

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
 Data File : VY001225.D
 Acq On : 15 Jan 2020 17:52
 Operator : SY/MD
 Sample : L1127-03
 Misc : 6.79G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 QVD-SB-02-2-2.5

Quant Time: Jan 16 05:57:12 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

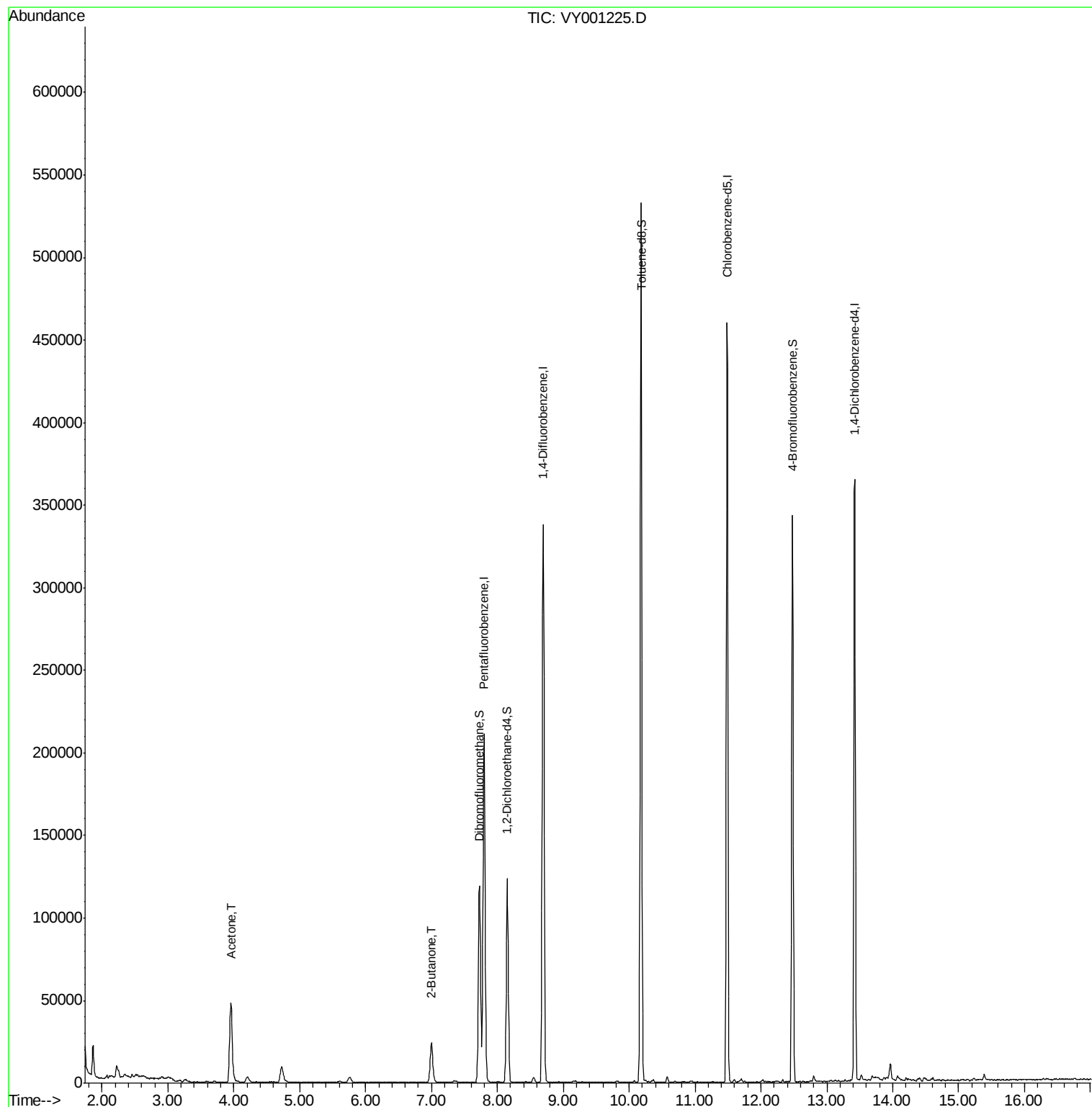
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	168409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	295107	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	251566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	91519	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	90014	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
35) Dibromofluoromethane	7.73	113	85338	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
50) Toluene-d8	10.18	98	346884	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
62) 4-Bromofluorobenzene	12.48	95	109407	40.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.40%	
Target Compounds						
16) Acetone	3.96	43	83230	201.483	ug/l	94
25) 2-Butanone	7.00	43	39941	62.125	ug/l	96

