

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011020\
 Data File : VY001156.D
 Acq On : 10 Jan 2020 18:49
 Operator : SY/MD
 Sample : L1054-04
 Misc : 8.63G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-03-0-2

Quant Time: Jan 11 03:18:08 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

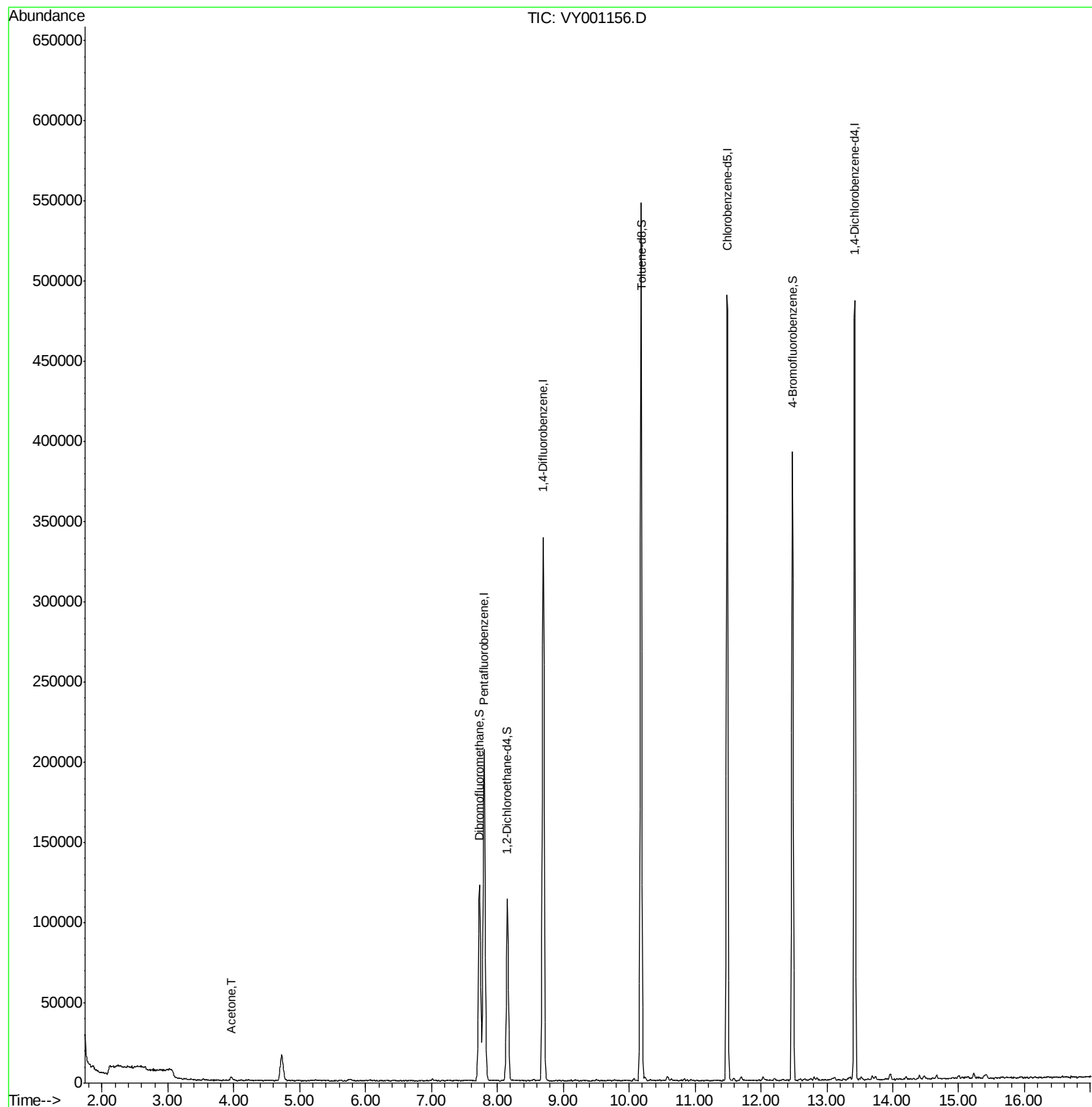
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	163888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	297200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	272459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	123930	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	85698	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
35) Dibromofluoromethane	7.73	113	88402	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
50) Toluene-d8	10.18	98	351217	52.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.48	95	131805	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
Target Compounds						
16) Acetone	3.97	43	3549	8.828	ug/l	Qvalue 90

