

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002565.D
 Acq On : 05 May 2020 01:36
 Operator : SY/MD
 Sample : L2477-02
 Misc : 5.39G/5ML/MSVOA Y/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-0D015-03-012

Quant Time: May 05 09:10:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

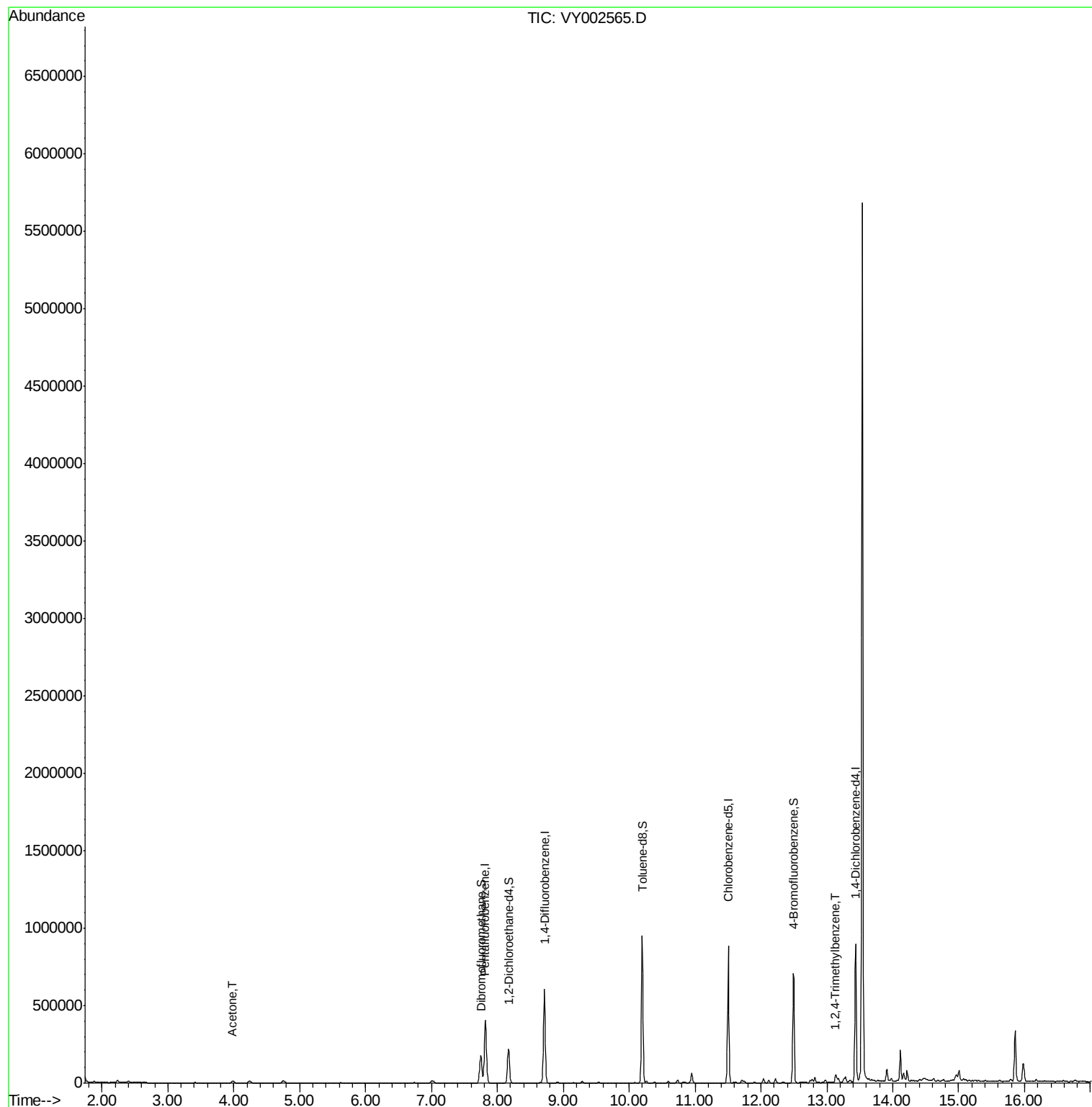
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	338015	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	553200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	496811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	245039	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	169708	59.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.42%	
35) Dibromofluoromethane	7.75	113	126233	39.90	ug/l	0.01
Spiked Amount 50.000			Recovery	=	79.80%	
50) Toluene-d8	10.20	98	645546	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
62) 4-Bromofluorobenzene	12.49	95	215373	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
Target Compounds						
16) Acetone	3.98	43	23768	40.522	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	26055	1.986	ug/l	87

