

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
 Data File : VY001275.D
 Acq On : 17 Jan 2020 19:02
 Operator : SY/MD
 Sample : L1006-01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-011520

Quant Time: Jan 18 04:39:56 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

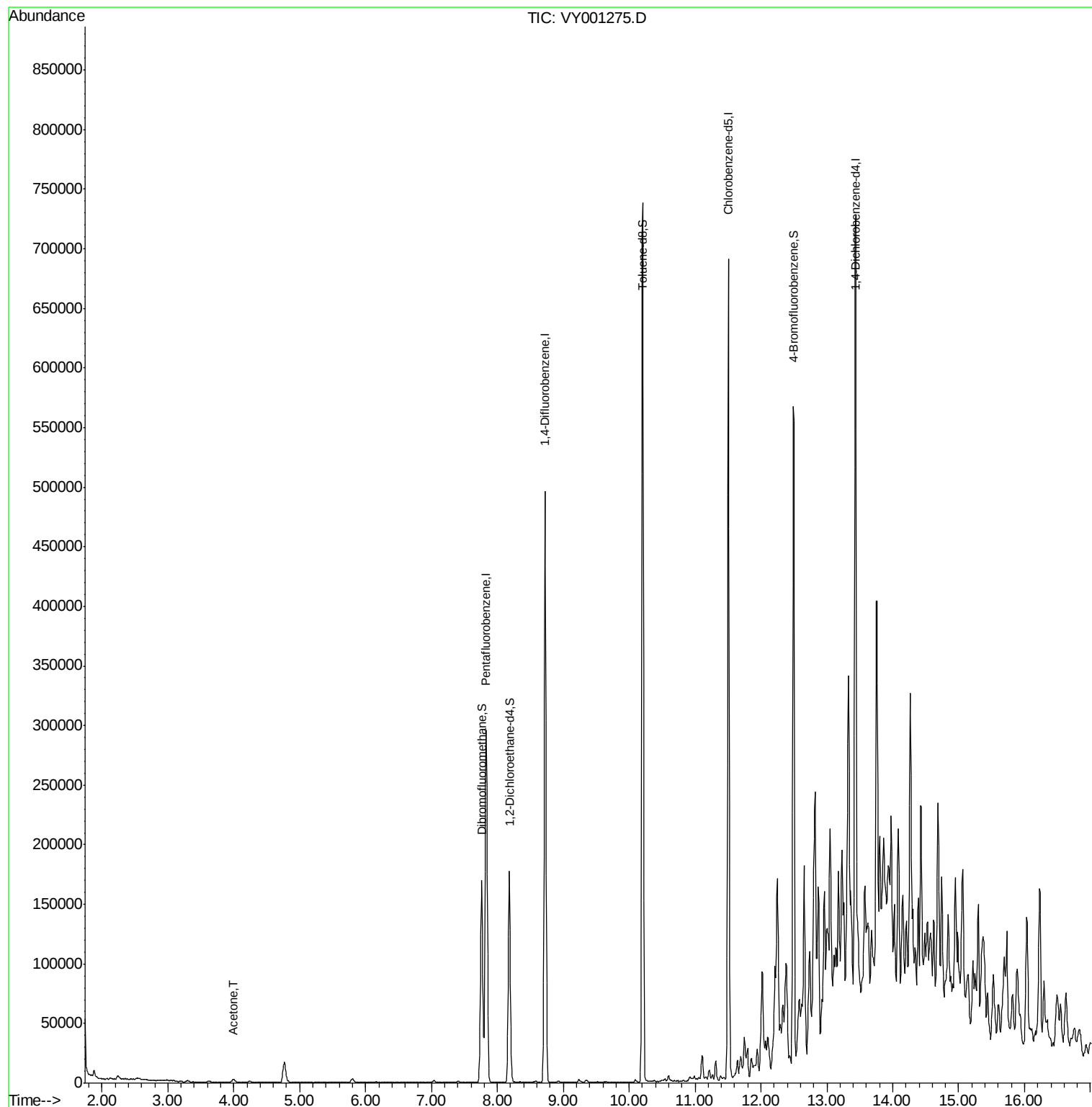
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	228689	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.72	114	416847	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.50	117	373108	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.44	152	165457	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	133882	55.43	ug/l	0.03
Spiked Amount 50.000			Recovery	=	110.86%	
35) Dibromofluoromethane	7.76	113	124370	50.96	ug/l	0.04
Spiked Amount 50.000			Recovery	=	101.92%	
50) Toluene-d8	10.21	98	494260	52.56	ug/l	0.02
Spiked Amount 50.000			Recovery	=	105.12%	
62) 4-Bromofluorobenzene	12.49	95	185241	48.18	ug/l	0.01
Spiked Amount 50.000			Recovery	=	96.36%	
Target Compounds						
16) Acetone	3.99	43	4270	7.612	ug/l	Qvalue 89