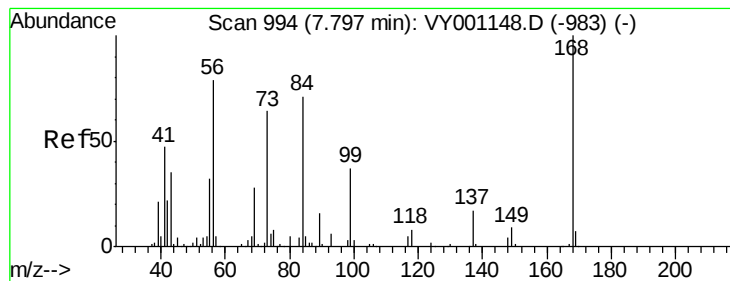
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001156.D

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Instrument :

MSVOA_Y

ClientSampleId :

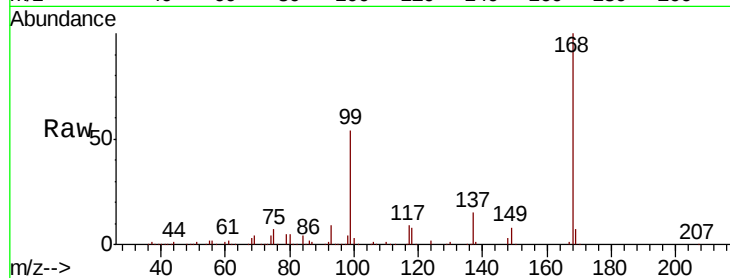
CIY1-SB-03-0-2

Tot Ion:168 Resp: 163888

Ion Ratio Lower Upper

168 100

99 54.1 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

80000

60000

40000

20000

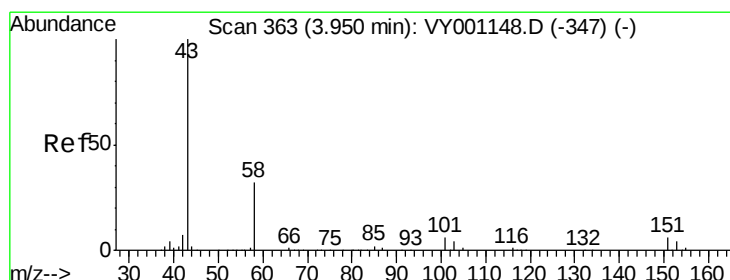
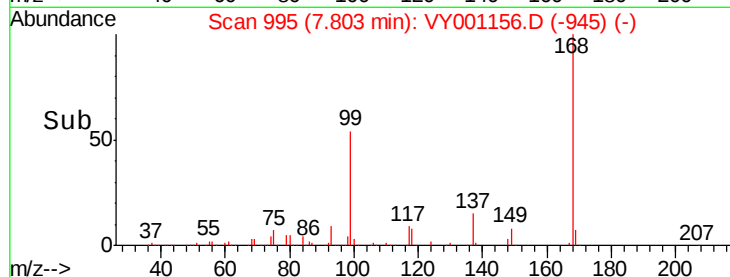
0

