

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
 Data File : VY001248.D
 Acq On : 16 Jan 2020 03:25
 Operator : SY/MD
 Sample : L1136-12
 Misc : 7.74G/5ML/MSVOA Y/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WP022SB458 200113 36-38

Quant Time: Jan 16 08:59:42 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

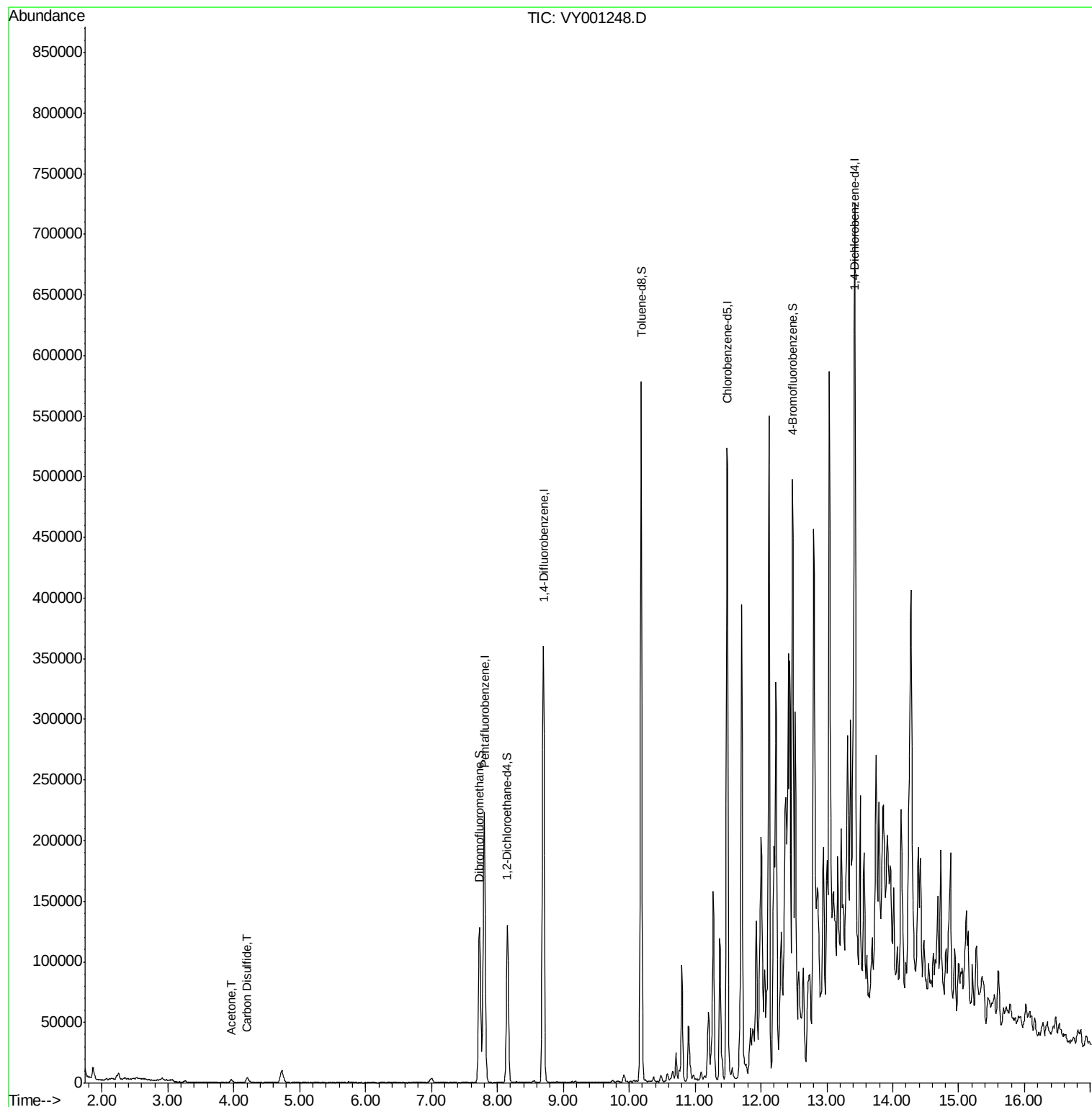
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	174466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	312613	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	277799	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	122300	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	98291	53.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.68%	
35) Dibromofluoromethane	7.73	113	92046	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
50) Toluene-d8	10.18	98	367034	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	12.48	95	129846	45.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.06%	
Target Compounds						
16) Acetone	3.96	43	4227	9.877	ug/l	100
17) Carbon Disulfide	4.20	76	7196	1.247	ug/l	100