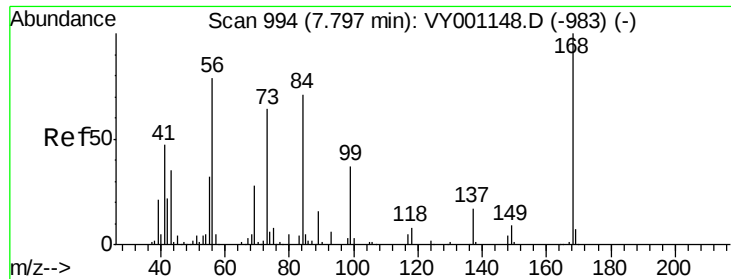
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001225.D

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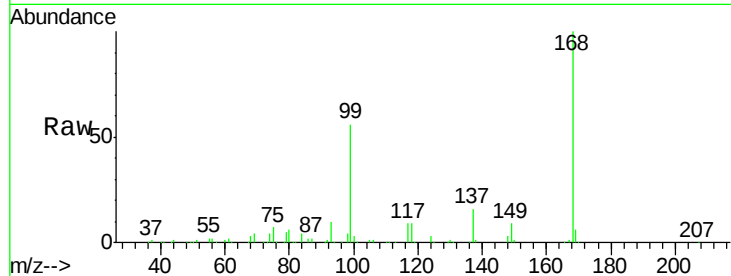
QVD-SB-02-2-2.5

Tot Ion:168 Resp: 168409

Ion Ratio Lower Upper

168 100

99 55.6 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

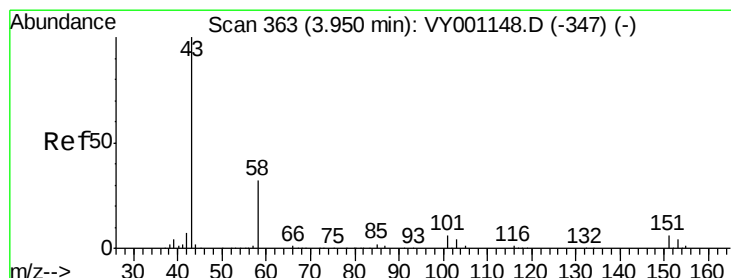
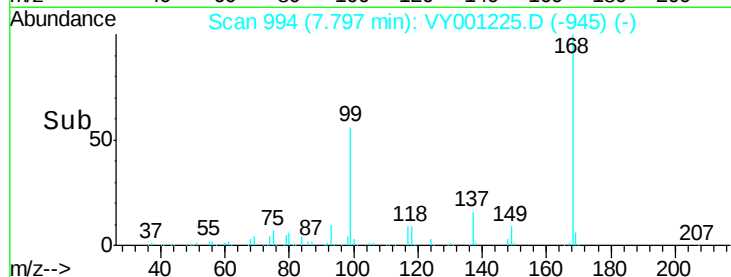
40000

20000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 201.483 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001225.D