Time-->

7.70

7.80

7.90



#16

Acetone

Concen: 8.828 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.02 min

Lab File: VY001156.D

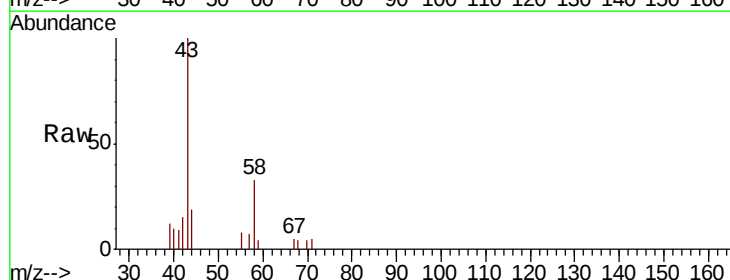
Acq: 10 Jan 2020 18:49

Tgt Ion: 43 Resp: 3549

Ion Ratio Lower Upper

43 100

58 37.6 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) (-)

3.97

1500

1000

500

0

Time-->

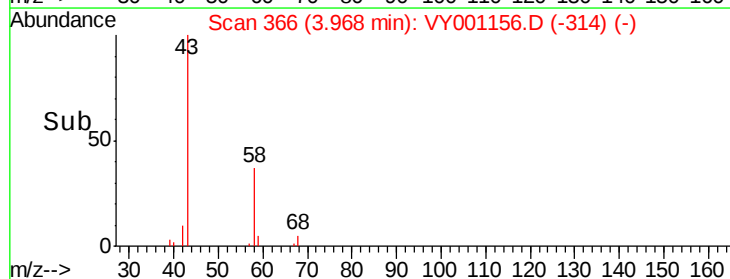
3.85

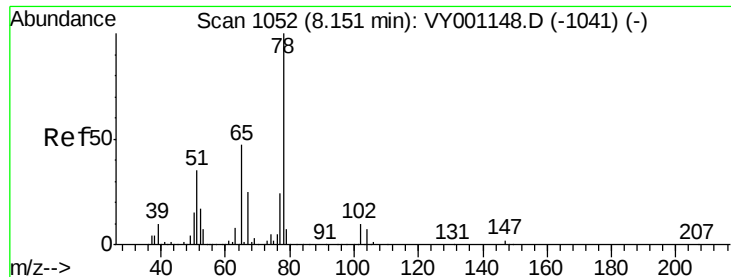
3.90

3.95

4.00

4.05





#33

1,2-Dichloroethane-d4

Concen: 49.509 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001156.D

Acq: 10 Jan 2020 18:49

Instrument :

MSVOA_Y

ClientSampleId :

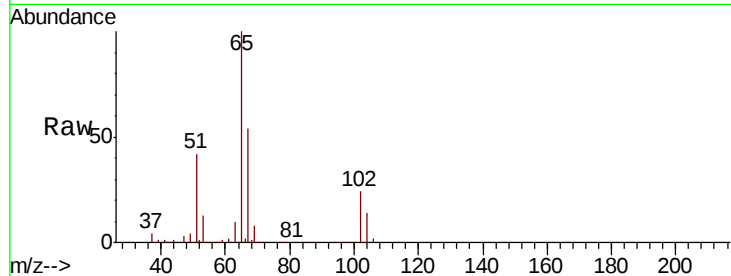
CIY1-SB-03-0-2

Tot Ion: 65 Resp: 85698

Ion Ratio Lower Upper

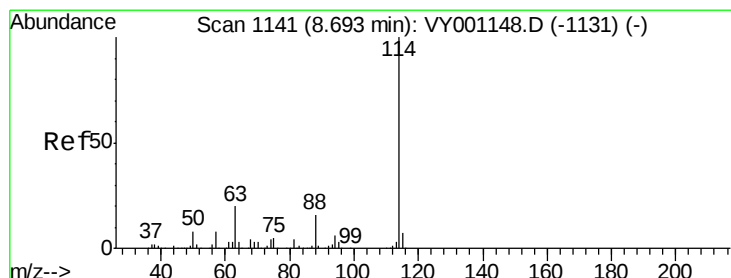
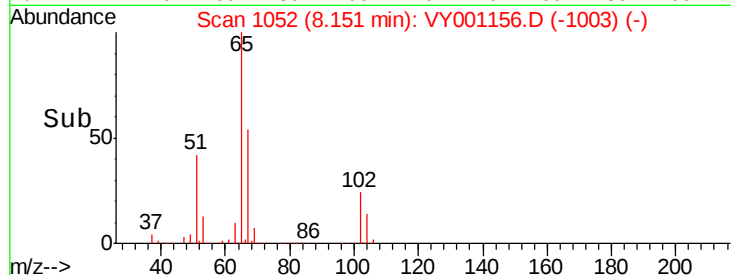
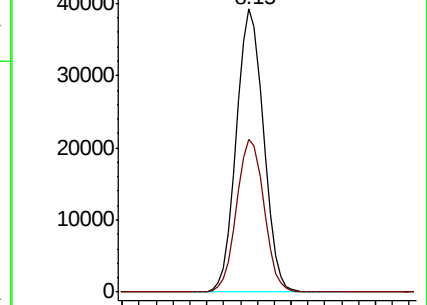
65 100

