

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012320\
 Data File : VY001350.D
 Acq On : 23 Jan 2020 13:51
 Operator : SY/MD
 Sample : L1234-01
 Misc : 7.74G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NS-TP

Quant Time: Jan 24 07:34:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

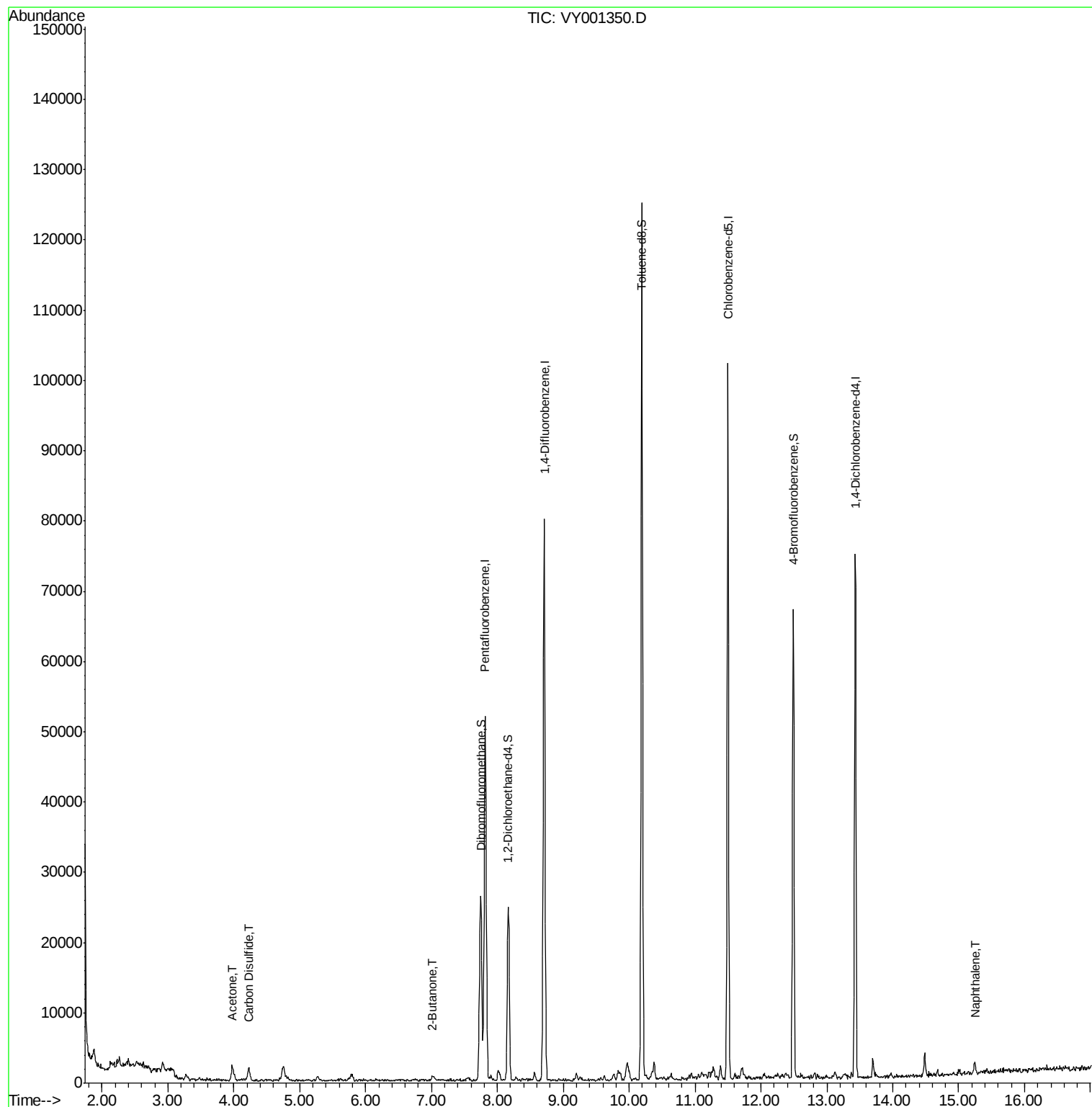
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	39985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	68966	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	54199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	18091	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	18913	43.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.94%	
35) Dibromofluoromethane	7.75	113	18726	46.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.52%	
50) Toluene-d8	10.19	98	78937	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.49	95	21870	34.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.84%	
Target Compounds						
16) Acetone	3.97	43	3473	23.432	ug/l	91
17) Carbon Disulfide	4.22	76	3383	2.534	ug/l #	91
25) 2-Butanone	7.02	43	1103	5.824	ug/l	92
95) Naphthalene	15.25	128	1399	1.623	ug/l	95

