

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011020\
 Data File : VY001161.D
 Acq On : 10 Jan 2020 20:40
 Operator : SY/MD
 Sample : L1073-02
 Misc : 4.45G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-02-8.5-9

Quant Time: Jan 11 03:28:10 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

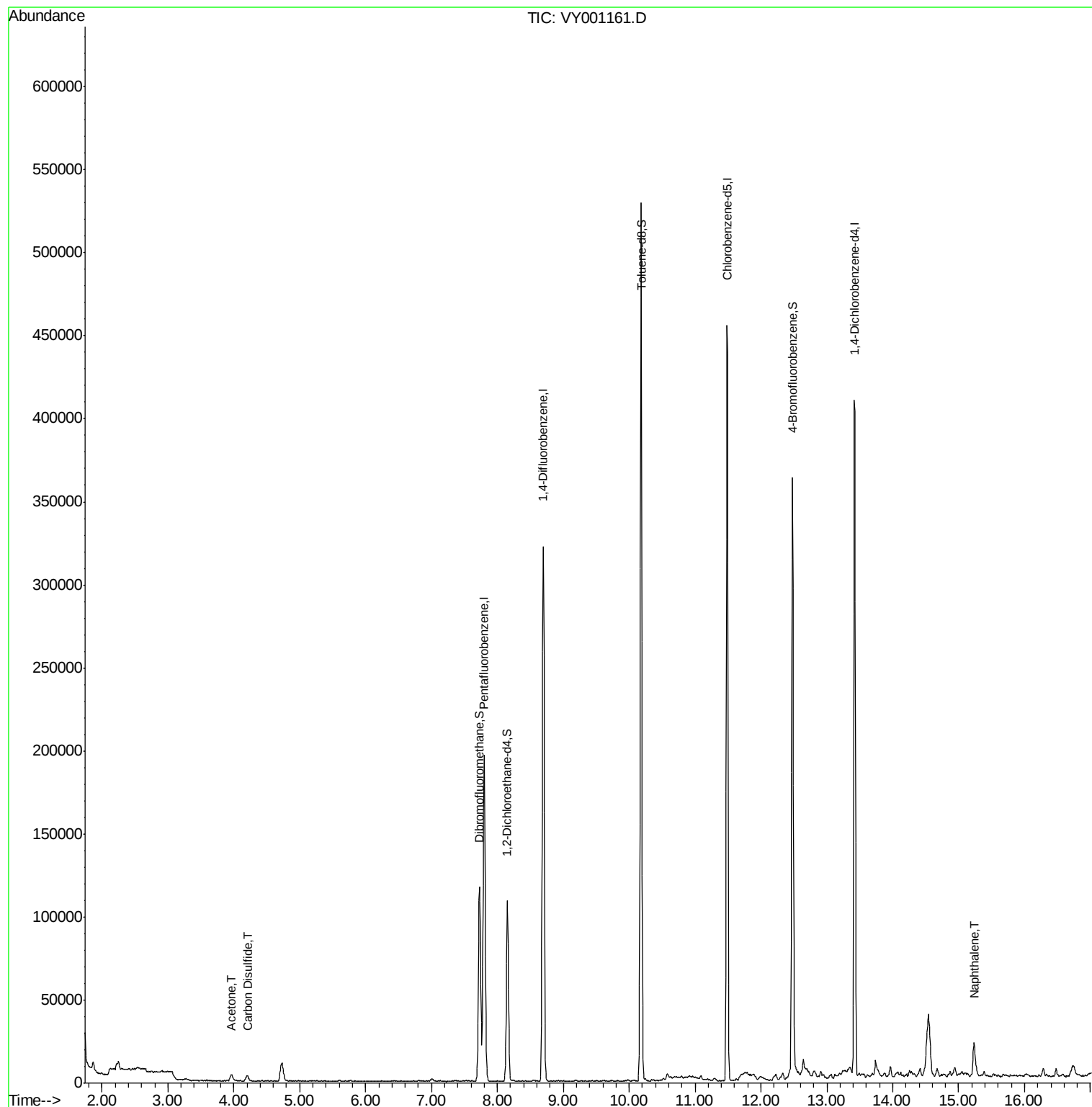
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	156913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	284722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	250228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	104510	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	81567	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
35) Dibromofluoromethane	7.73	113	83818	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
50) Toluene-d8	10.18	98	336494	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.48	95	115430	43.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.92%	
Target Compounds						
16) Acetone	3.96	43	6707	17.426	ug/l	93
17) Carbon Disulfide	4.20	76	6946	1.338	ug/l	99
95) Naphthalene	15.23	128	9309	1.989	ug/l #	92