67 54.8 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: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY001156.D

Acq: 10 Jan 2020 18:49

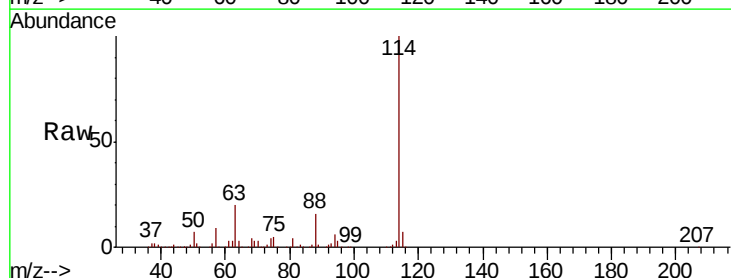
Tgt Ion: 114 Resp: 297200

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

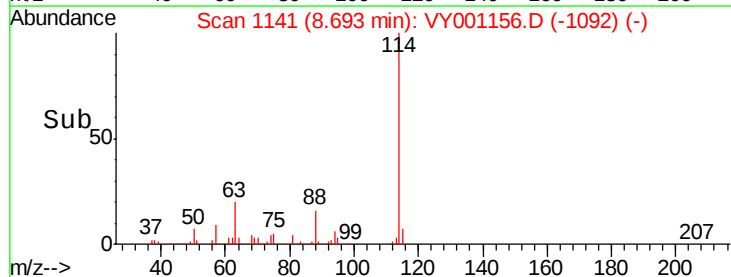
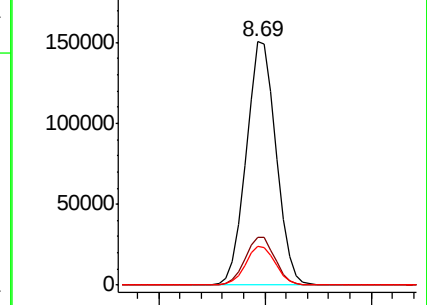
88 15.9 0.0 32.4

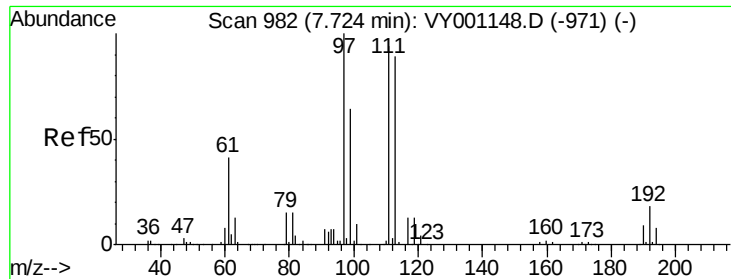


Abundance Ion 113.90 (113.60 to 114.60): VY001148.D (-1131) (-)

Ion 63.00 (62.70 to 63.70): VY001148.D (-1131) (-)

Ion 87.90 (87.60 to 88.60): VY001148.D (-1131) (-)

