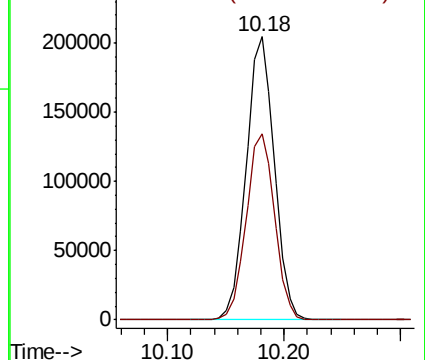
98 100

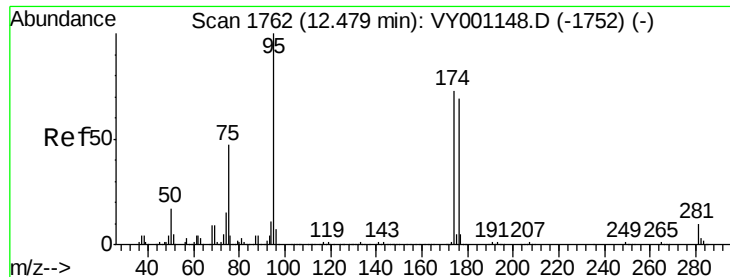
100 66.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

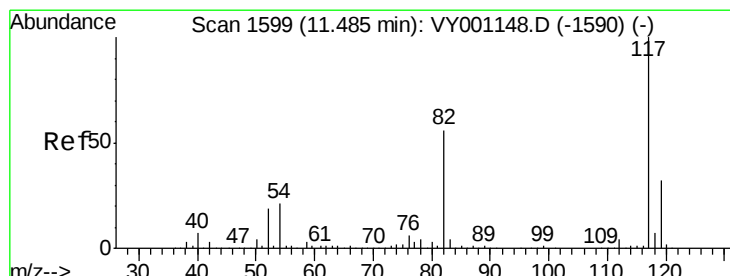
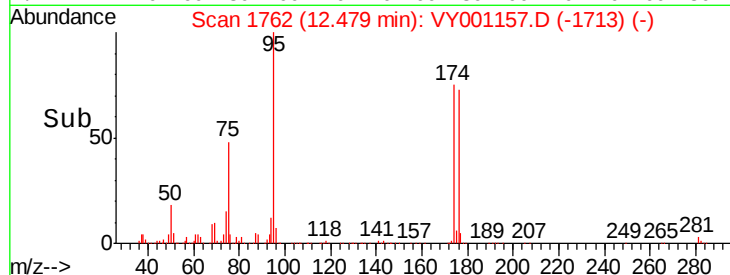
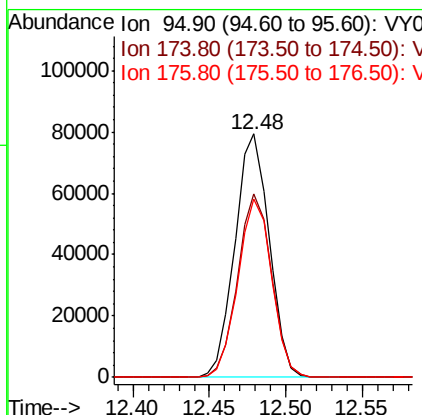
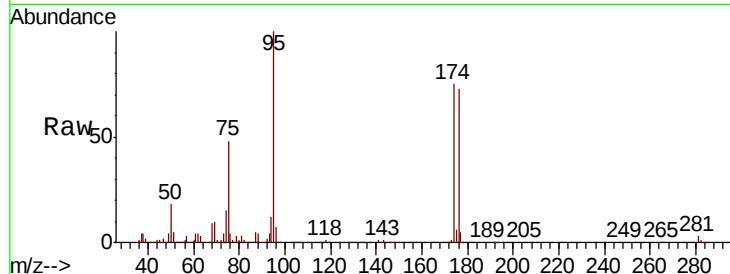




#62
4-Bromofluorobenzene
Concen: 46.038 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001157.D
Acq: 10 Jan 2020 19:11

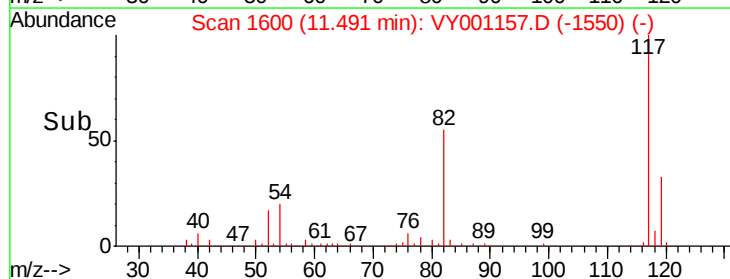
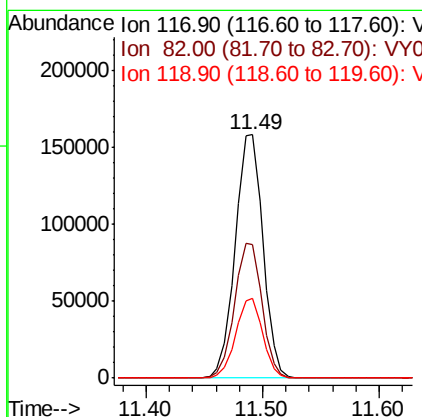
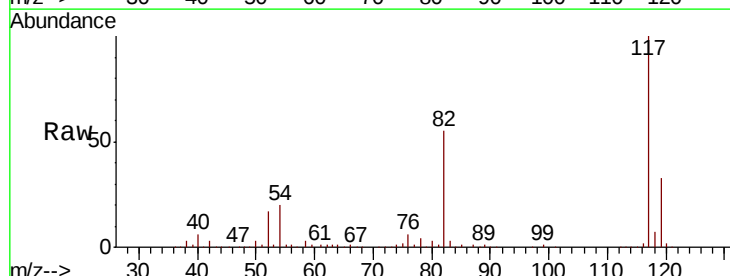
Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-03-3-4