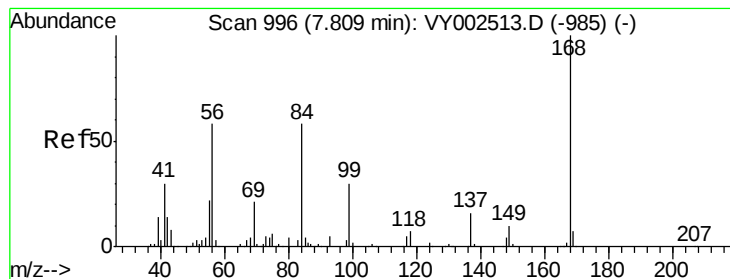
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002565.D

Acq: 05 May 2020 01:36

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MSVOA_Y

ClientSampleId :

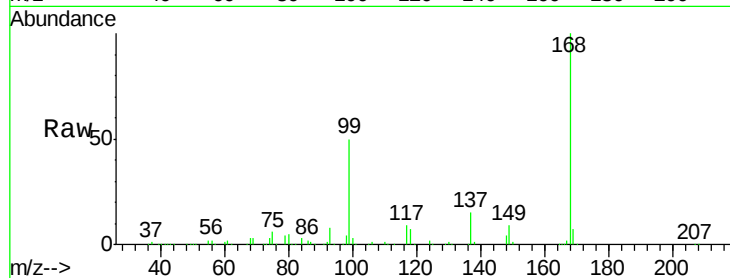
FK-0D015-03-012

Tot Ion:168 Resp: 338015

Ion Ratio Lower Upper

168 100

99 50.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.82

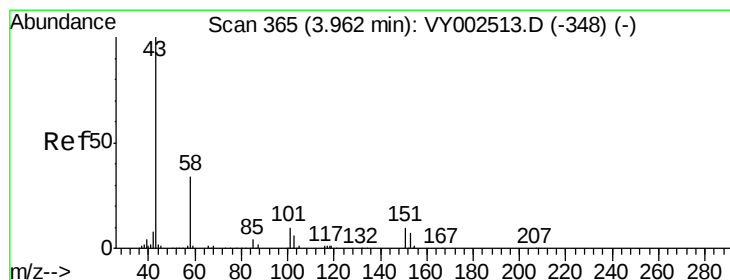
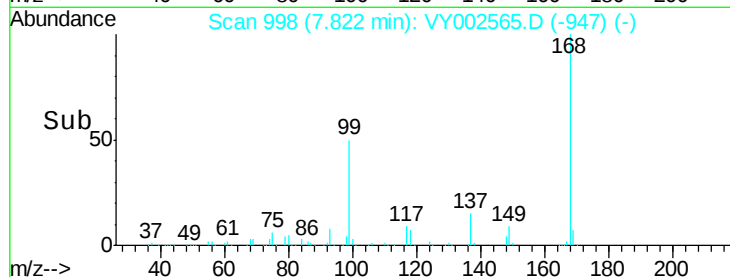
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 40.522 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.02 min