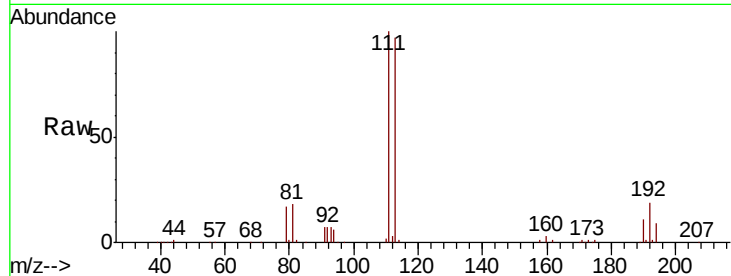




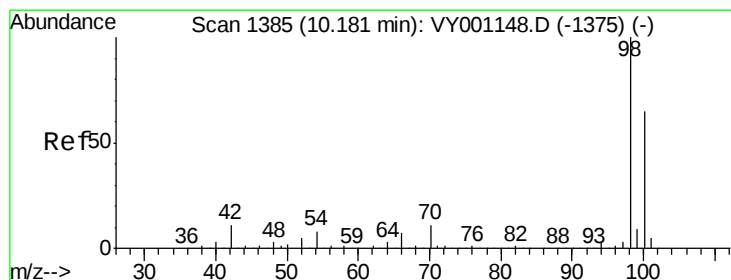
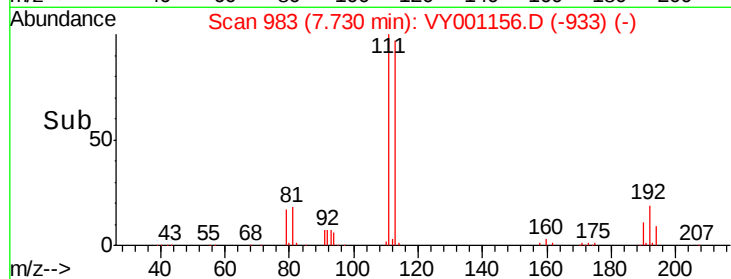
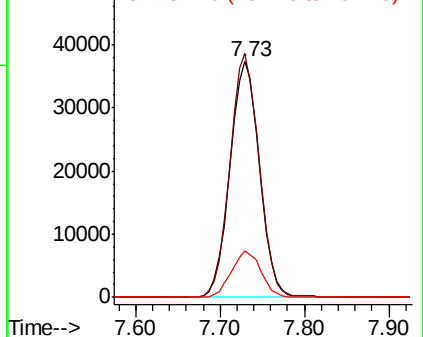
#35
Dibromofluoromethane
Concen: 50.803 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001156.D
Acq: 10 Jan 2020 18:49

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-03-0-2

Tot Ion:113 Resp: 88402
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 19.6 15.4 23.2

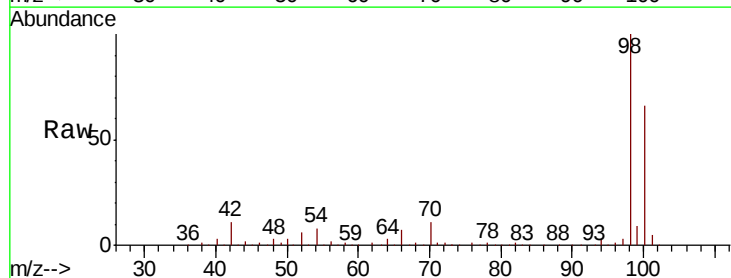


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

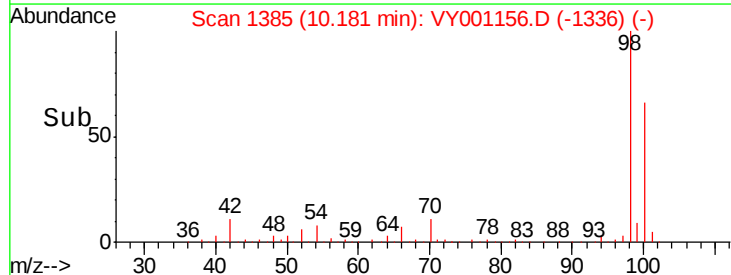
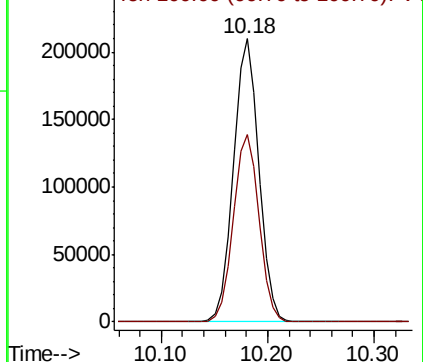