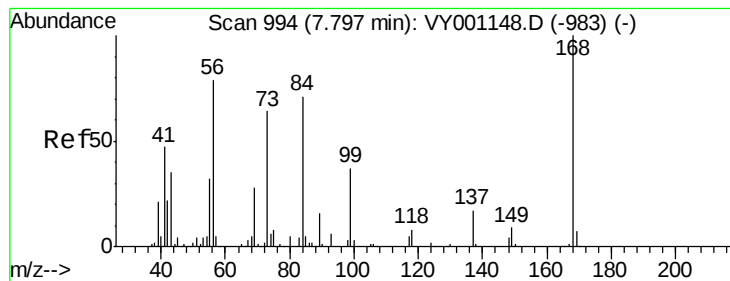
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 1000

Delta R.T. 0.04 min

Lab File: VY001275.D

Acq: 17 Jan 2020 19:02

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MSVOA_Y

ClientSampleId :

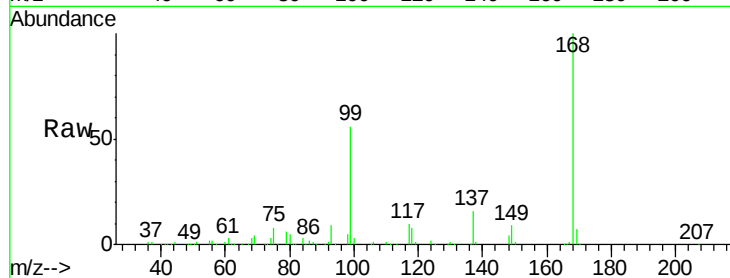
HD-01-011520

Tot Ion:168 Resp: 228689

Ion Ratio Lower Upper

168 100

99 55.9 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) (-)

7.83

100000

80000

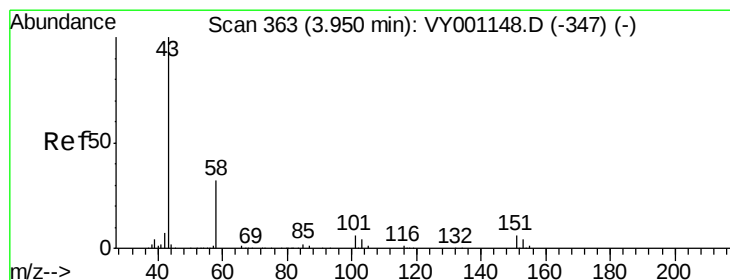
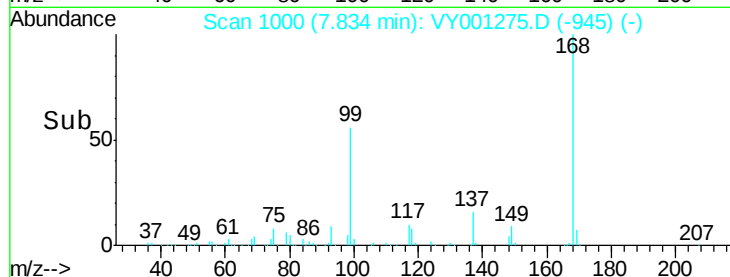
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 7.612 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.04 min