Lab File: VY002565.D

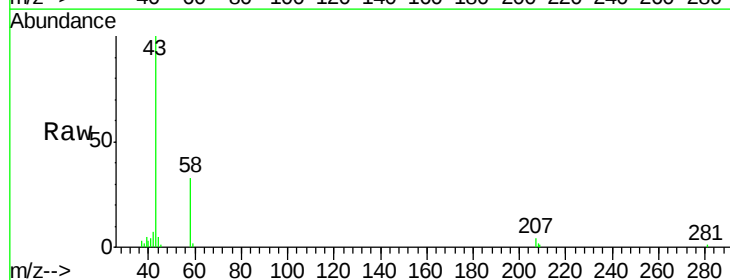
Acq: 05 May 2020 01:36

Tgt Ion: 43 Resp: 23768

Ion Ratio Lower Upper

43 100

58 32.5 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VY002513.D (-348) (-)

3.98

8000

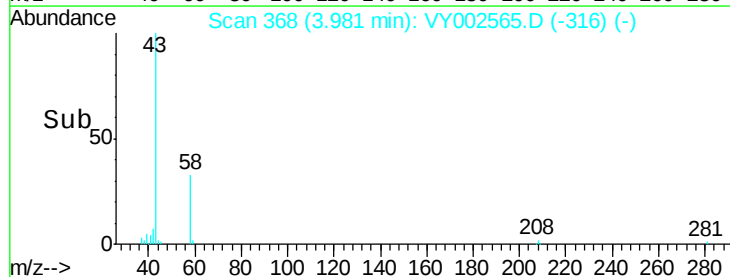
6000

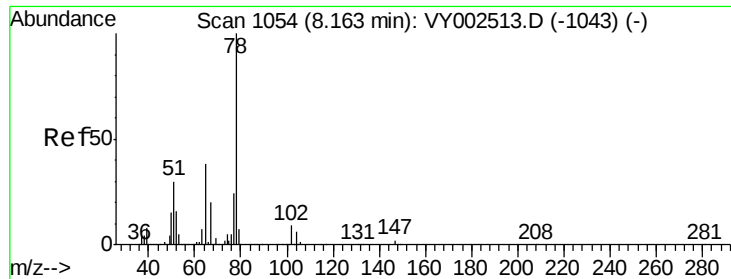
4000

2000

0

Time-->

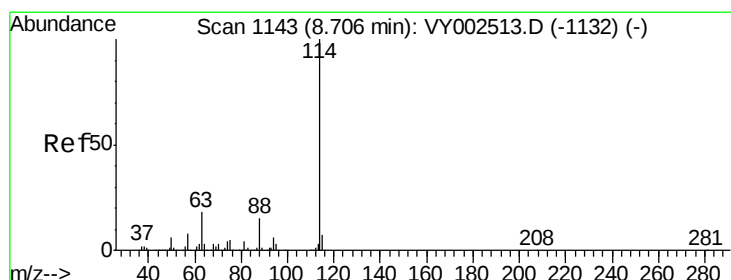
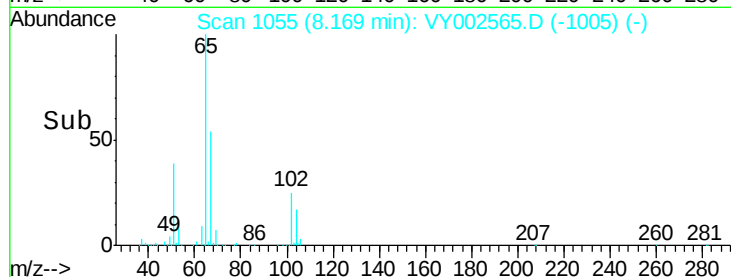
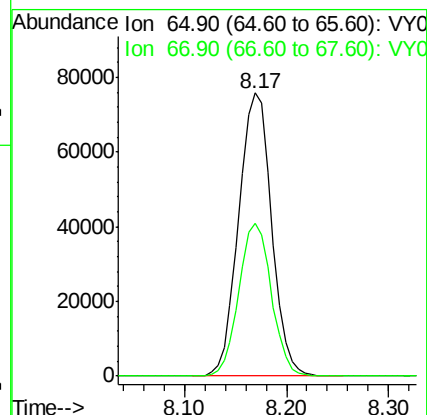
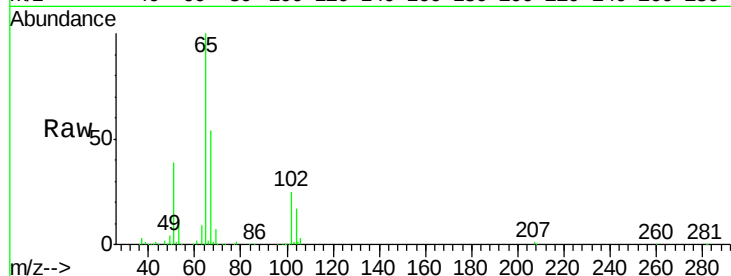