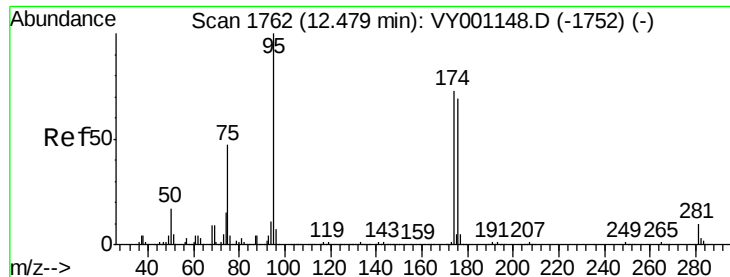
#50
Toluene-d8
Concen: 52.382 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY001156.D
Acq: 10 Jan 2020 18:49

Tgt Ion: 98 Resp: 351217
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

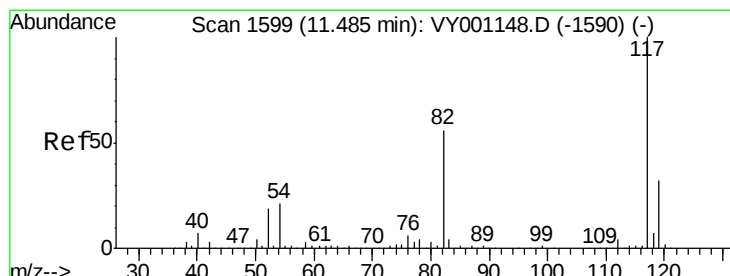
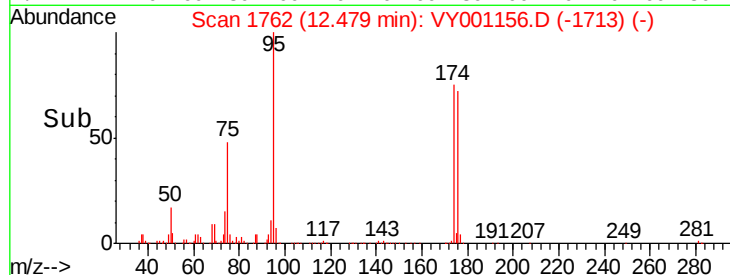
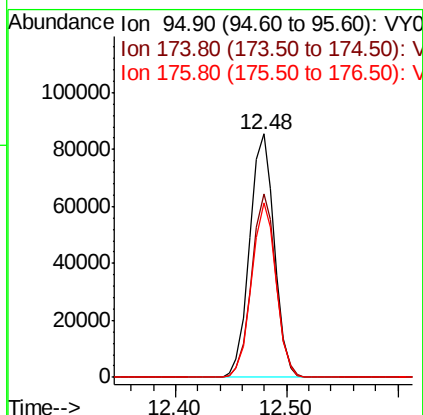
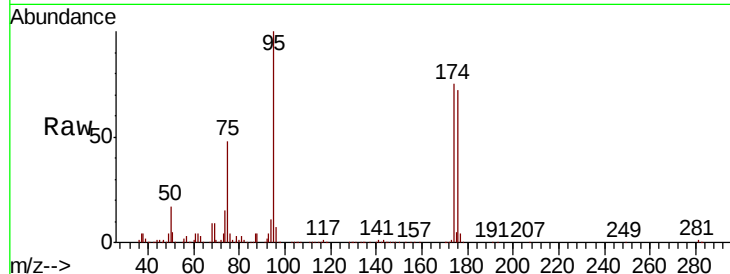