Lab File: VY001275.D

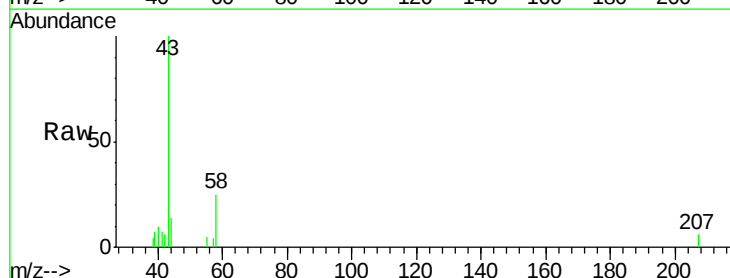
Acq: 17 Jan 2020 19:02

Tgt Ion: 43 Resp: 4270

Ion Ratio Lower Upper

43 100

58 25.8 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) (-)

3.99

2000

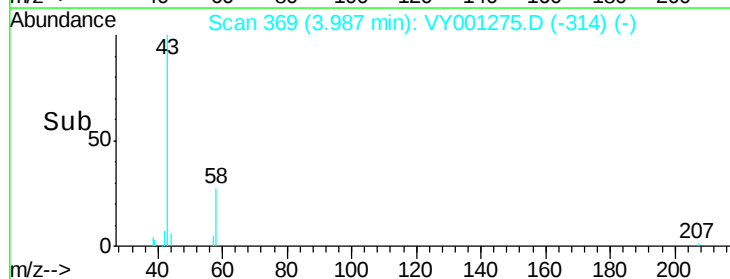
1500

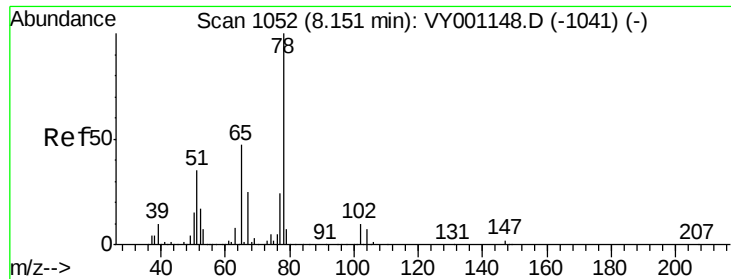
1000

500

0

Time-->

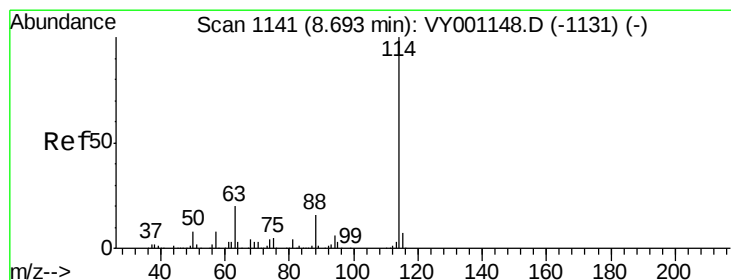
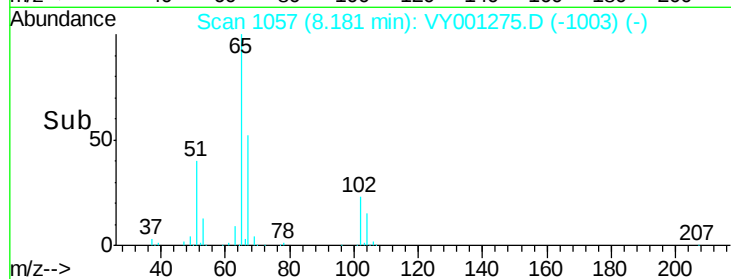
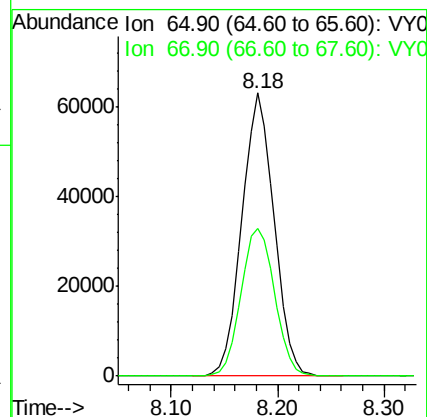
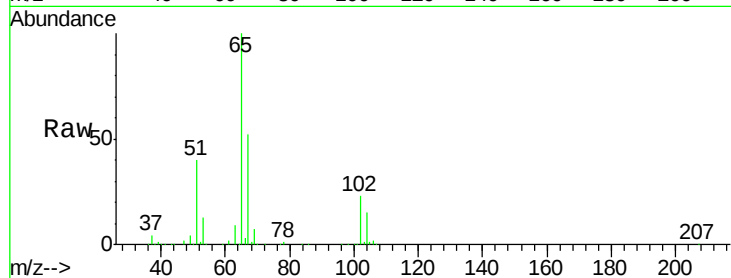