#33
 1,2-Dichloroethane-d4
 Concen: 59.712 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY002565.D
 Acq: 05 May 2020 01:36

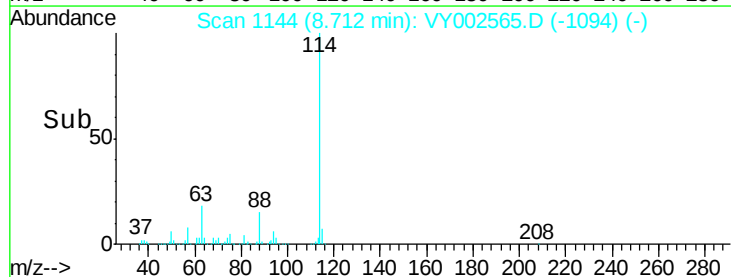
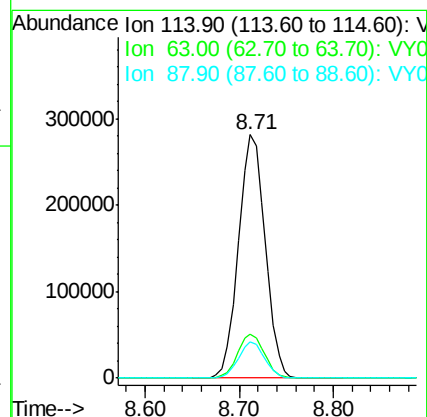
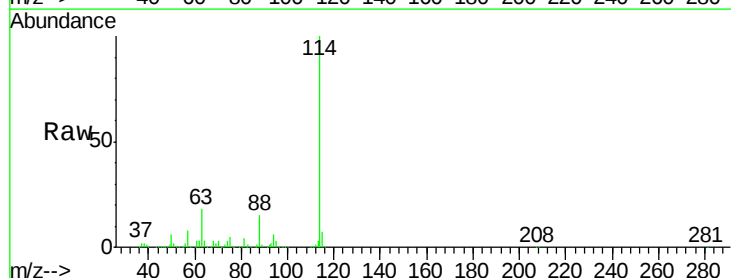
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-0D015-03-012

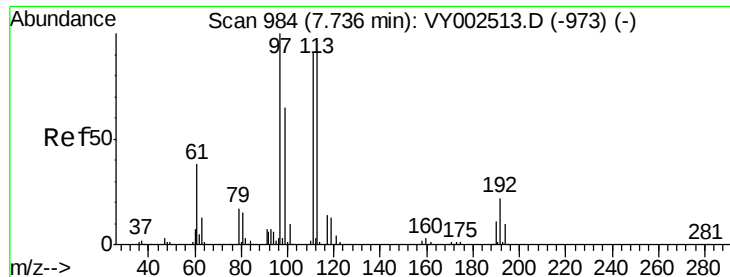
Tot Ion: 65 Resp: 169708
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002565.D
 Acq: 05 May 2020 01:36