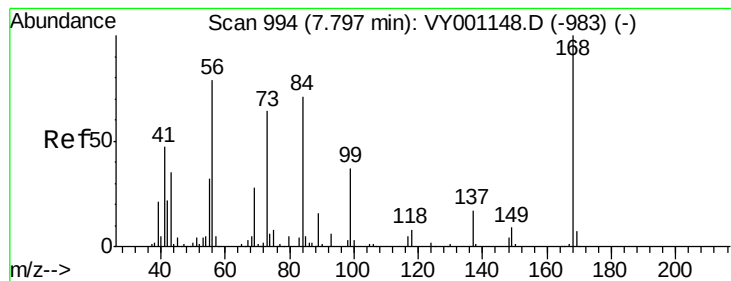
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001248.D

Acq: 16 Jan 2020 03:25

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ClientSampleId :

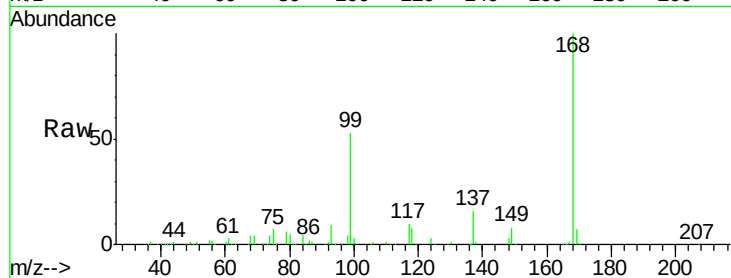
WP022SB458_200113_36-38

Tot Ion:168 Resp: 174466

Ion Ratio Lower Upper

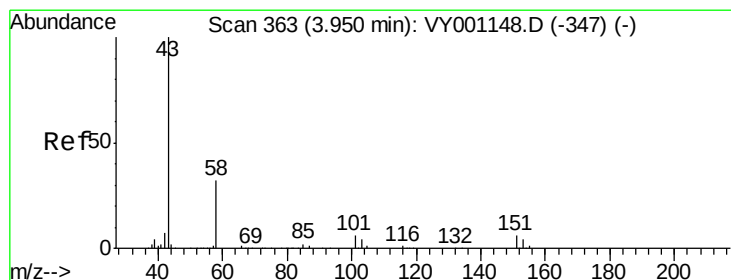
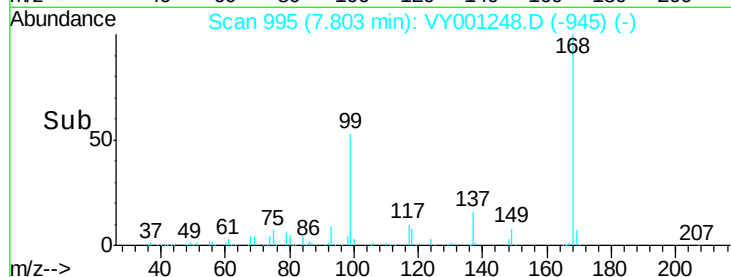
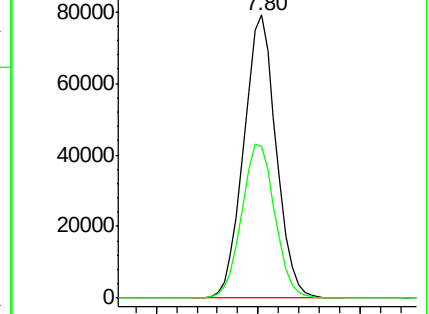
168 100

99 53.4 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) (-)