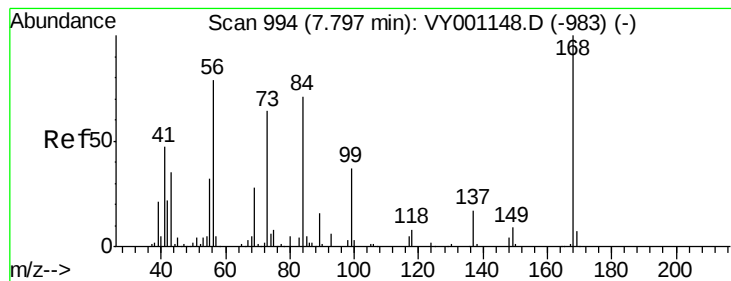
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001161.D

Acq: 10 Jan 2020 20:40

Instrument :

MSVOA_Y

ClientSampleId :

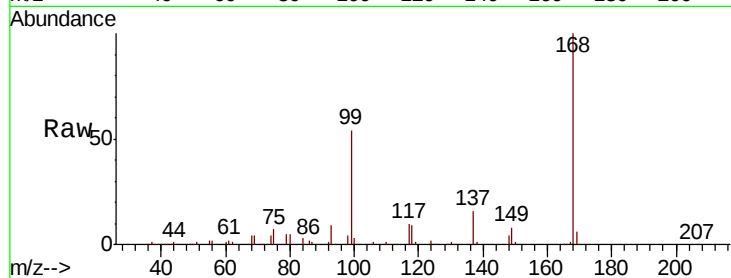
CIY1-SB-02-8.5-9

Tot Ion:168 Resp: 156913

Ion Ratio Lower Upper

168 100

99 54.4 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

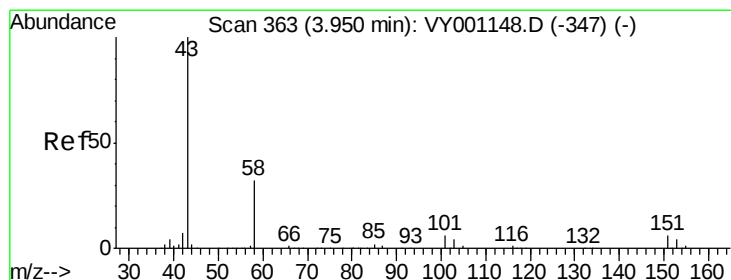
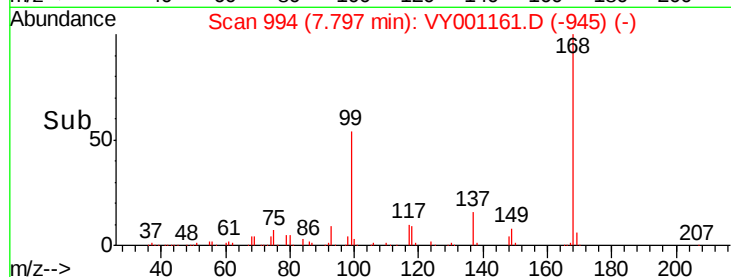
40000

20000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 17.426 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001161.D