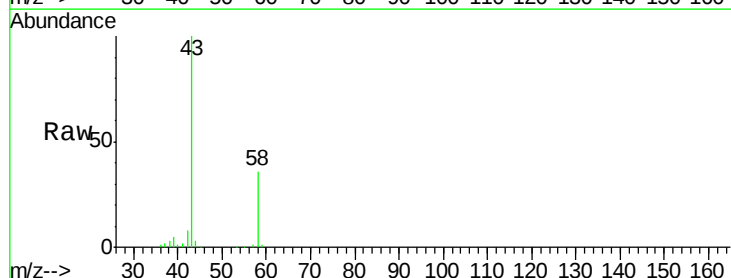
Acq: 15 Jan 2020 17:52

Tgt Ion: 43 Resp: 83230

Ion Ratio Lower Upper

43 100

58 35.7 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

30000

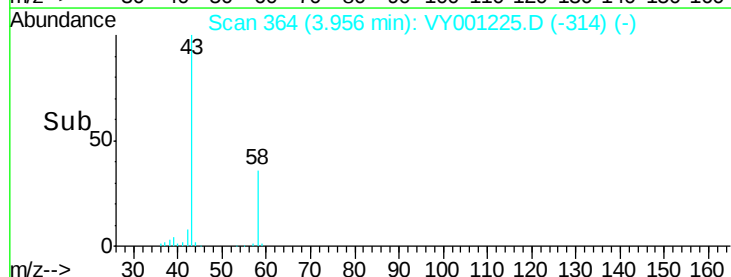
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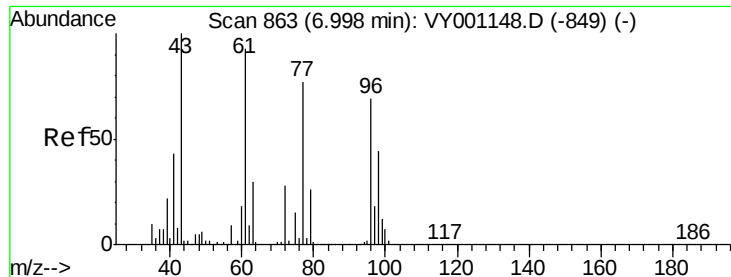
10000

0

3.80 3.90 4.00 4.10

Time-->





#25

2-Butanone

Concen: 62.125 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001225.D

Acq: 15 Jan 2020 17:52

Instrument :

MSVOA_Y

ClientSampleId :

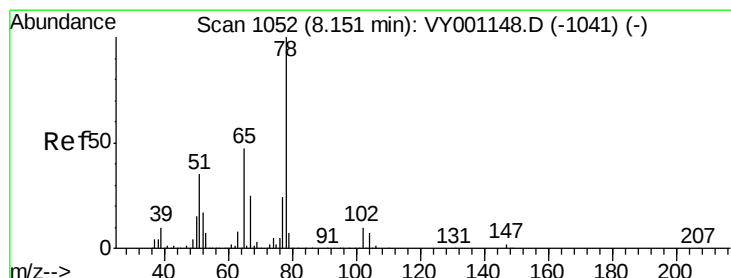
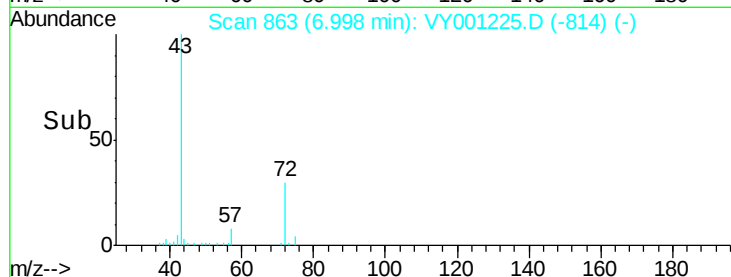
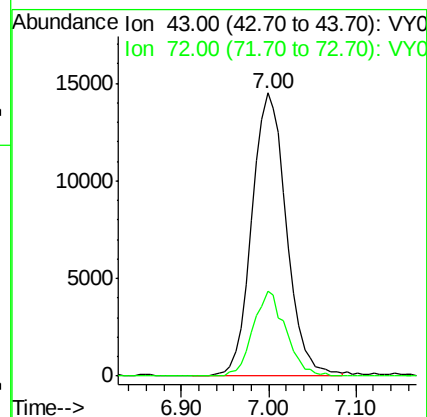
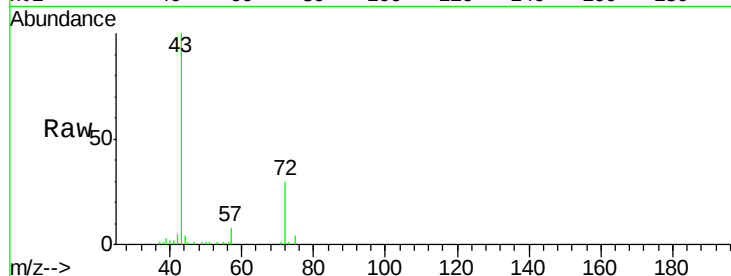
QVD-SB-02-2-2.5