#33
 1,2-Dichloroethane-d4
 Concen: 55.430 ug/l
 RT: 8.18 min Scan# 1057
 Delta R.T. 0.03 min
 Lab File: VY001275.D
 Acq: 17 Jan 2020 19:02

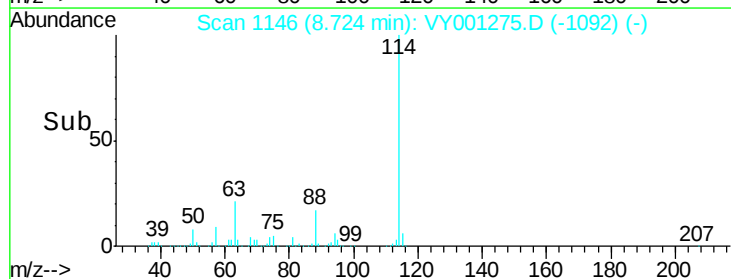
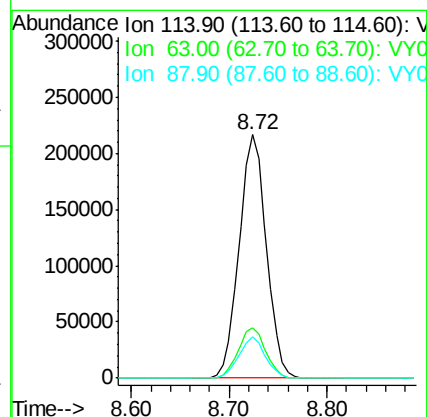
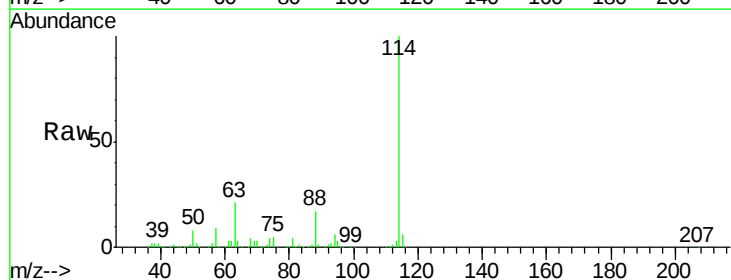
Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-011520

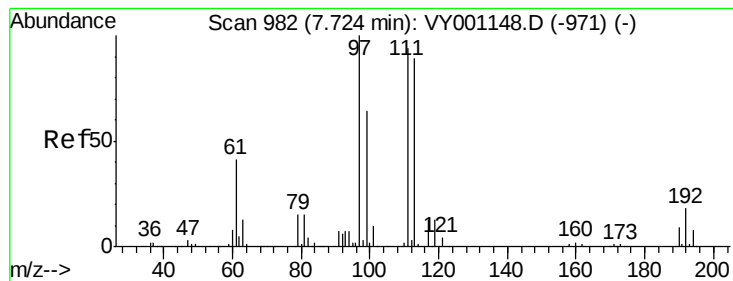
Tot Ion: 65 Resp: 133882
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1146
 Delta R.T. 0.03 min
 Lab File: VY001275.D
 Acq: 17 Jan 2020 19:02

Tgt Ion: 114 Resp: 416847
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 16.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.958 ug/l

RT: 7.76 min Scan# 988

Delta R.T. 0.04 min

Lab File: VY001275.D

Acq: 17 Jan 2020 19:02

Instrument :

MSVOA_Y

ClientSampleId :