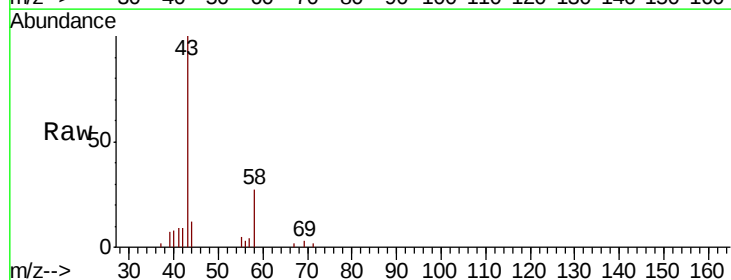
Acq: 10 Jan 2020 20:40

Tgt Ion: 43 Resp: 6707

Ion Ratio Lower Upper

43 100

58 28.3 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

3000

2500

2000

1500

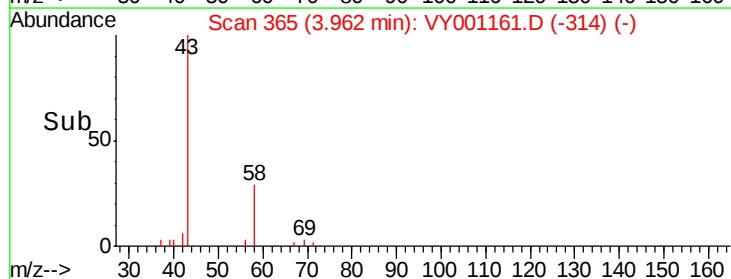
1000

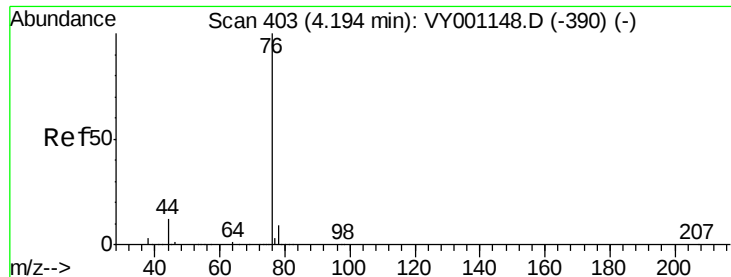
500

0

3.90 4.00 4.10

Time-->

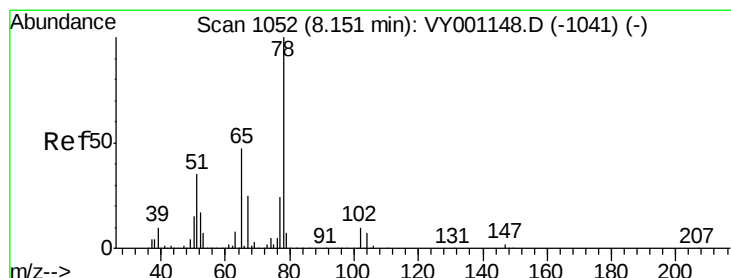
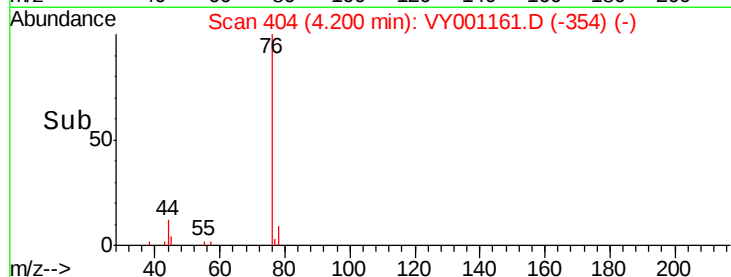
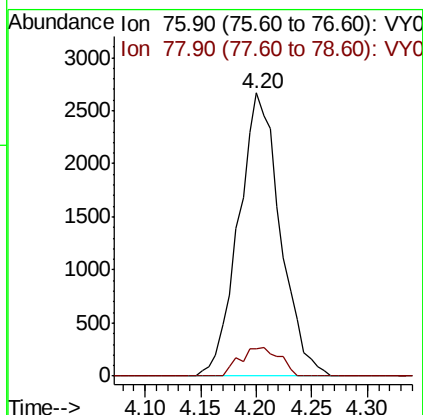
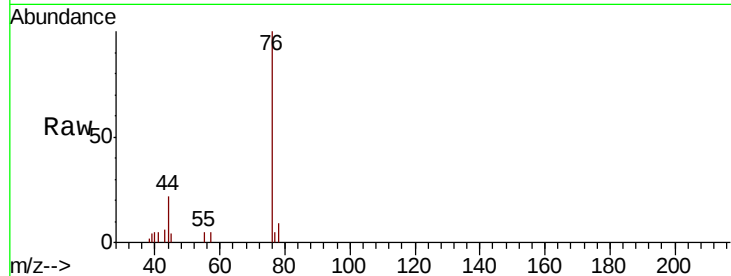