Tgt Ion: 114 Resp: 553200
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.4
 88 14.8 0.0 29.6

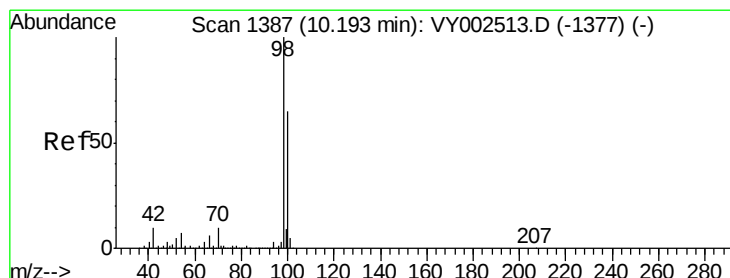
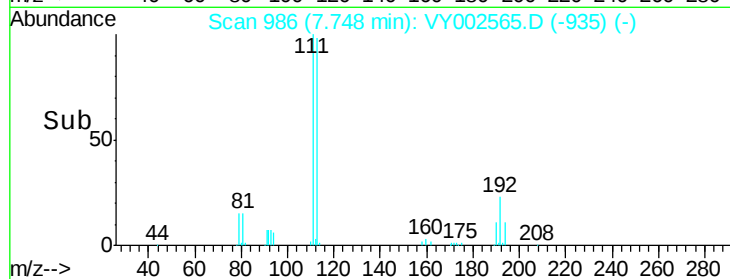
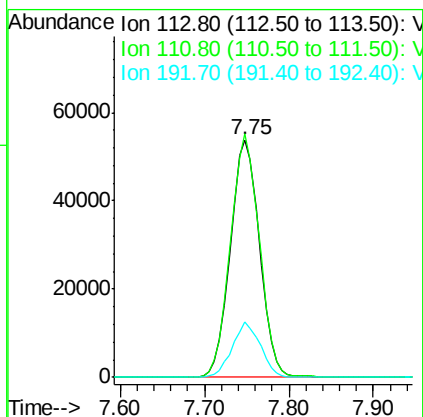
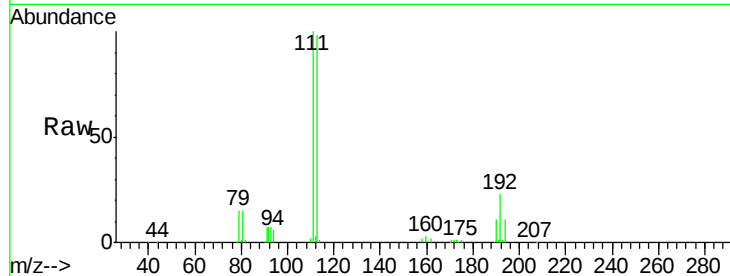




#35
 Dibromofluoromethane
 Concen: 39.900 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002565.D
 Acq: 05 May 2020 01:36