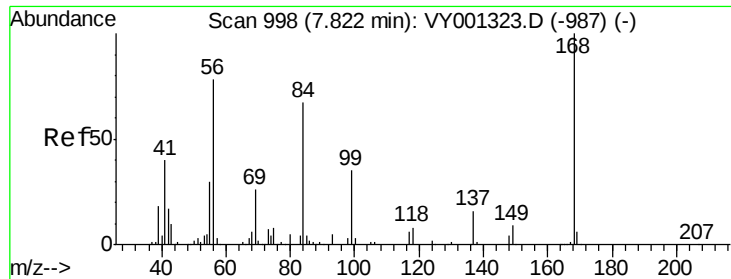
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012320\
Data File : VY001350.D
Acq On : 23 Jan 2020 13:51
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Misc : 7.74G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NS-TP

Quant Time: Jan 24 07:34:03 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001350.D

Acq: 23 Jan 2020 13:51

Instrument :

MSVOA_Y

ClientSampleId :

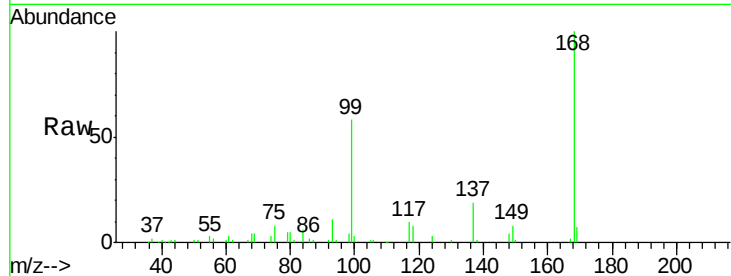
NS-TP

Tot Ion:168 Resp: 39985

Ion Ratio Lower Upper

168 100

99 58.5 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001350.D (-949) (-)

Ion 98.90 (98.60 to 99.60): VY001350.D (-949) (-)

7.82

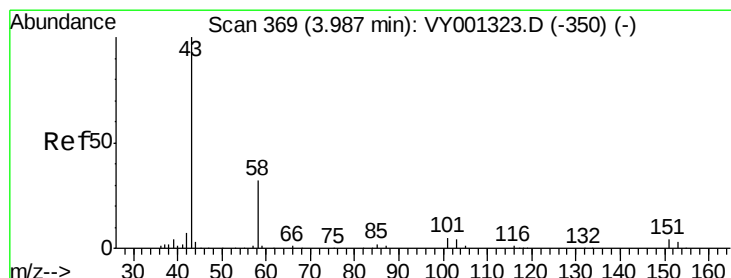
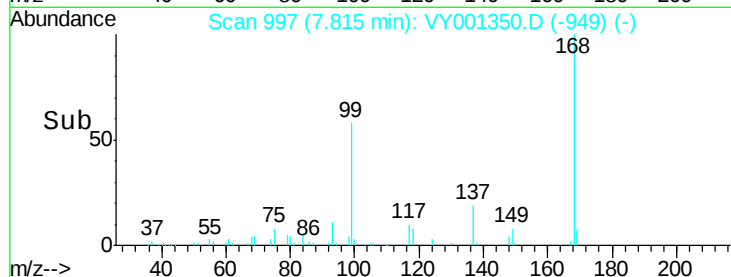
15000

10000

5000

0

Time--> 7.70 7.75 7.80 7.85 7.90



#16

Acetone

Concen: 23.432 ug/l

RT: 3.97 min Scan# 367

Delta R.T. -0.01 min

Lab File: VY001350.D

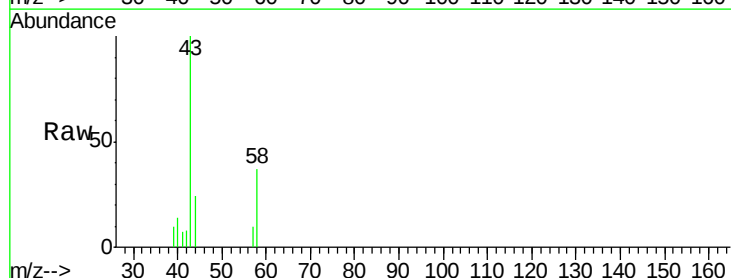
Acq: 23 Jan 2020 13:51

Tgt Ion: 43 Resp: 3473

Ion Ratio Lower Upper

43 100

58 36.7 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VY001350.D (-320) (-)

Ion 58.00 (57.70 to 58.70): VY001350.D (-320) (-)