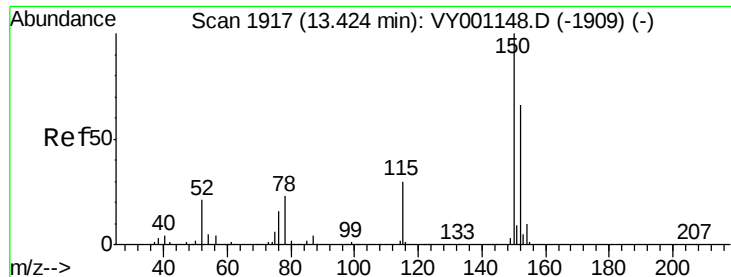
Tot Ion	Ratio	Lower	Upper
95	100		
174	74.4	0.0	143.2
176	72.2	0.0	136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001157.D
Acq: 10 Jan 2020 19:11

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.9	67.3
119	32.6	25.7	38.5



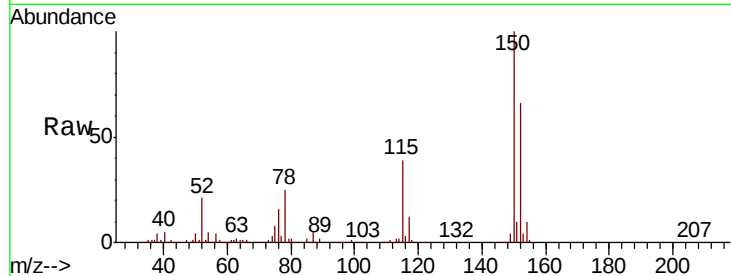


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001157.D
Acq: 10 Jan 2020 19:11

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-03-3-4

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.9	92.5
150	155.1	0.0	346.8

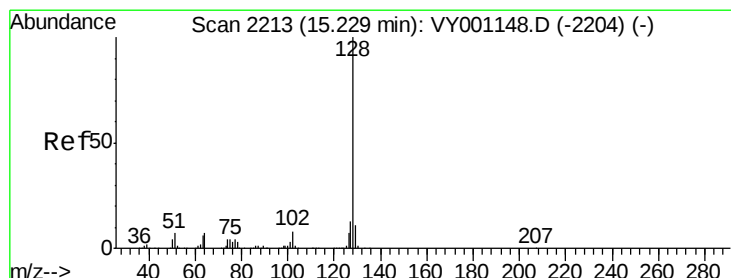
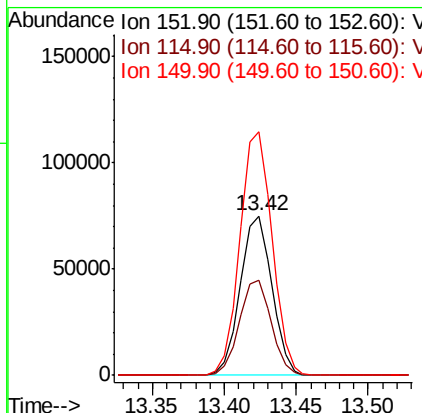
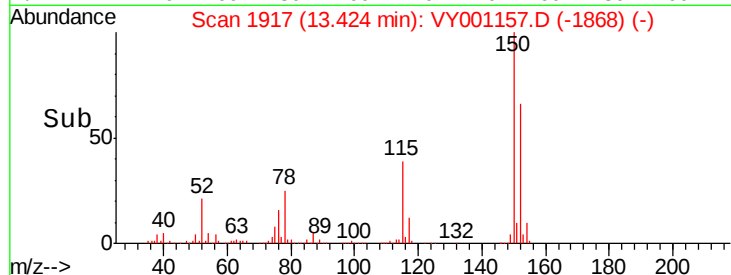


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

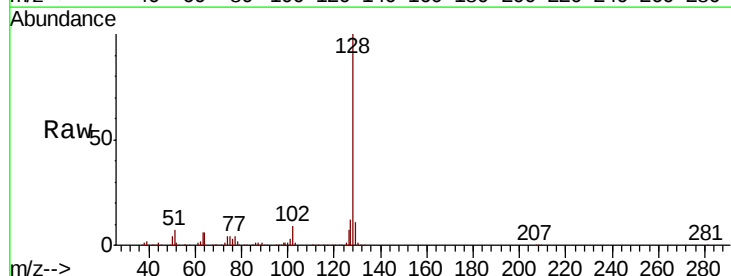
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 28.345 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY001157.D
Acq: 10 Jan 2020 19:11

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	10.8	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