#62
4-Bromofluorobenzene
Concen: 48.084 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001156.D
Acq: 10 Jan 2020 18:49

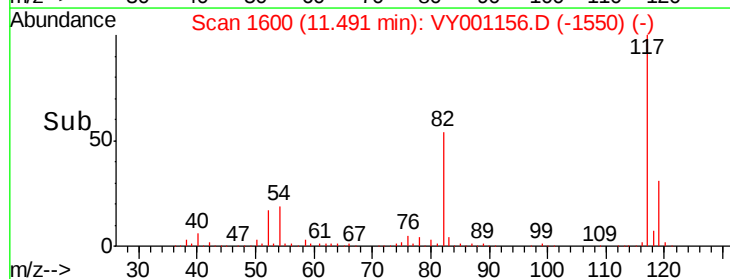
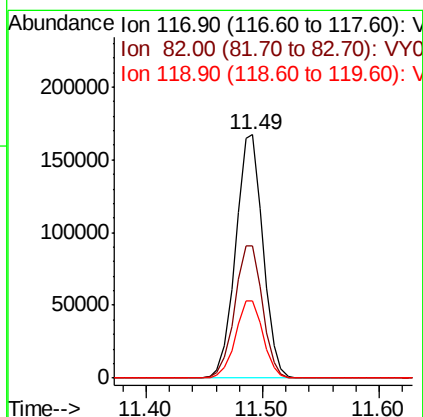
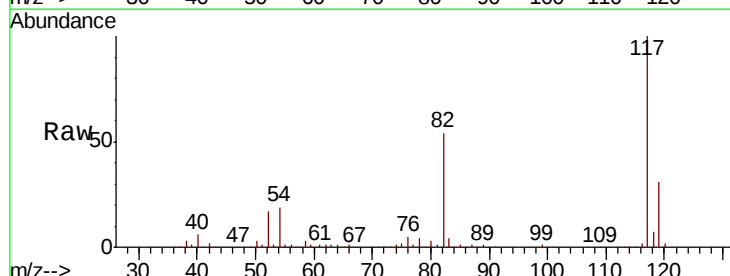
Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-03-0-2

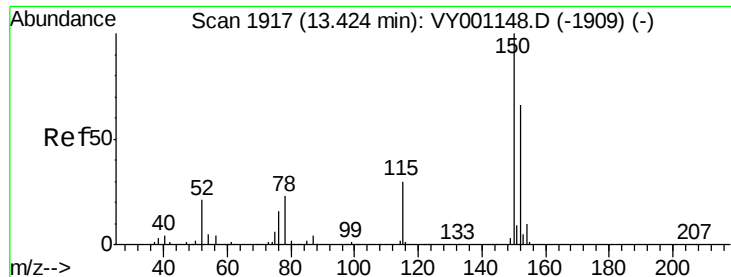
Tot Ion	Ratio	Lower	Upper
95	100		
174	74.5	0.0	143.2
176	71.2	0.0	136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001156.D
Acq: 10 Jan 2020 18:49

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.9	67.3
119	31.5	25.7	38.5



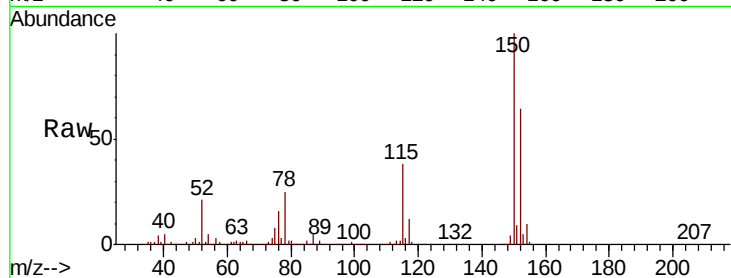


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: VY001156.D
 Acq: 10 Jan 2020 18:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-03-0-2

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.7	30.9	92.5
150	158.8	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