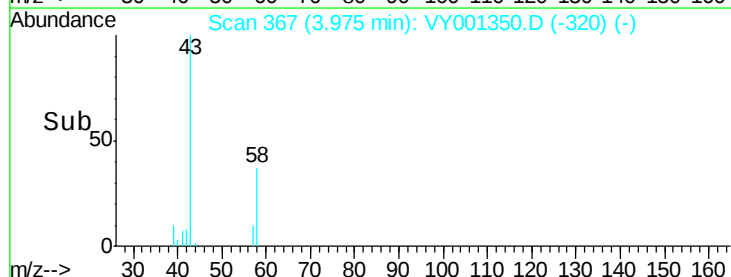
3.97

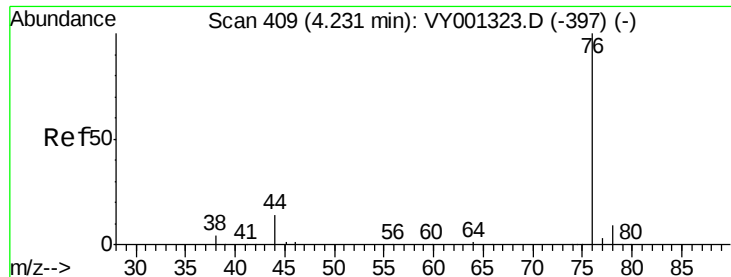
1000

500

0

Time--> 3.90 3.95 4.00 4.05





#17

Carbon Disulfide

Concen: 2.534 ug/l

RT: 4.22 min Scan# 408

Delta R.T. -0.01 min

Lab File: VY001350.D

Acq: 23 Jan 2020 13:51

Instrument :

MSVOA_Y

ClientSampled :

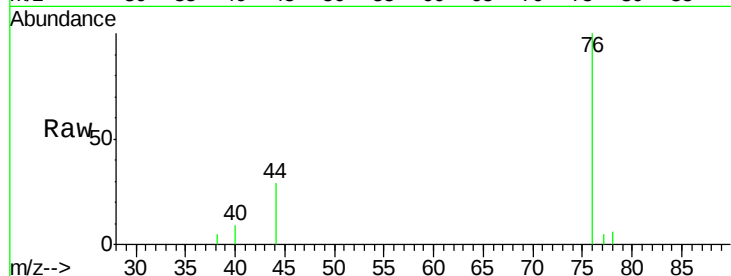
NS-TP

Tot Ion: 76 Resp: 3383

Ion Ratio Lower Upper

76 100

78 5.6 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.22

1500

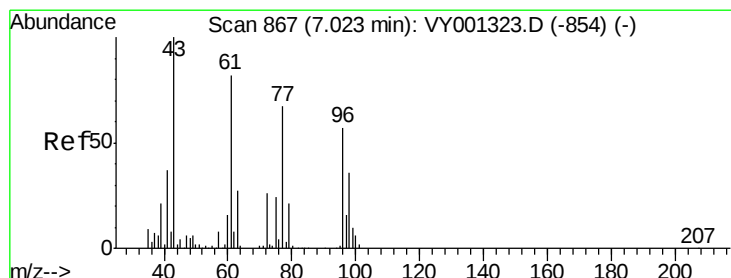
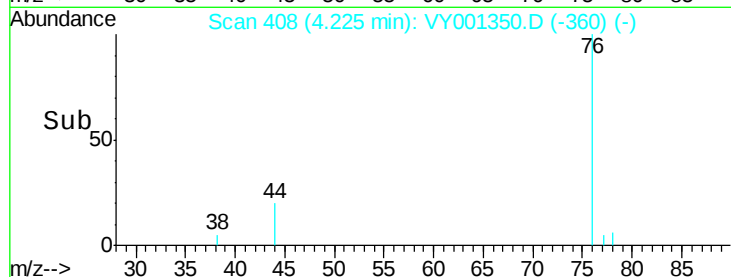
1000