Tot Ion: 43 Resp: 39941

Ion Ratio Lower Upper

43 100

72 29.9 22.2 33.2



#33

1,2-Dichloroethane-d4

Concen: 50.607 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001225.D

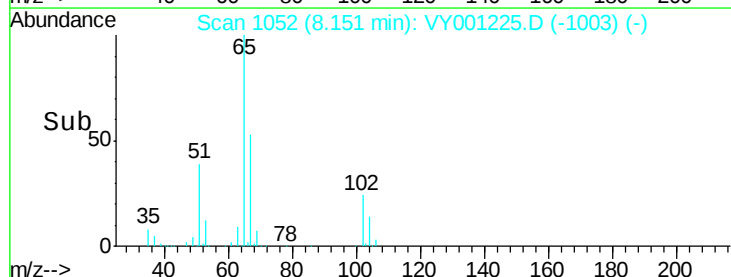
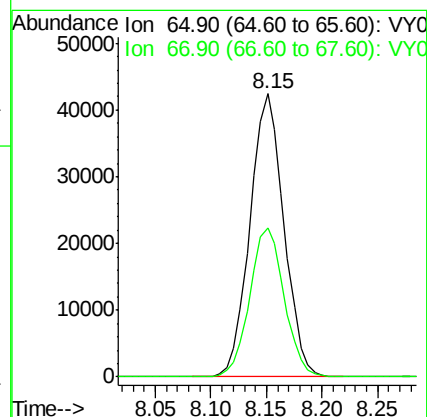
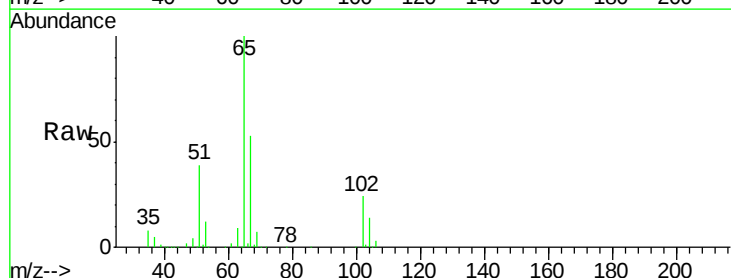
Acq: 15 Jan 2020 17:52

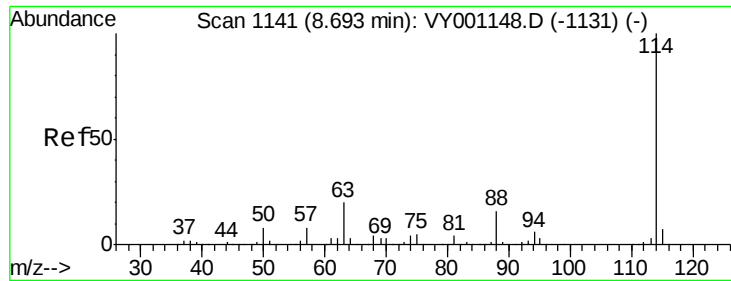
Tgt Ion: 65 Resp: 90014

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.2

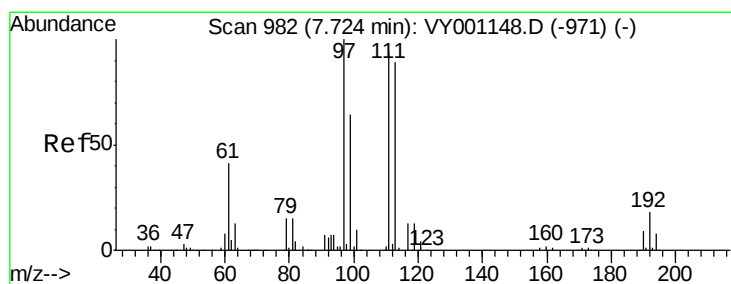
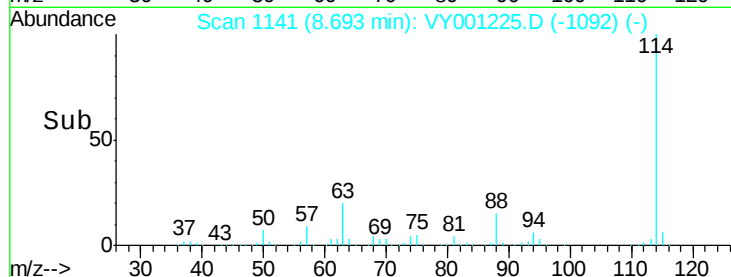
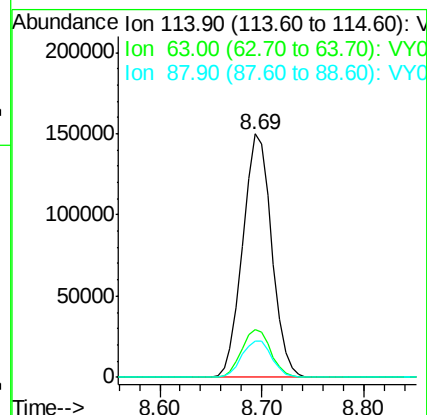
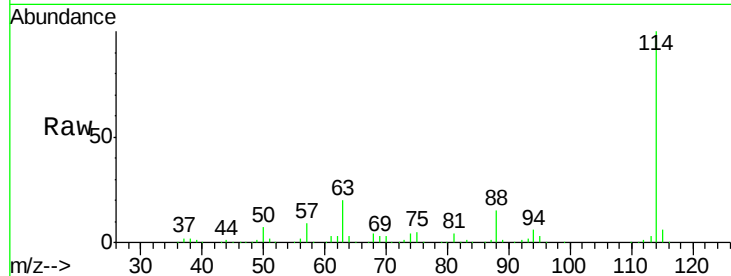