#16

Acetone

Concen: 9.877 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001248.D

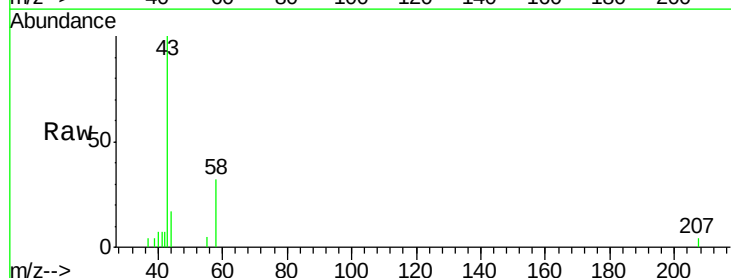
Acq: 16 Jan 2020 03:25

Tgt Ion: 43 Resp: 4227

Ion Ratio Lower Upper

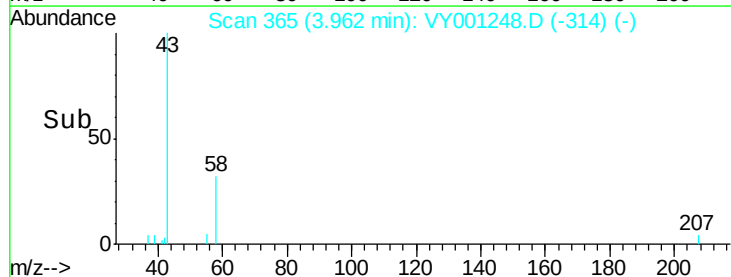
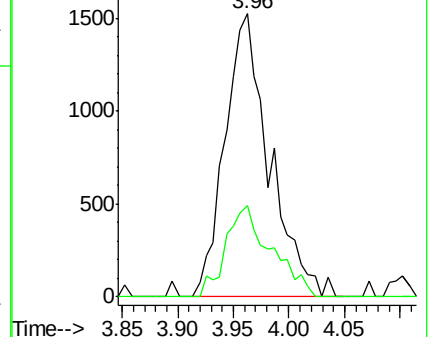
43 100

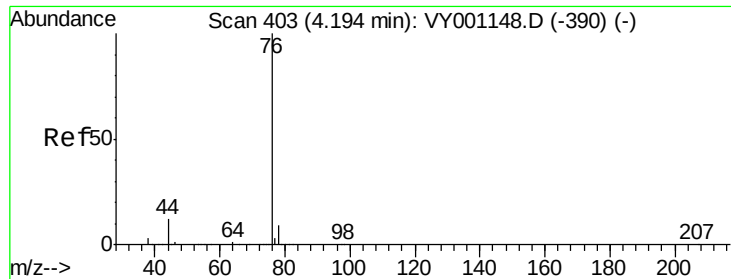
58 32.4 25.8 38.6



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

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





#17

Carbon Disulfide

Concen: 1.247 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY001248.D

Acq: 16 Jan 2020 03:25

Instrument :

MSVOA_Y

ClientSampleId :