HD-01-011520

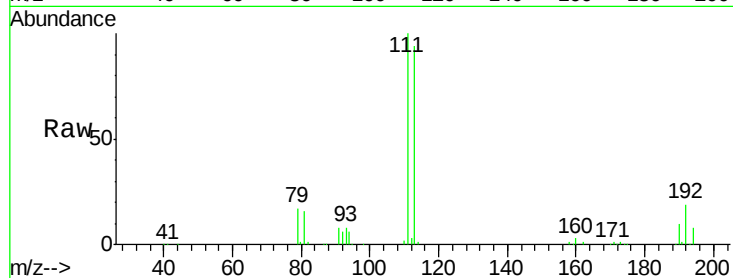
Tot Ion:113 Resp: 124370

Ion Ratio Lower Upper

113 100

111 104.0 82.9 124.3

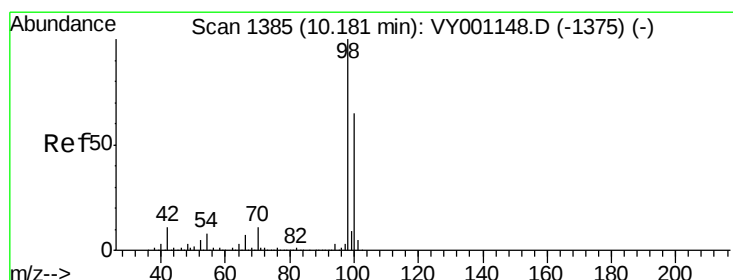
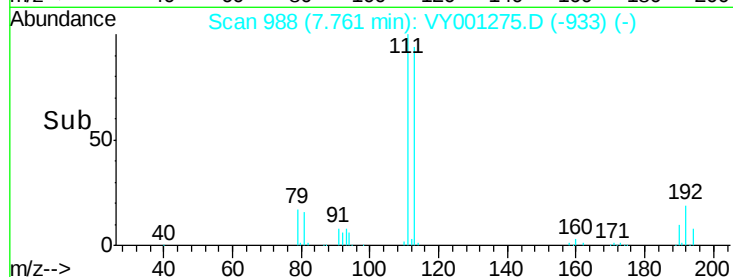
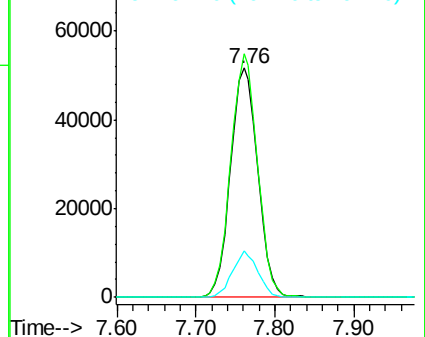
192 18.8 15.4 23.2