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY001225.D
Acq: 15 Jan 2020 17:52

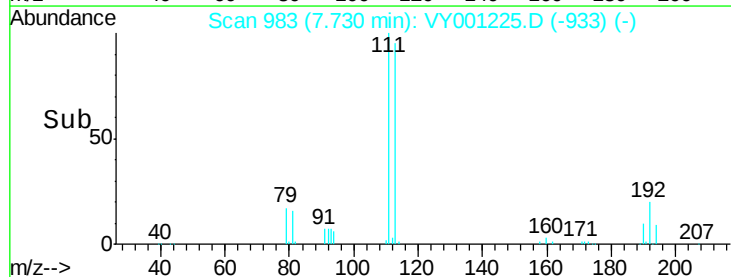
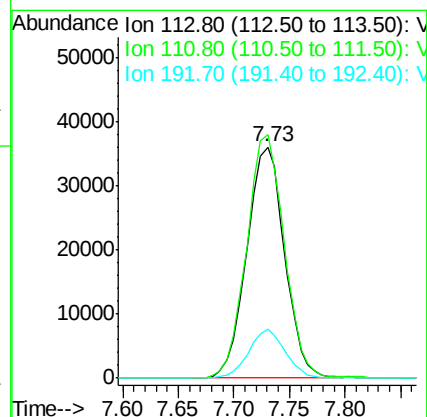
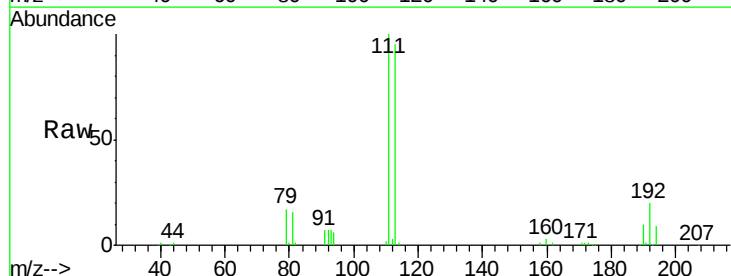
Instrument :
MSVOA_Y
ClientSampleId :
QVD-SB-02-2-2.5

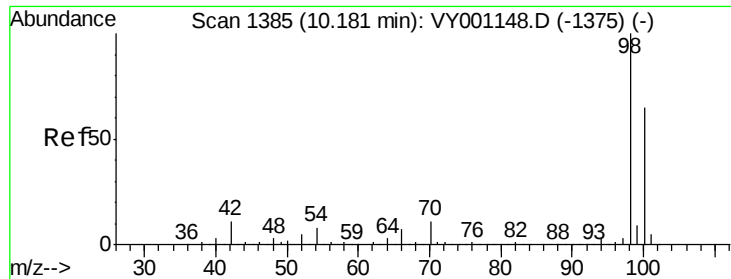
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.8
88	15.1	0.0	32.4



#35
Dibromofluoromethane
Concen: 49.390 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001225.D
Acq: 15 Jan 2020 17:52