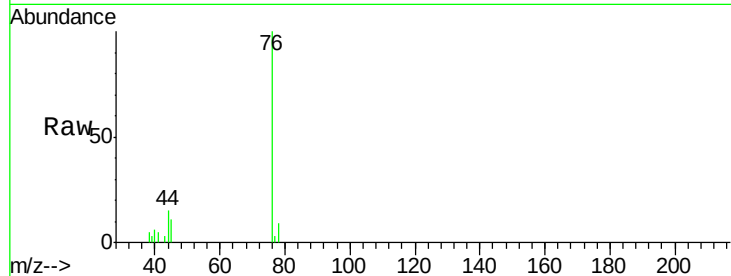
WP022SB458_200113_36-38

Tot Ion: 76 Resp: 7196

Ion Ratio Lower Upper

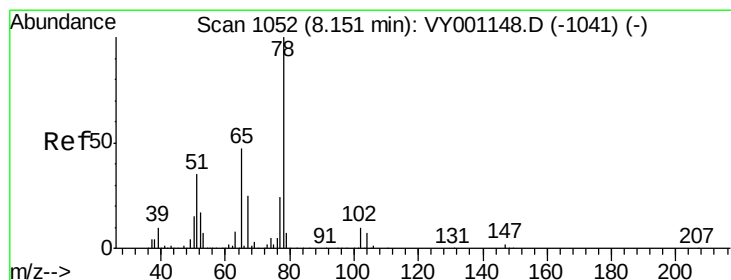
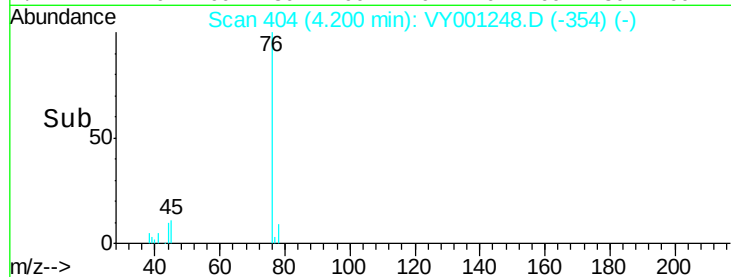
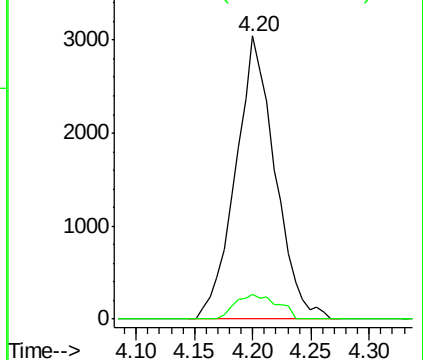
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#33

1,2-Dichloroethane-d4

Concen: 53.342 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001248.D

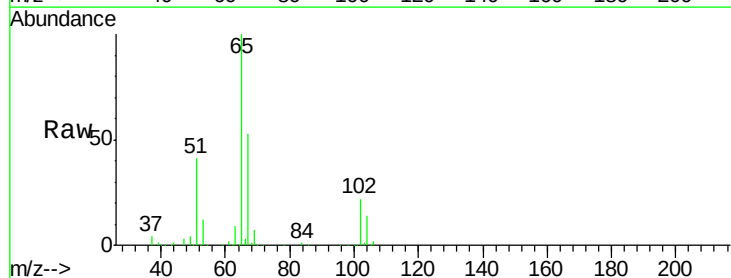
Acq: 16 Jan 2020 03:25

Tgt Ion: 65 Resp: 98291

Ion Ratio Lower Upper

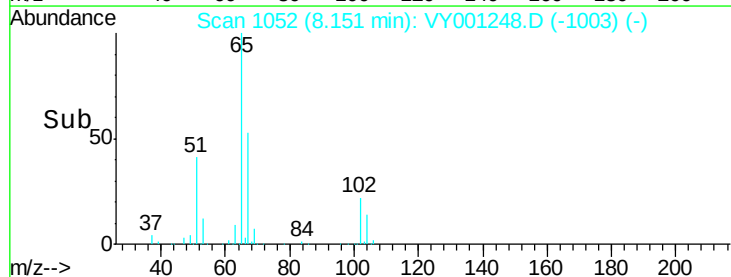
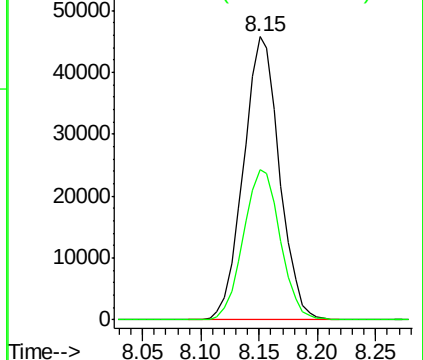
65 100

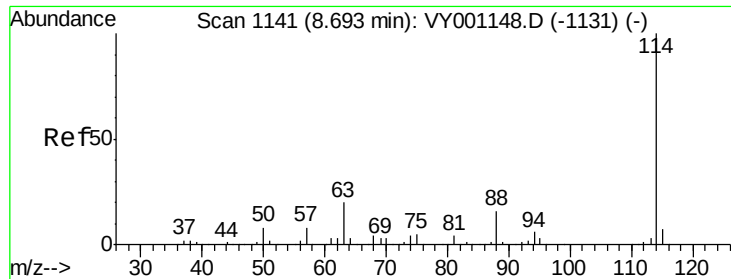
67 54.5 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