#17
Carbon Disulfide
Concen: 1.338 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY001161.D
Acq: 10 Jan 2020 20:40

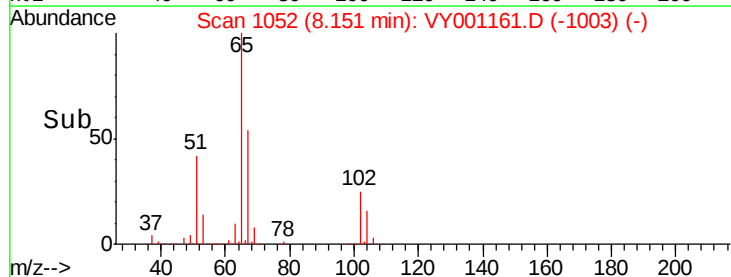
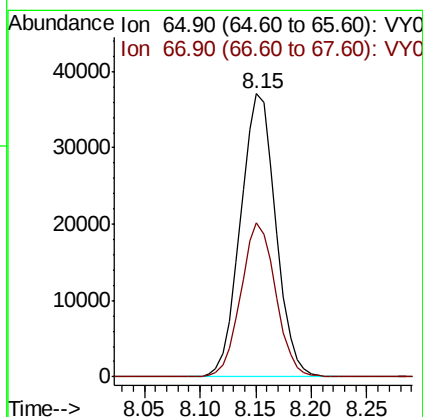
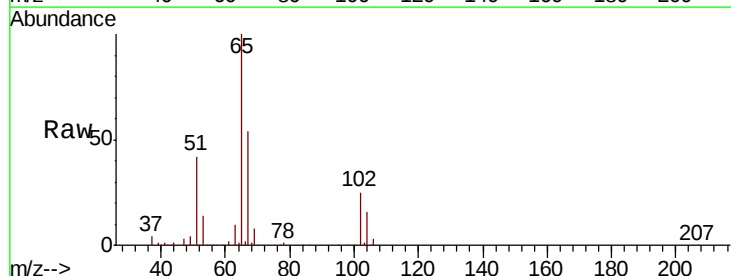
Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-02-8.5-9

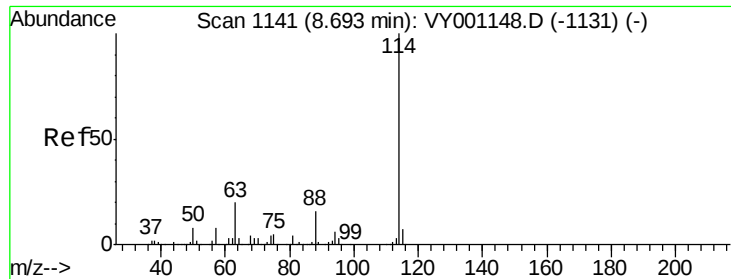
Tot Ion: 76 Resp: 6946
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#33
1,2-Dichloroethane-d4
Concen: 49.218 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY001161.D
Acq: 10 Jan 2020 20:40

