

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
 Data File : VY002610.D
 Acq On : 06 May 2020 13:10
 Operator : SY/MD
 Sample : L2513-01
 Misc : 8.72G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-050520

Quant Time: May 07 06:21:10 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

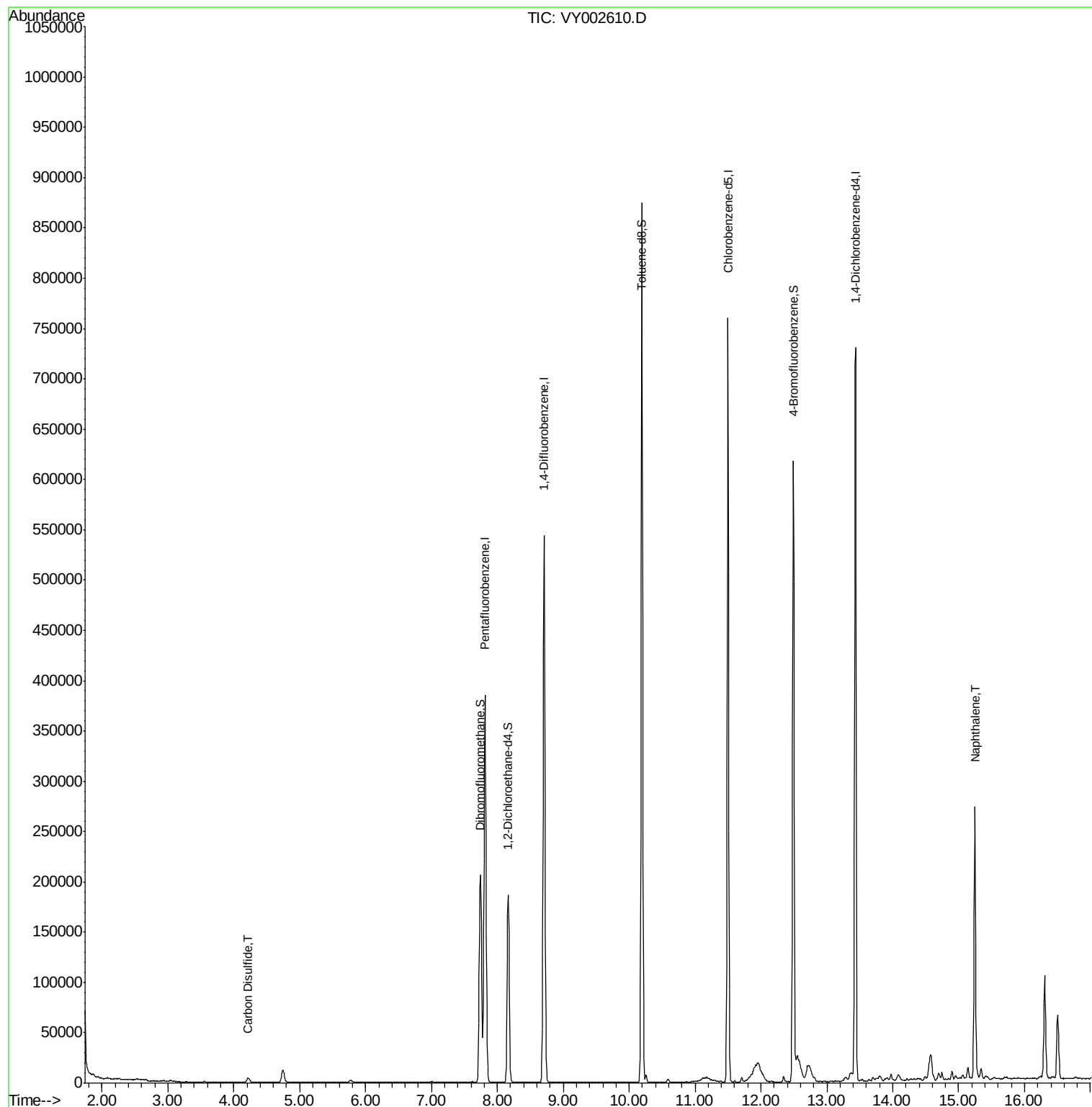
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	327579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	501545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	441147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	201719	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	146221	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.18%	
35) Dibromofluoromethane	7.74	113	151238	52.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.46%	
50) Toluene-d8	10.19	98	584520	52.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.36%	
62) 4-Bromofluorobenzene	12.49	95	183632	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
Target Compounds						
17) Carbon Disulfide	4.22	76	10407	1.227	ug/l	97
95) Naphthalene	15.25	128	224301	30.702	ug/l	100