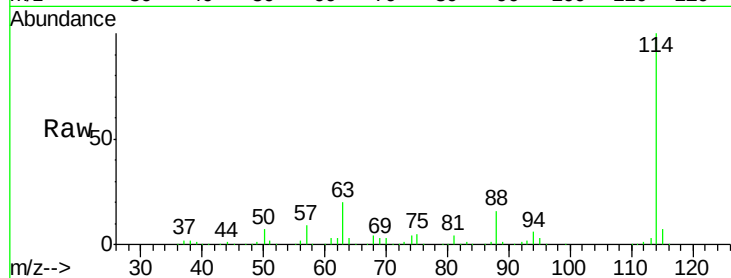




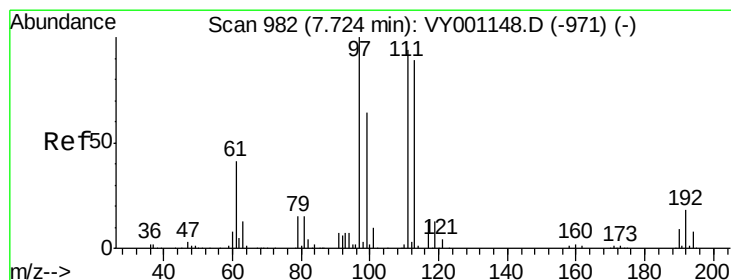
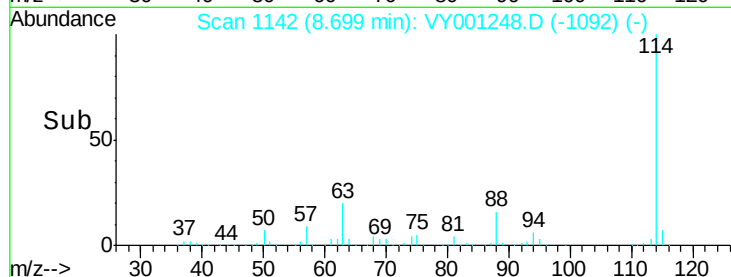
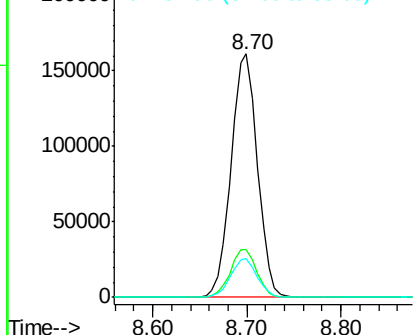
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. 0.01 min
Lab File: VY001248.D
Acq: 16 Jan 2020 03:25

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB458_200113_36-38

Tot Ion:114 Resp: 312613
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.8
88 16.0 0.0 32.4

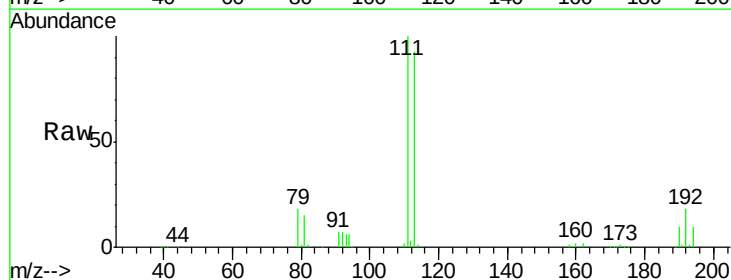


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

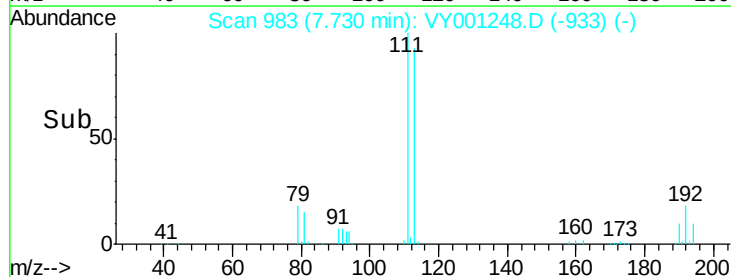
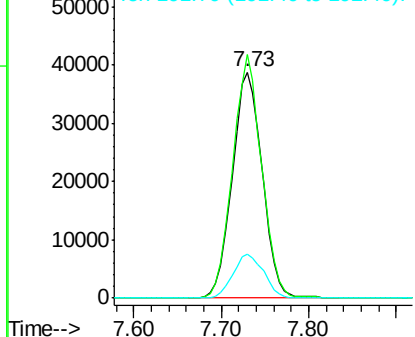