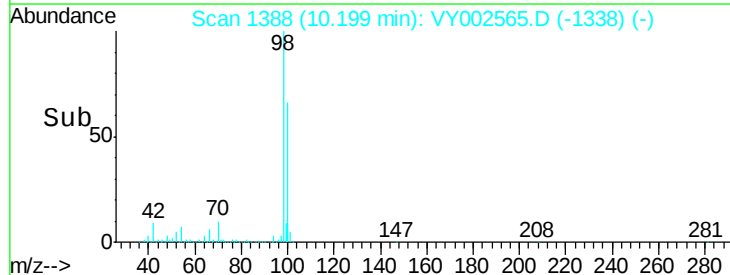
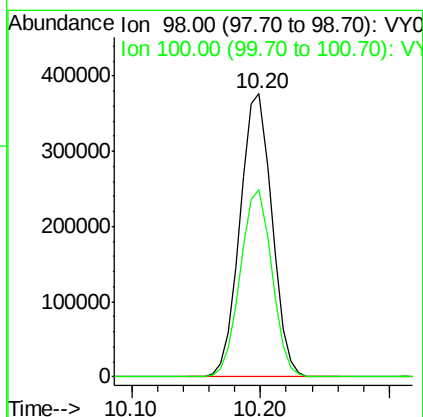
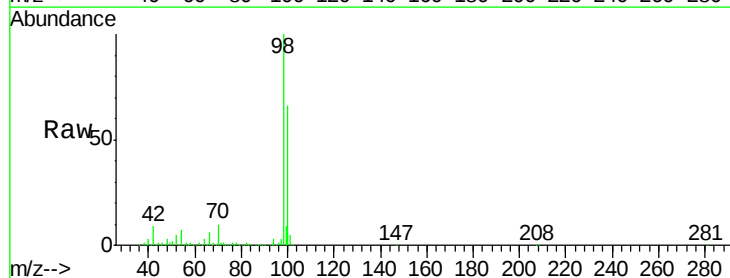
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-0D015-03-012

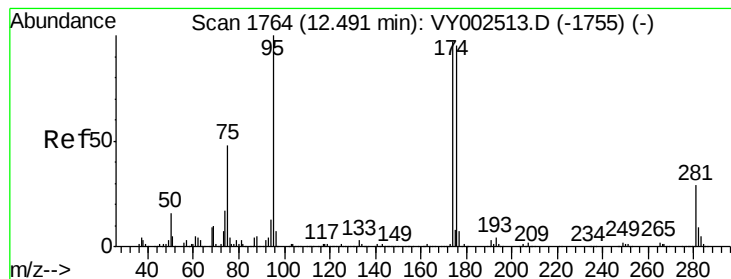
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.8	122.6
192	22.5	18.2	27.4



#50
 Toluene-d8
 Concen: 52.250 ug/l
 RT: 10.20 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: VY002565.D
 Acq: 05 May 2020 01:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 51.373 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002565.D

Acq: 05 May 2020 01:36

Instrument :

MSVOA_Y

ClientSampleId :

FK-0D015-03-012

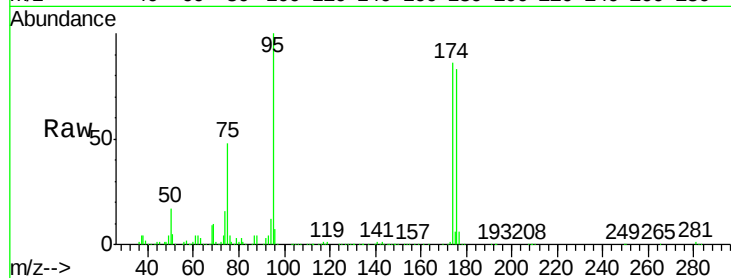
Tot Ion: 95 Resp: 215373

Ion Ratio Lower Upper

95 100

174 92.6 0.0 188.8

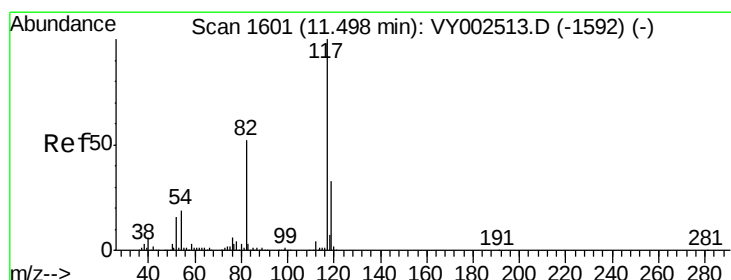
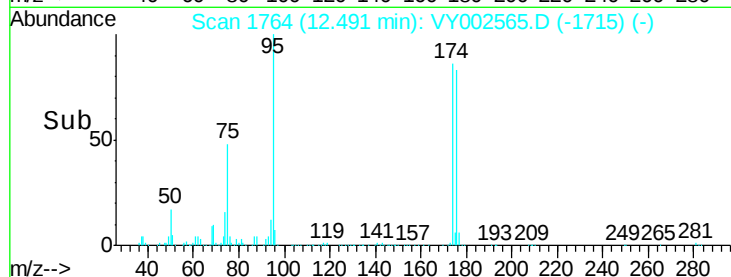
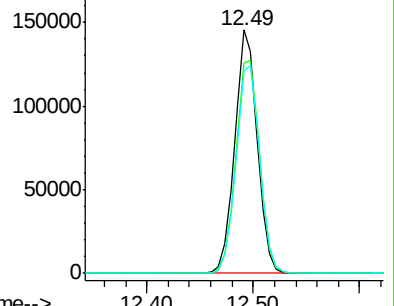
176 89.7 0.0 183.2