500

0

4.15 4.20 4.25 4.30

Time-->



#25

2-Butanone

Concen: 5.824 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.01 min

Lab File: VY001350.D

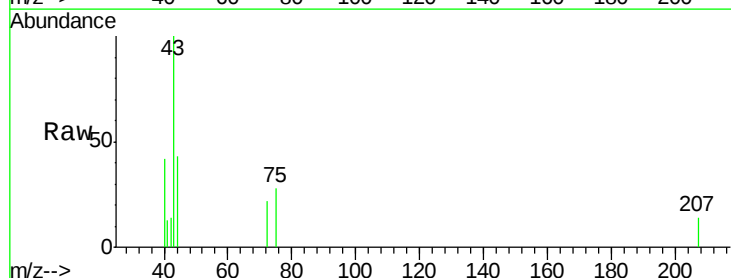
Acq: 23 Jan 2020 13:51

Tgt Ion: 43 Resp: 1103

Ion Ratio Lower Upper

43 100

72 22.0 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

7.02

400

300

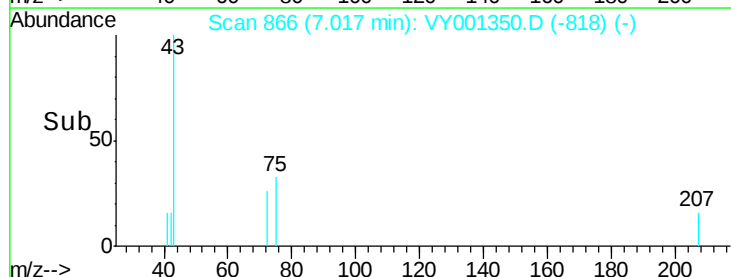
200

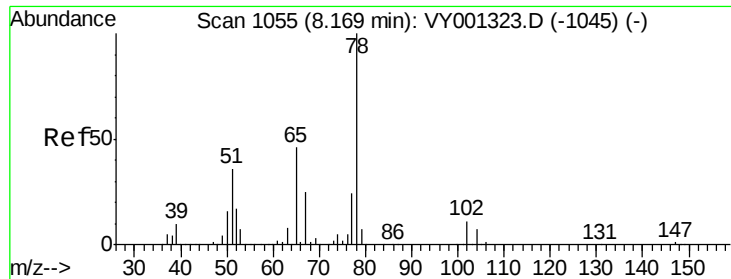
100

0

6.95 7.00 7.05 7.10

Time-->





#33

1,2-Dichloroethane-d4

Concen: 43.469 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001350.D

Acq: 23 Jan 2020 13:51

Instrument :

MSVOA_Y

ClientSampled :

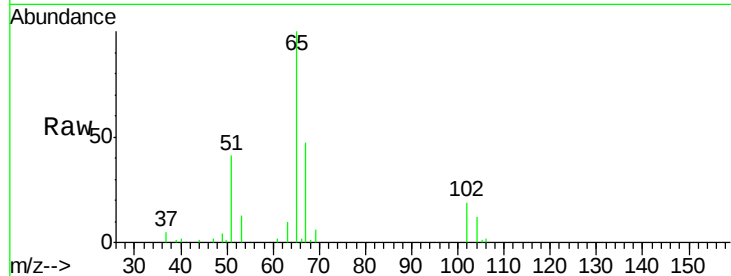
NS-TP

Tot Ion: 65 Resp: 18913

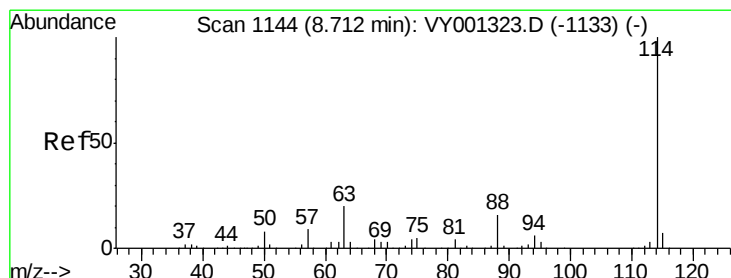
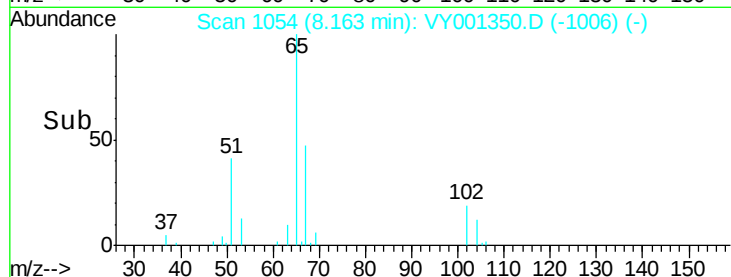
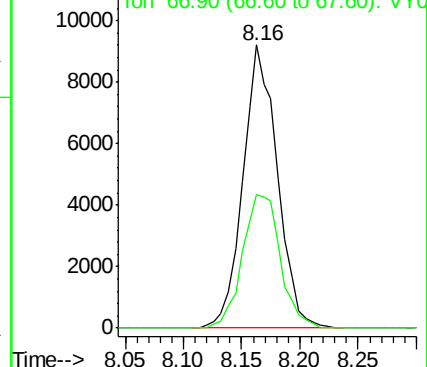
Ion Ratio Lower Upper