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: 52.558 ug/l

RT: 10.21 min Scan# 1389

Delta R.T. 0.02 min

Lab File: VY001275.D

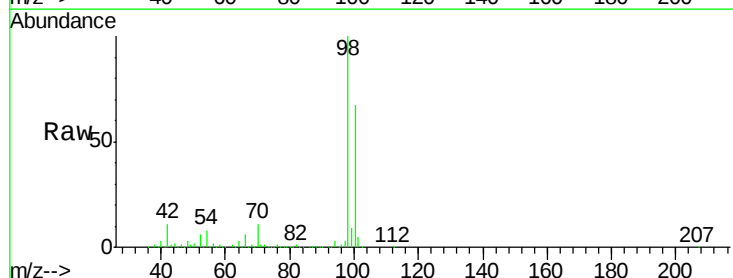
Acq: 17 Jan 2020 19:02

Tgt Ion: 98 Resp: 494260

Ion Ratio Lower Upper

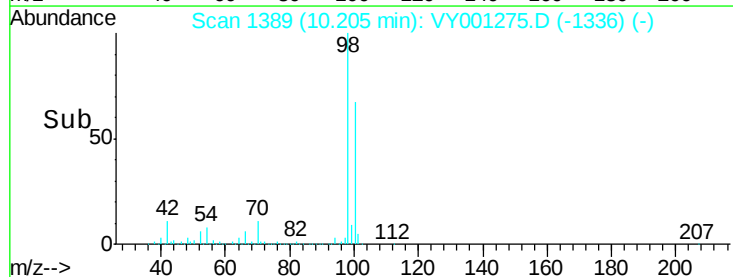
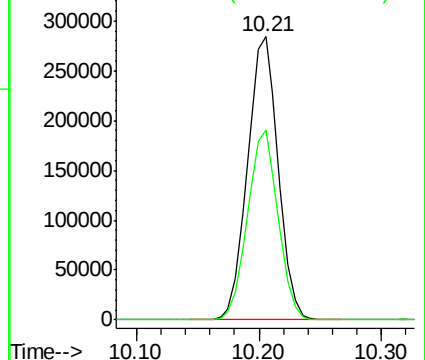
98 100

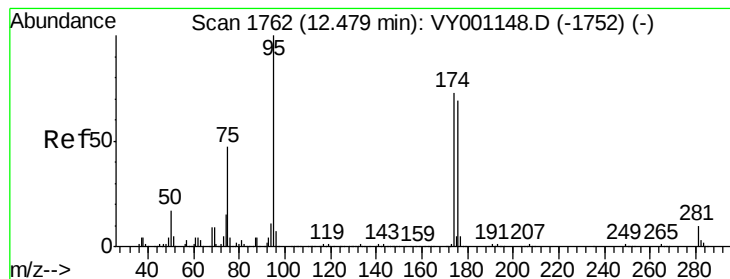
100 66.5 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 48.181 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001275.D

Acq: 17 Jan 2020 19:02

Instrument :

MSVOA_Y

ClientSampleId :

HD-01-011520

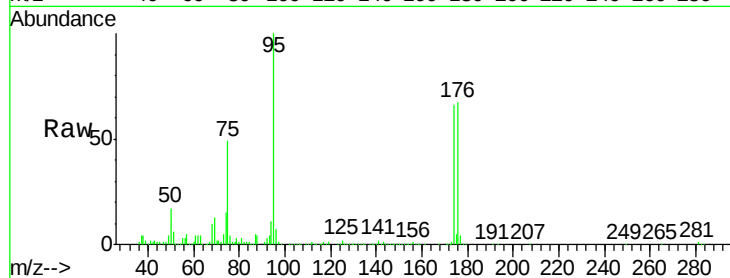
Tot Ion: 95 Resp: 185241

Ion Ratio Lower Upper

95 100

174 70.0 0.0 143.2

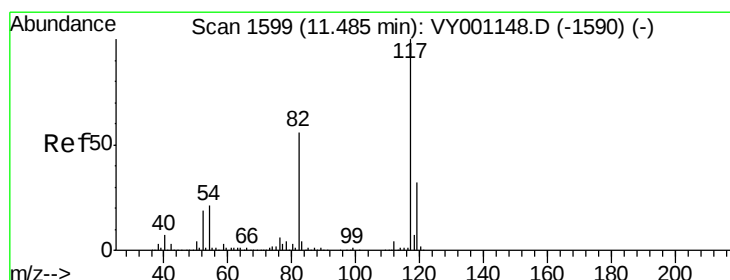
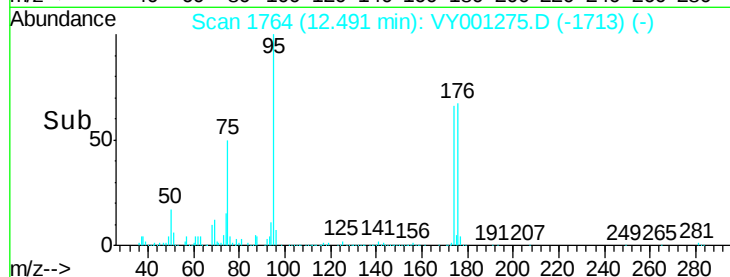
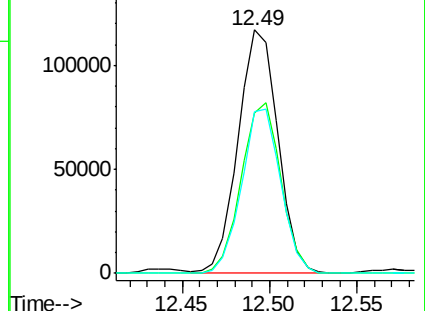
176 66.7 0.0 136.0