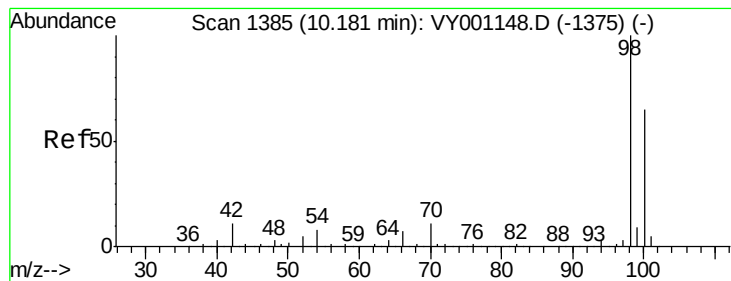
#35
Dibromofluoromethane
Concen: 50.289 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001248.D
Acq: 16 Jan 2020 03:25

Tgt Ion:113 Resp: 92046
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 19.9 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: 52.042 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001248.D

Acq: 16 Jan 2020 03:25

Instrument :

MSVOA_Y

ClientSampleId :

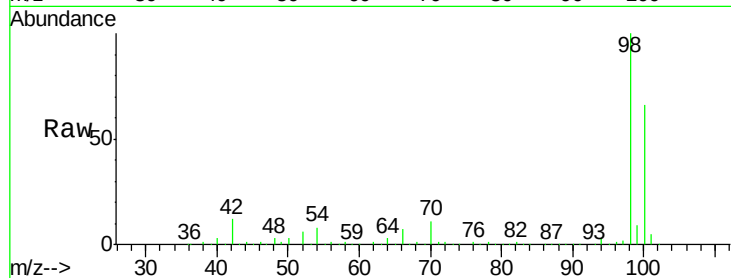
WP022SB458_200113_36-38

Tot Ion: 98 Resp: 367034

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.18

250000

200000

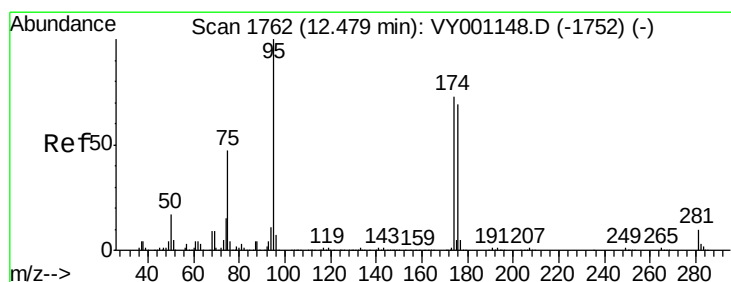
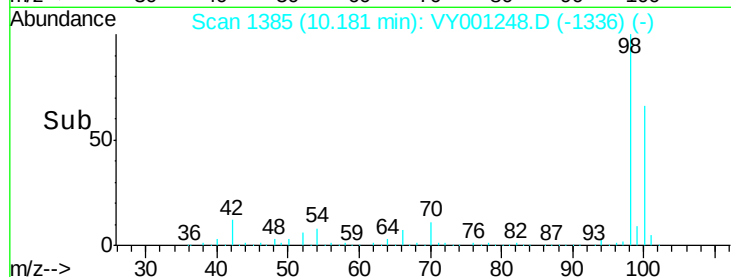
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.034 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY001248.D