65 100

67 51.9 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001350.D (-1006) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY001350.D

Acq: 23 Jan 2020 13:51

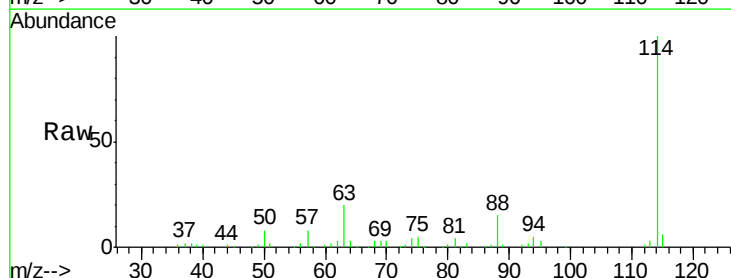
Tgt Ion: 114 Resp: 68966

Ion Ratio Lower Upper

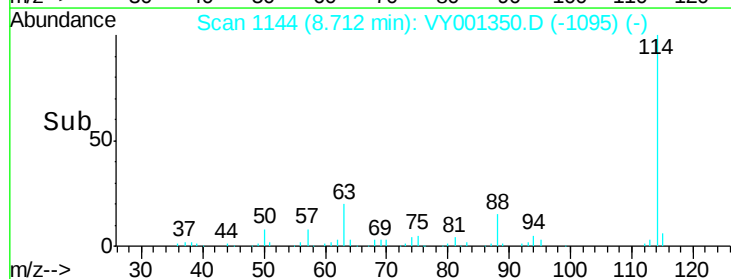
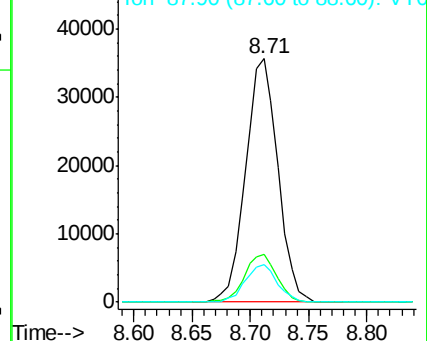
114 100

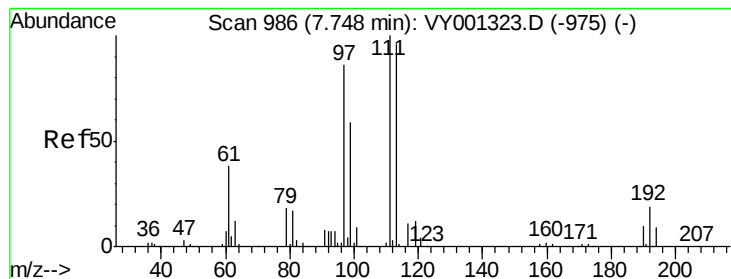
63 19.6 0.0 40.8

88 15.2 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VY001350.D (-1095) (-)





#35

Dibromofluoromethane

Concen: 46.263 ug/l

RT: 7.75 min Scan# 986

Delta R.T. -0.00 min

Lab File: VY001350.D

Acq: 23 Jan 2020 13:51

Instrument :

MSVOA_Y

ClientSampled :