Abundance Ion 94.90 (94.60 to 95.60): VY002513.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002513.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002513.D (-1755) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.01 min

Lab File: VY002565.D

Acq: 05 May 2020 01:36

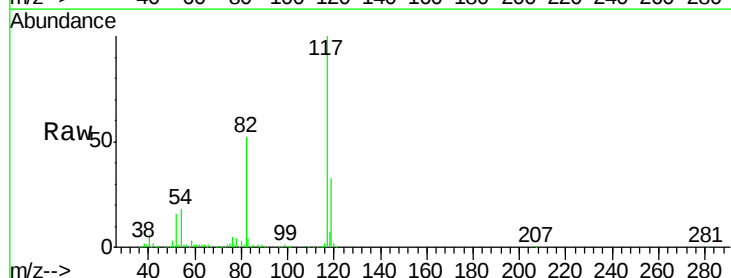
Tgt Ion: 117 Resp: 496811

Ion Ratio Lower Upper

117 100

82 52.4 41.3 61.9

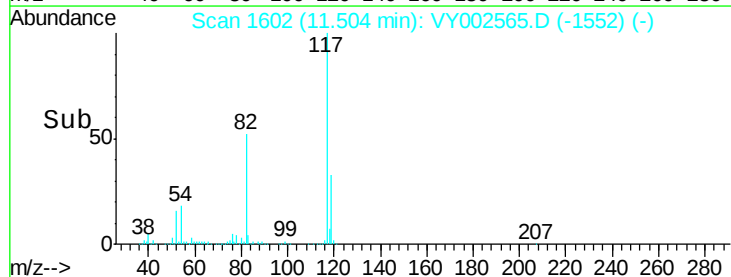
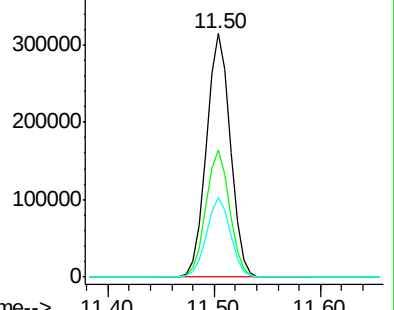
119 32.7 26.0 39.0

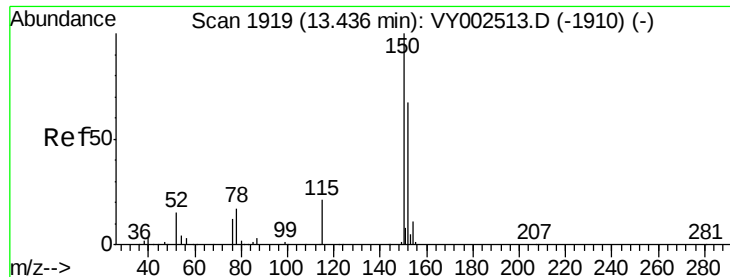


Abundance Ion 116.90 (116.60 to 117.60): VY002513.D (-1592) (-)