Tgt Ion: 65 Resp: 81567
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.2

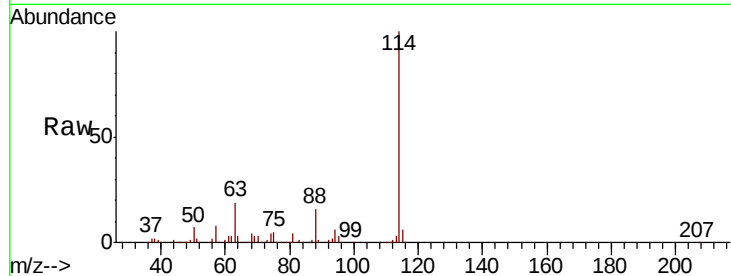




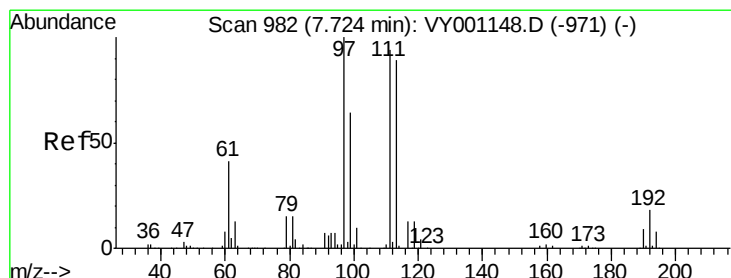
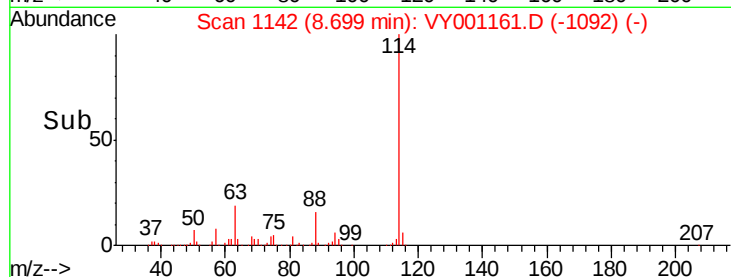
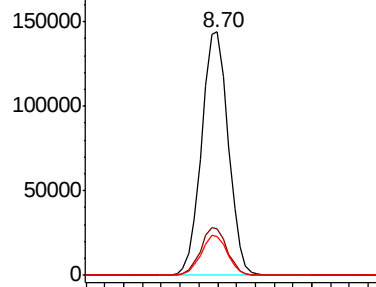
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001161.D
 Acq: 10 Jan 2020 20:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-02-8.5-9

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	40.8
88	15.7	0.0	32.4

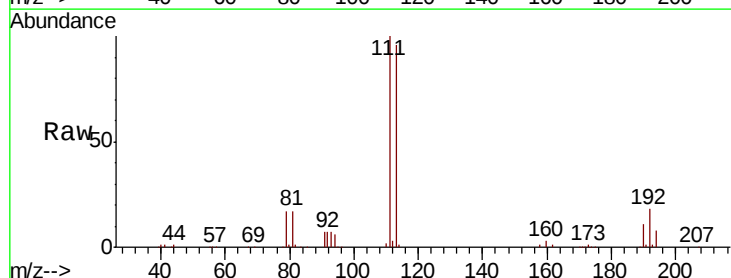


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

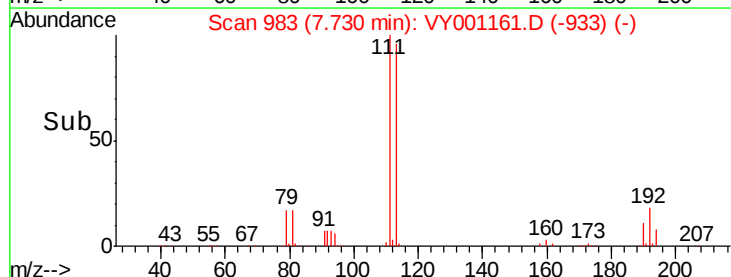
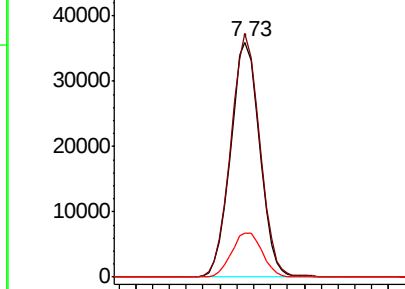


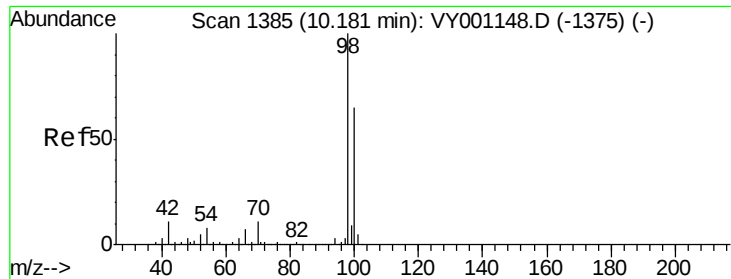
#35
 Dibromofluoromethane
 Concen: 50.279 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001161.D
 Acq: 10 Jan 2020 20:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	19.7	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: 52.386 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001161.D