NS-TP

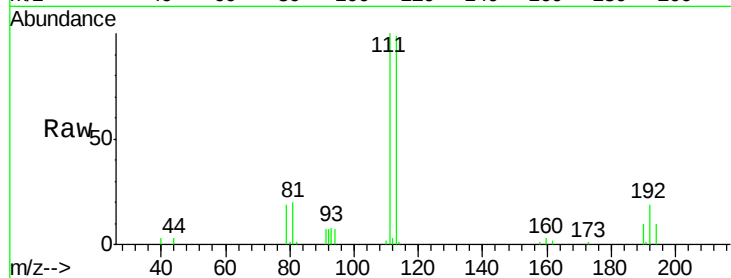
Tot Ion:113 Resp: 18726

Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

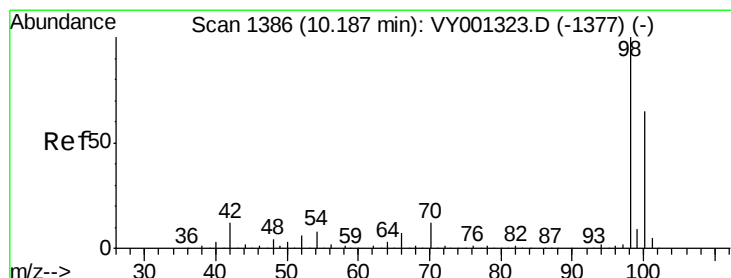
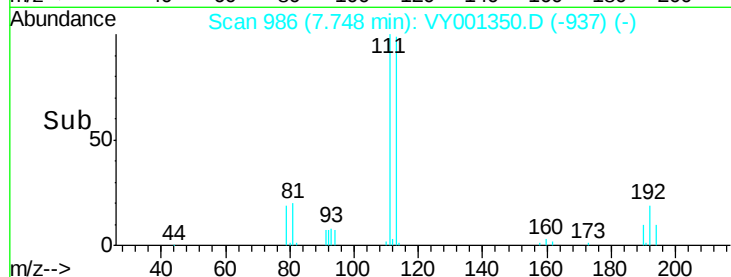
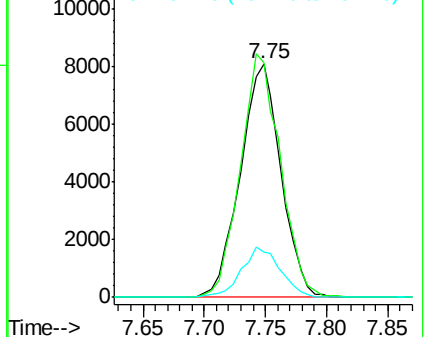
192 20.6 15.5 23.3



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: 50.195 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001350.D

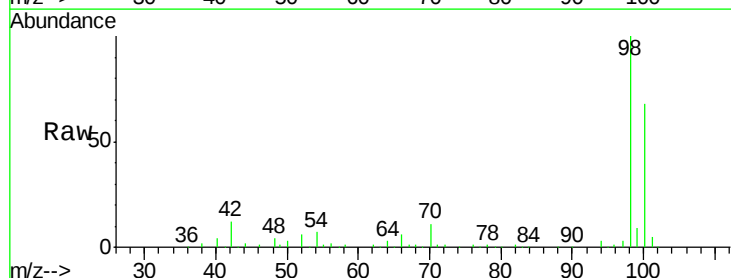
Acq: 23 Jan 2020 13:51

Tgt Ion: 98 Resp: 78937

Ion Ratio Lower Upper

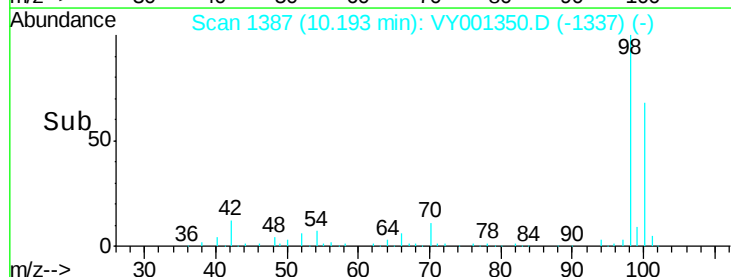
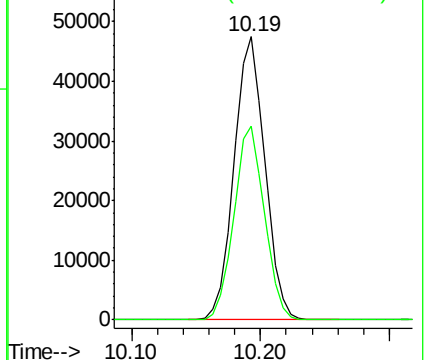
98 100

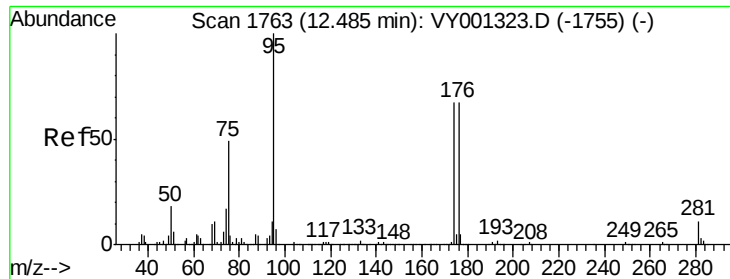
100 67.4 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