Ion 82.00 (81.70 to 82.70): VY002513.D (-1592) (-)

Ion 118.90 (118.60 to 119.60): VY002513.D (-1592) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY002565.D

Acq: 05 May 2020 01:36

Instrument :

MSVOA_Y

ClientSampleId :

FK-0D015-03-012

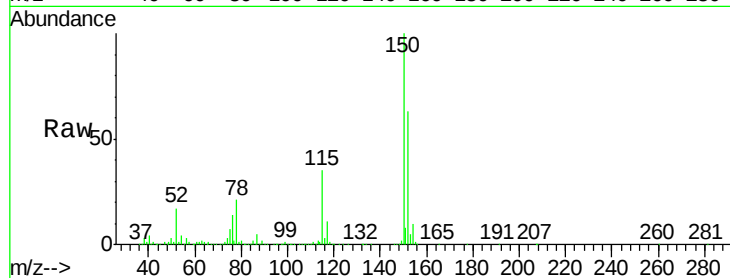
Tot Ion:152 Resp: 245039

Ion Ratio Lower Upper

152 100

115 54.7 27.5 82.4

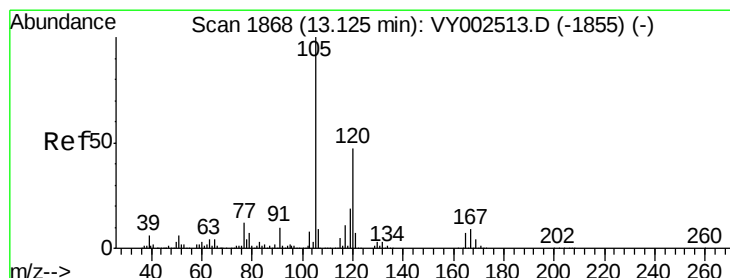
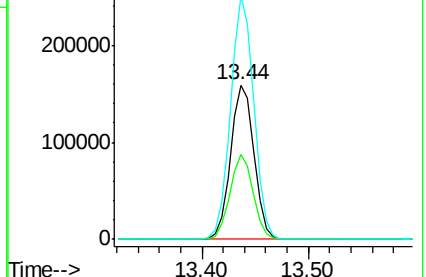
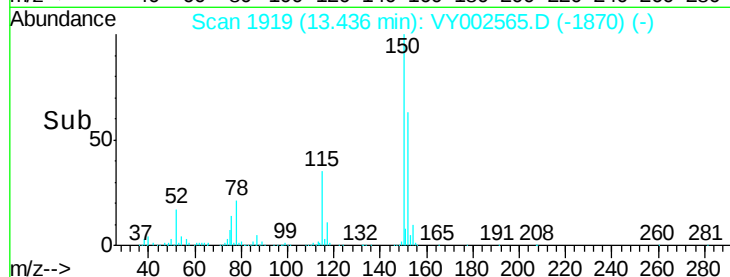
150 156.3 0.0 346.4



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



#84

1,2,4-Trimethylbenzene

Concen: 1.986 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VY002565.D

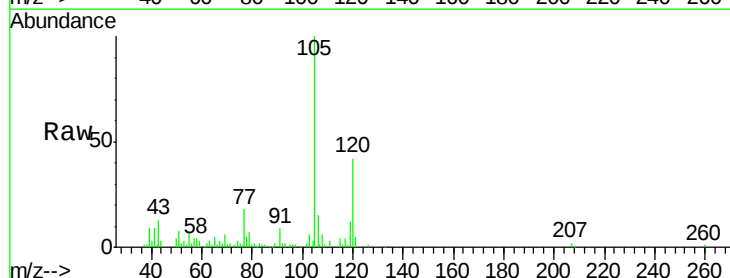
Acq: 05 May 2020 01:36

Tgt Ion:105 Resp: 26055

Ion Ratio Lower Upper

105 100

120 37.9 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