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: 11.50 min Scan# 1602

Delta R.T. 0.02 min

Lab File: VY001275.D

Acq: 17 Jan 2020 19:02

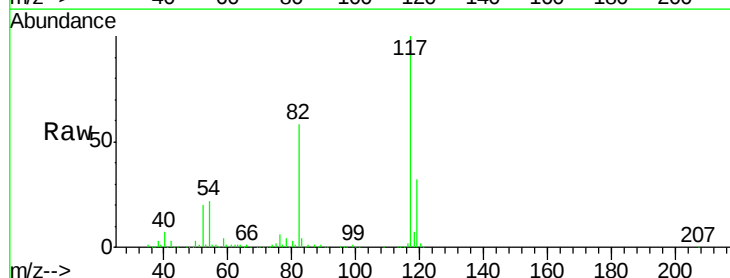
Tgt Ion: 117 Resp: 373108

Ion Ratio Lower Upper

117 100

82 57.6 44.9 67.3

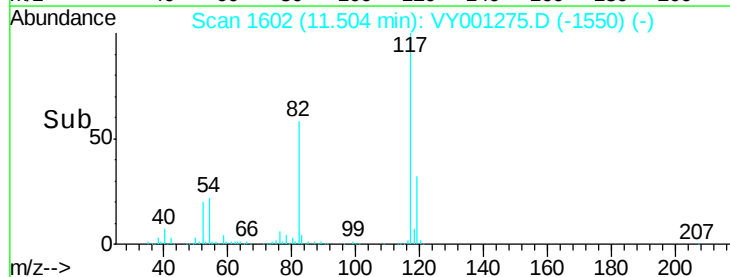
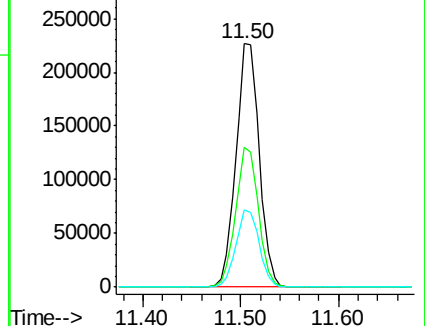
119 31.8 25.7 38.5

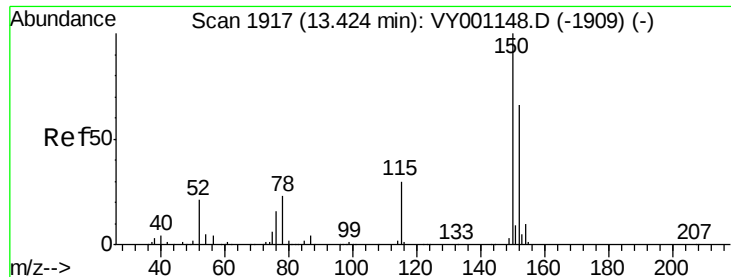


Abundance Ion 116.90 (116.60 to 117.60): VY001148.D (-1590) (-)

Ion 82.00 (81.70 to 82.70): VY001148.D (-1590) (-)

Ion 118.90 (118.60 to 119.60): VY001148.D (-1590) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001275.D

Acq: 17 Jan 2020 19:02

Instrument :

MSVOA_Y

ClientSampleId :

HD-01-011520

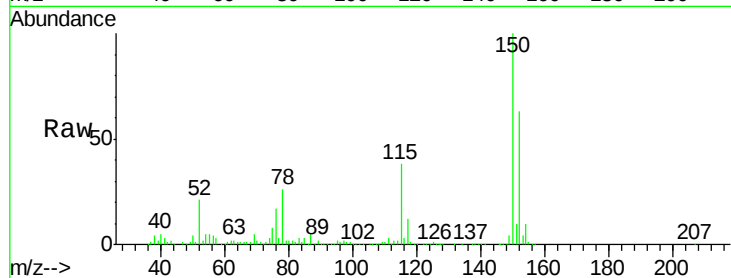
Tot Ion:152 Resp: 165457

Ion Ratio Lower Upper

152 100

115 61.6 30.9 92.5

150 157.9 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