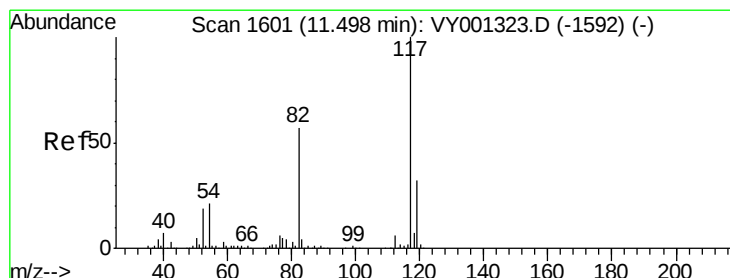
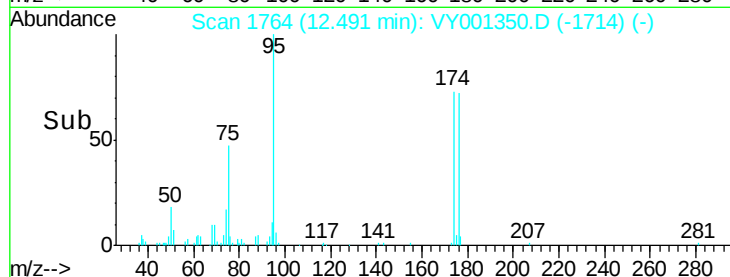
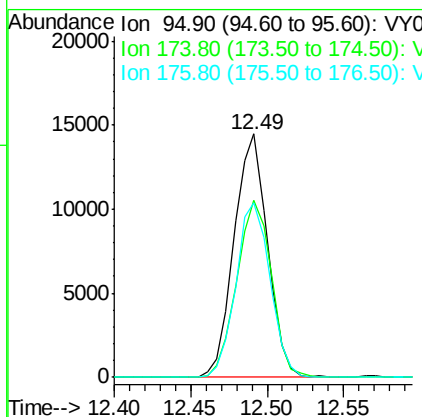
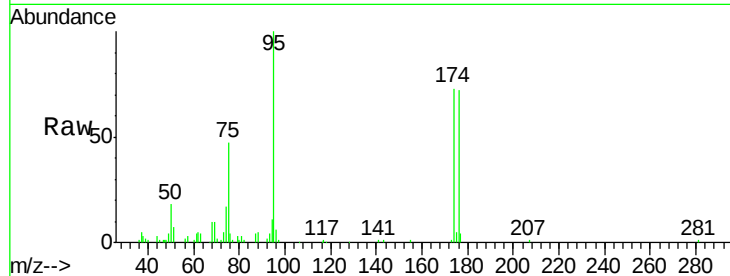




#62
4-Bromofluorobenzene
Concen: 34.921 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001350.D
Acq: 23 Jan 2020 13:51

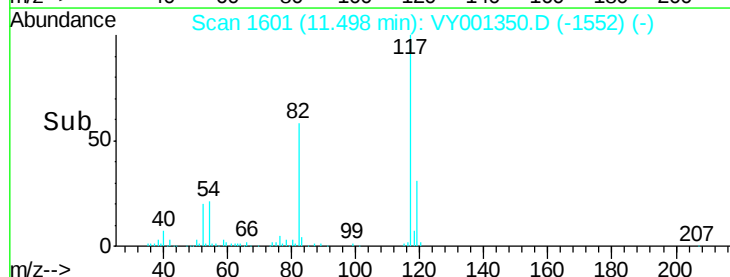
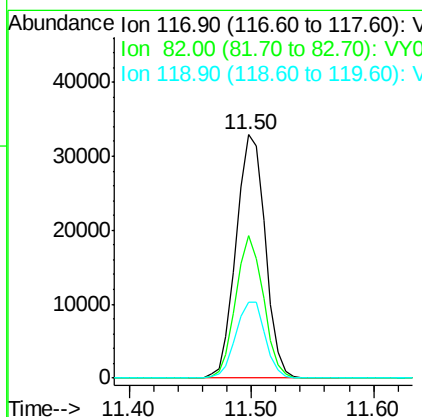
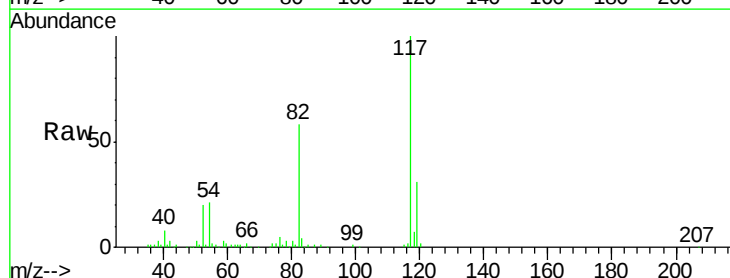
Instrument :
MSVOA_Y
ClientSampleId :
NS-TP