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.2	82.9	124.3
192	20.2	15.4	23.2





#50

Toluene-d8

Concen: 52.103 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001225.D

Acq: 15 Jan 2020 17:52

Instrument :

MSVOA_Y

ClientSampleId :

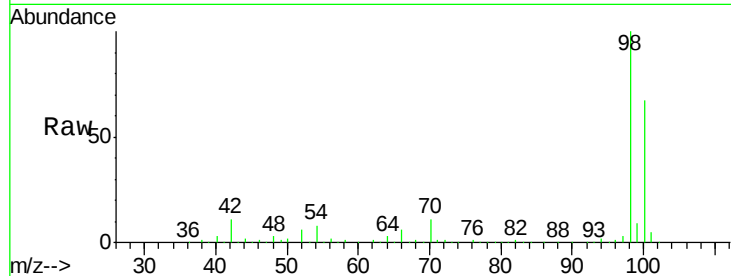
QVD-SB-02-2-2.5

Tot Ion: 98 Resp: 346884

Ion Ratio Lower Upper

98 100

100 65.8 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

200000

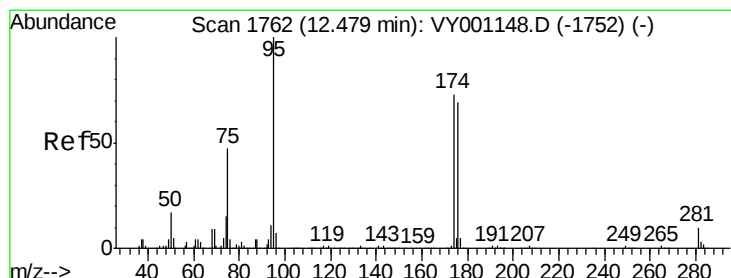
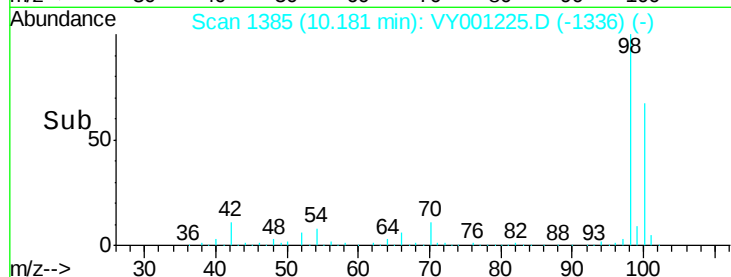
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 40.196 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001225.D

Acq: 15 Jan 2020 17:52

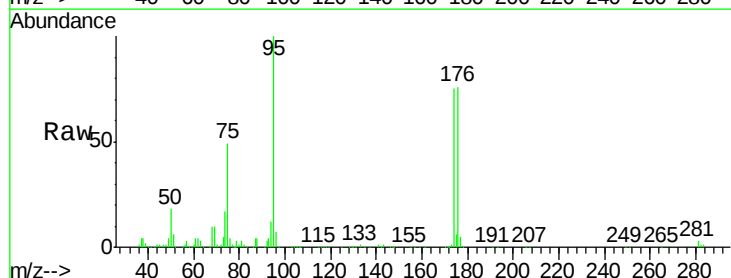
Tgt Ion: 95 Resp: 109407

Ion Ratio Lower Upper

95 100

174 76.2 0.0 143.2

176 73.6 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

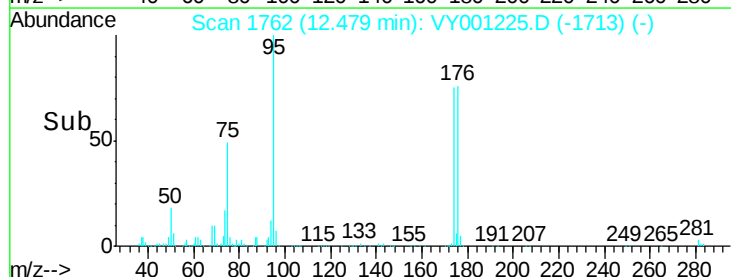
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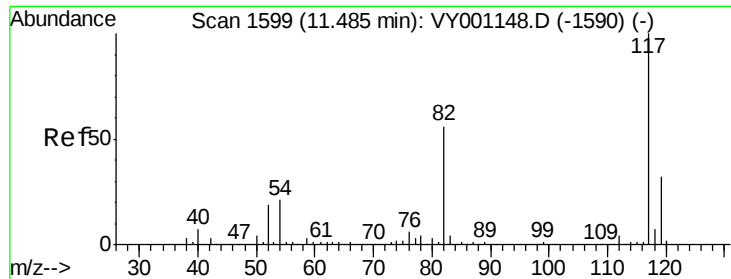
40000