Acq: 10 Jan 2020 20:40

Instrument :

MSVOA_Y

ClientSampleId :

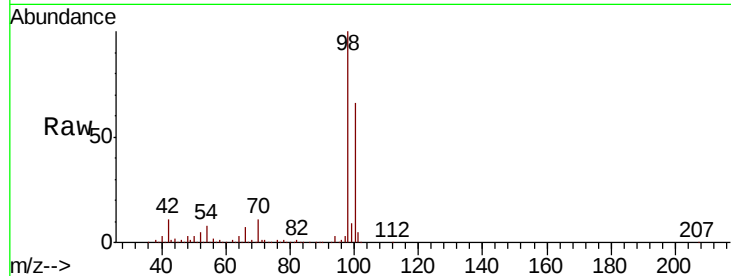
CIY1-SB-02-8.5-9

Tot Ion: 98 Resp: 336494

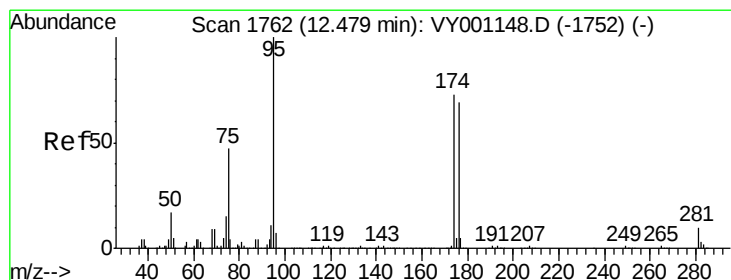
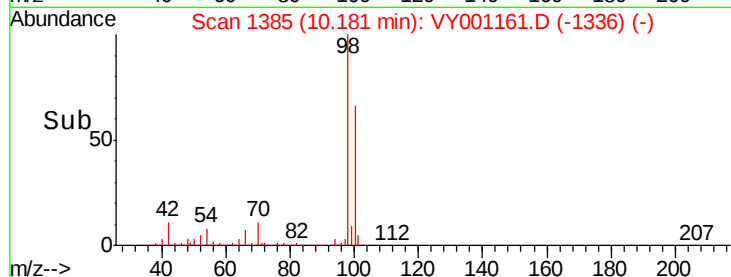
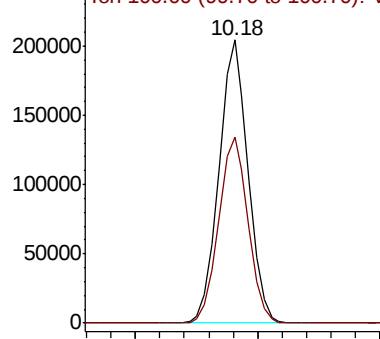
Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY001148.D (-1375) (-)