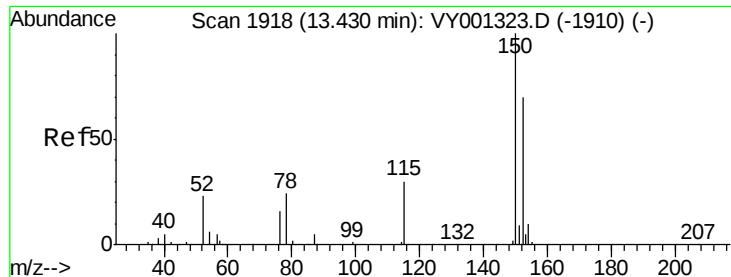
Tot Ion: 95 Resp: 21870
Ion Ratio Lower Upper
95 100
174 75.6 0.0 142.0
176 73.5 0.0 138.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001350.D
Acq: 23 Jan 2020 13:51

Tgt Ion: 117 Resp: 54199
Ion Ratio Lower Upper
117 100
82 58.3 45.5 68.3
119 31.3 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY001350.D

Acq: 23 Jan 2020 13:51

Instrument :

MSVOA_Y

ClientSampleId :

NS-TP

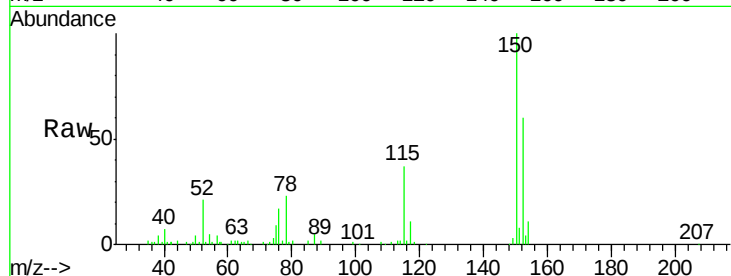
Tot Ion:152 Resp: 18091

Ion Ratio Lower Upper

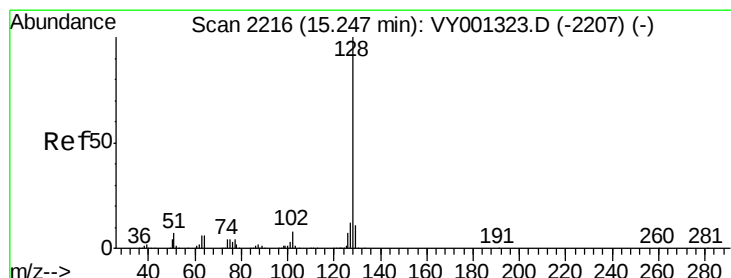
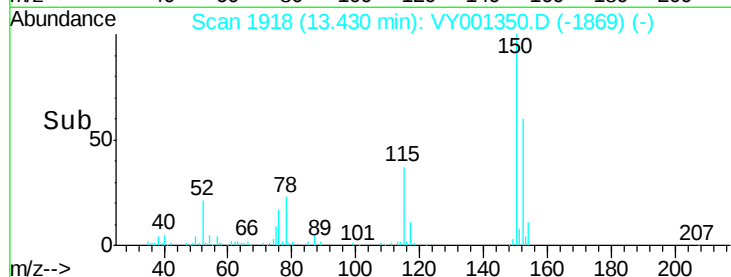
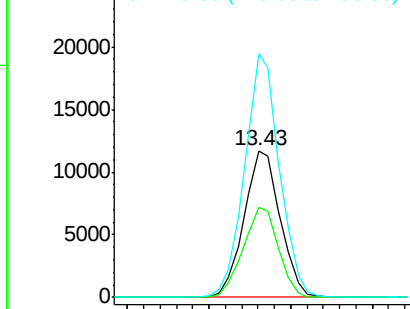
152 100

115 59.5 30.9 92.8

150 159.5 0.0 349.2



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: 1.623 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.00 min

Lab File: VY001350.D

Acq: 23 Jan 2020 13:51

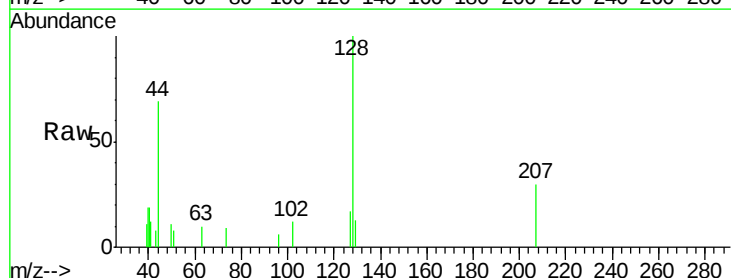
Tgt Ion:128 Resp: 1399

Ion Ratio Lower Upper

128 100

127 10.8 10.2 15.2

129 12.7 8.7 13.1



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