20000

0

Time-->

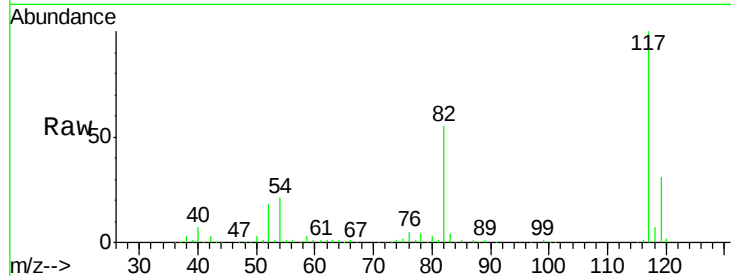




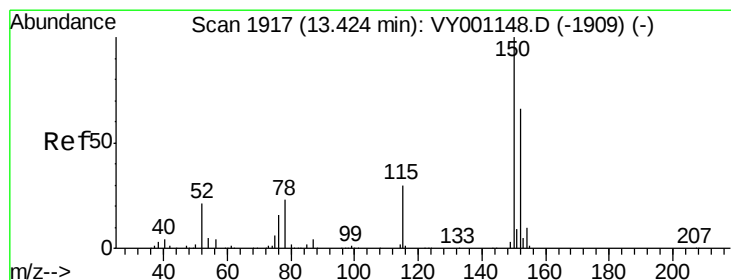
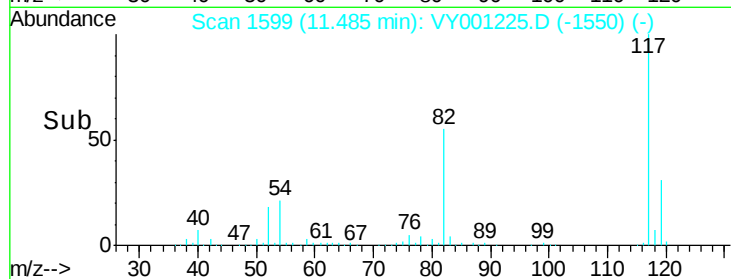
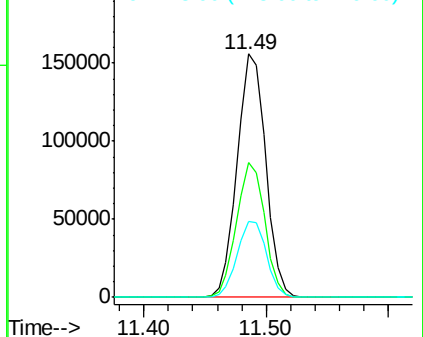
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001225.D
Acq: 15 Jan 2020 17:52

Instrument :
MSVOA_Y
ClientSampleId :
QVD-SB-02-2-2.5

Tot Ion:117 Resp: 251566
Ion Ratio Lower Upper
117 100
82 55.3 44.9 67.3
119 31.4 25.7 38.5

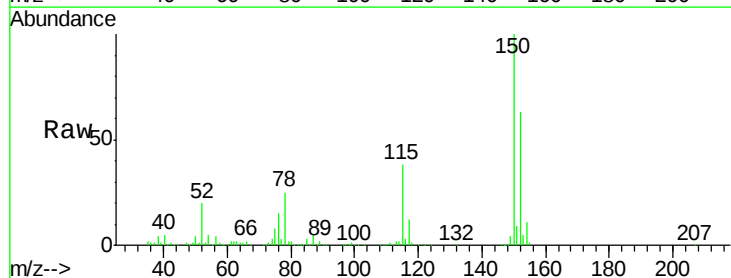


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001225.D
Acq: 15 Jan 2020 17:52

Tgt Ion:152 Resp: 91519
Ion Ratio Lower Upper
152 100
115 59.6 30.9 92.5
150 157.3 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