#62

4-Bromofluorobenzene

Concen: 43.955 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001161.D

Acq: 10 Jan 2020 20:40

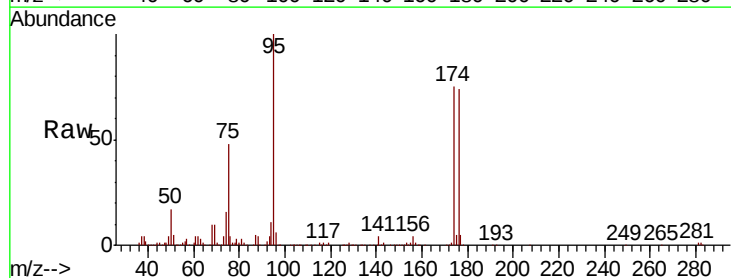
Tgt Ion: 95 Resp: 115430

Ion Ratio Lower Upper

95 100

174 74.9 0.0 143.2

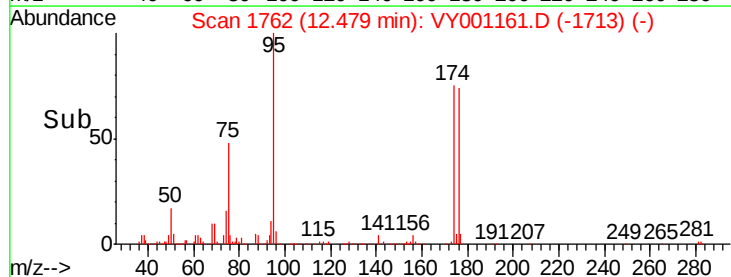
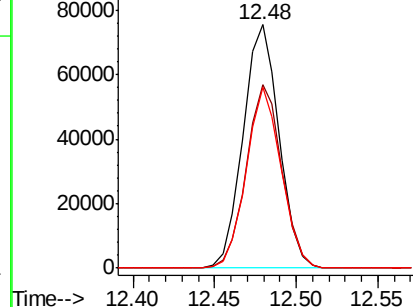
176 72.2 0.0 136.0

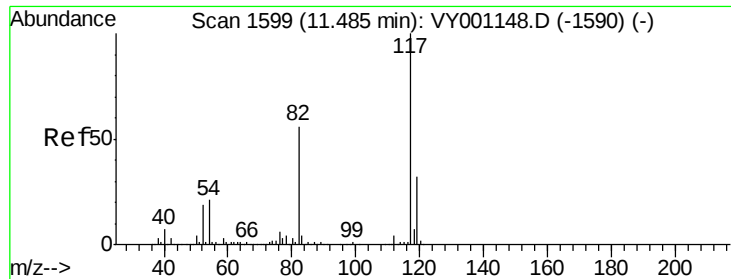


Abundance Ion 94.90 (94.60 to 95.60): VY001148.D (-1752) (-)

Ion 173.80 (173.50 to 174.50): VY001148.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY001148.D (-1752) (-)

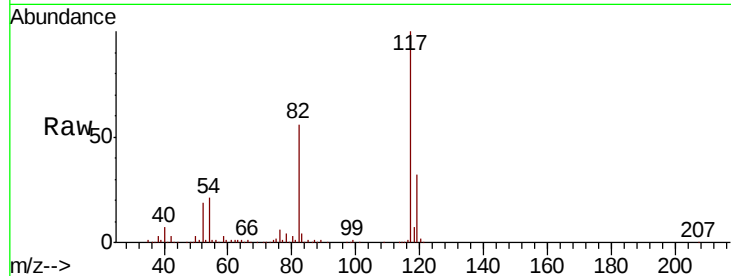




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001161.D
Acq: 10 Jan 2020 20:40

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-02-8.5-9

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.9	67.3
119	32.1	25.7	38.5

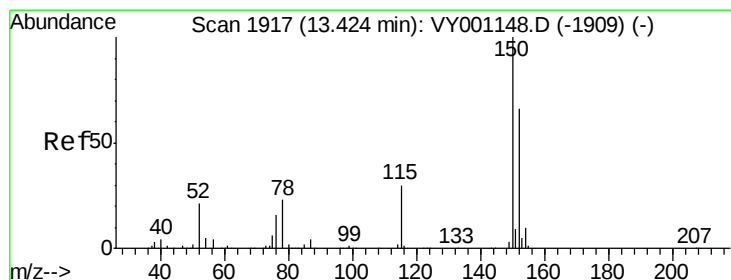
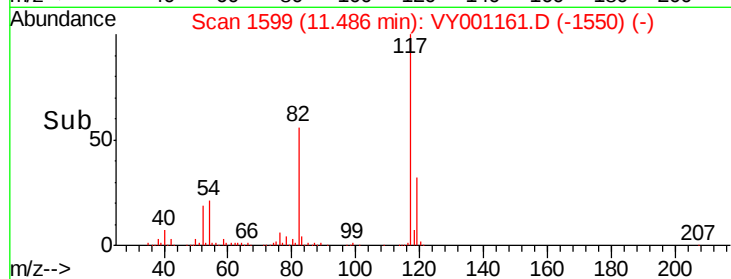
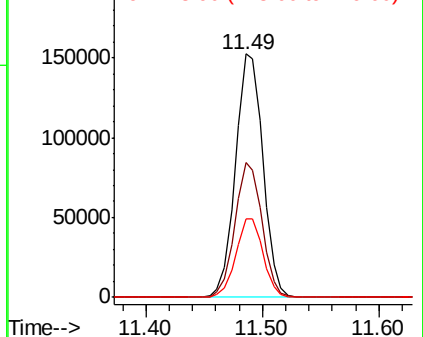