Acq: 16 Jan 2020 03:25

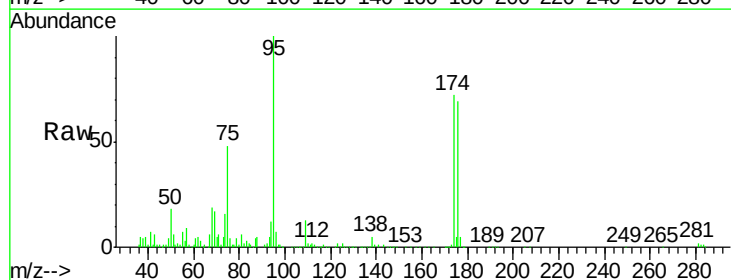
Tgt Ion: 95 Resp: 129846

Ion Ratio Lower Upper

95 100

174 73.5 0.0 143.2

176 71.3 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

12.48

100000

80000

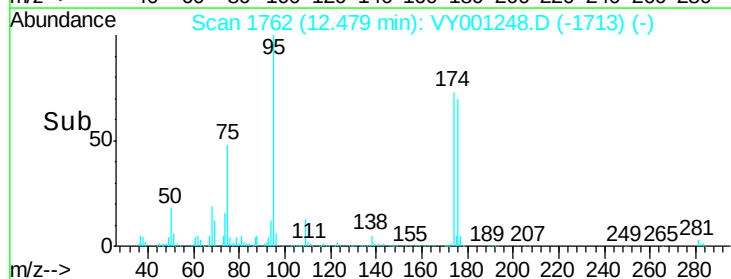
60000

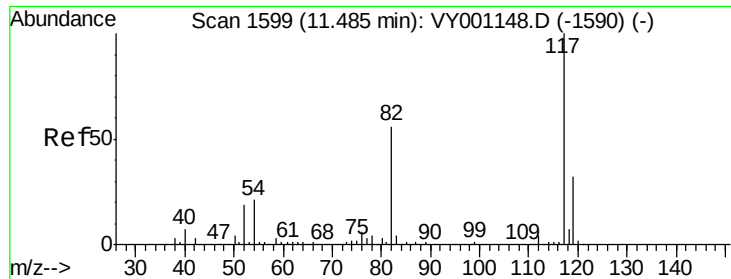
40000

20000

0

Time-->

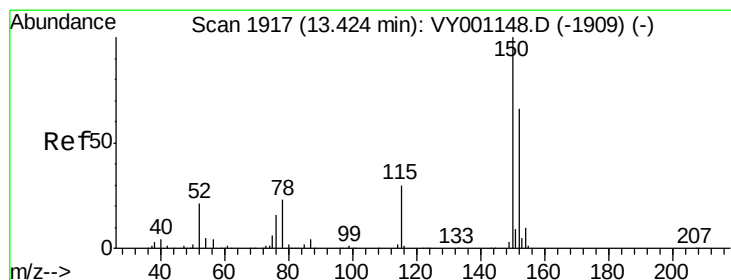
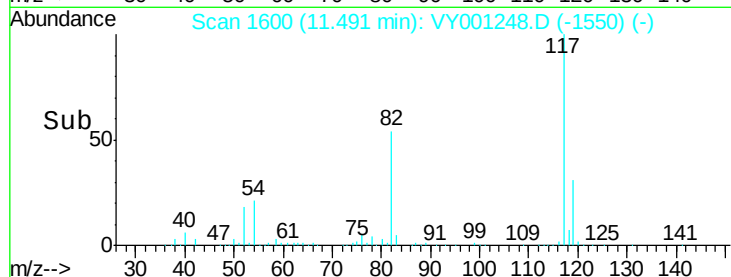
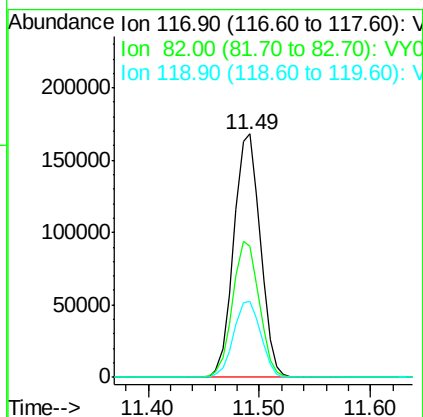
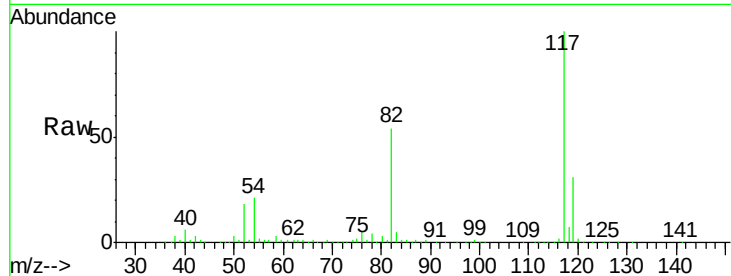




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001248.D
Acq: 16 Jan 2020 03:25

Instrument :
MSVOA_Y
ClientSampleId :
WP022SB458_200113_36-38

Tot Ion:117 Resp: 277799
Ion Ratio Lower Upper
117 100
82 54.0 44.9 67.3
119 31.2 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: VY001248.D
Acq: 16 Jan 2020 03:25

Tgt Ion:152 Resp: 122300
Ion Ratio Lower Upper
152 100
115 57.4 30.9 92.5
150 149.6 0.0 346.8