Abundance

Ion 116.90 (116.60 to 117.60): V

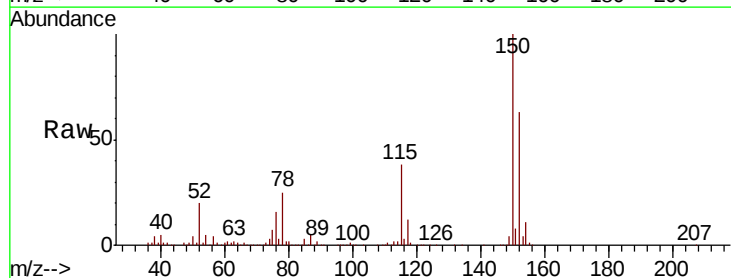
Ion 82.00 (81.70 to 82.70): VY0

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: VY001161.D
Acq: 10 Jan 2020 20:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	30.9	92.5
150	156.9	0.0	346.8

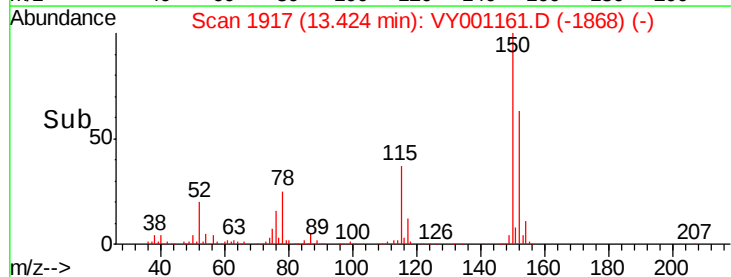
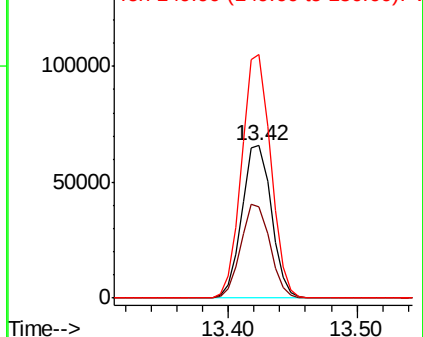


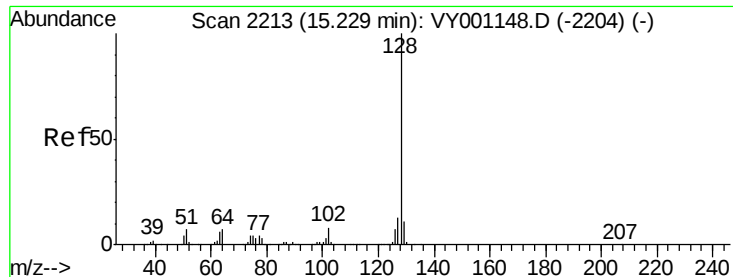
Abundance

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

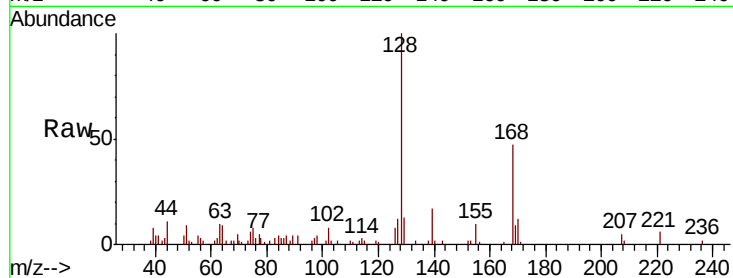




#95
Naphthalene
Concen: 1.989 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY001161.D
Acq: 10 Jan 2020 20:40

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-02-8.5-9

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.3	10.2	15.4
129	14.3	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