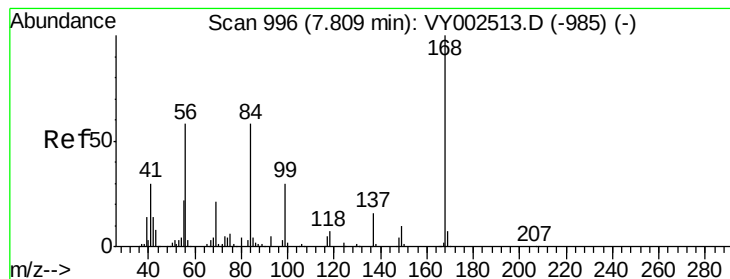
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002610.D

Acq: 06 May 2020 13:10

Instrument :

MSVOA_Y

ClientSampleId :

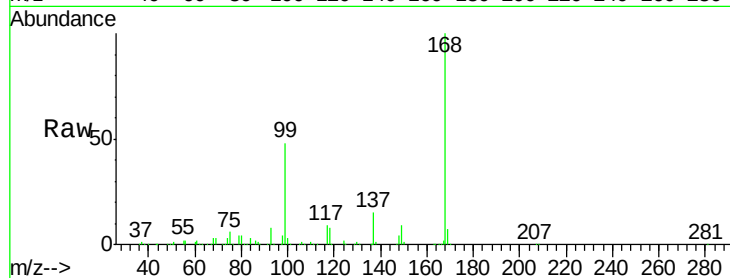
BU-03-050520

Tot Ion:168 Resp: 327579

Ion Ratio Lower Upper

168 100

99 48.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002610.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002610.D (-947) (-)

7.82

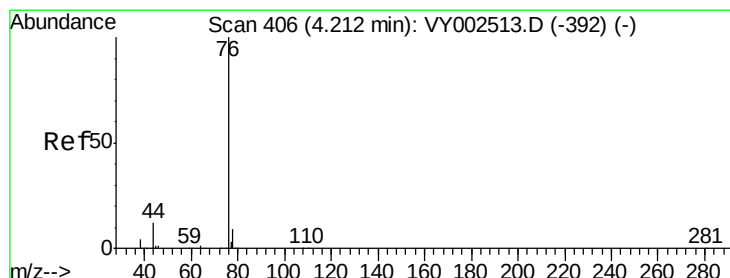
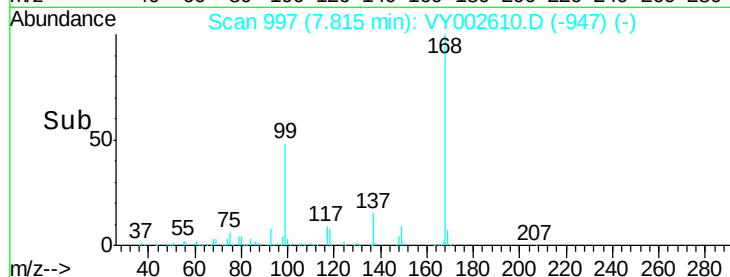
150000

100000

50000

0

Time-->



#17

Carbon Disulfide

Concen: 1.227 ug/l

RT: 4.22 min Scan# 407

Delta R.T. 0.01 min

Lab File: VY002610.D

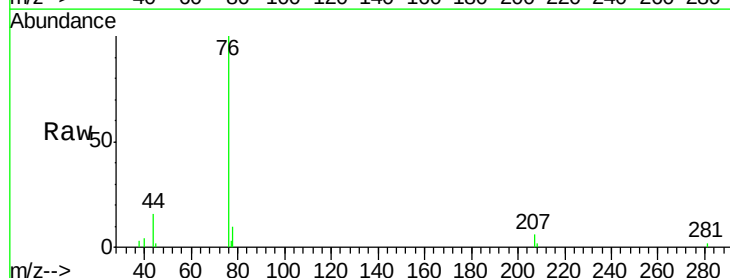
Acq: 06 May 2020 13:10

Tgt Ion: 76 Resp: 10407

Ion Ratio Lower Upper

76 100

78 10.4 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY002610.D (-357) (-)

Ion 77.90 (77.60 to 78.60): VY002610.D (-357) (-)

4.22

4000

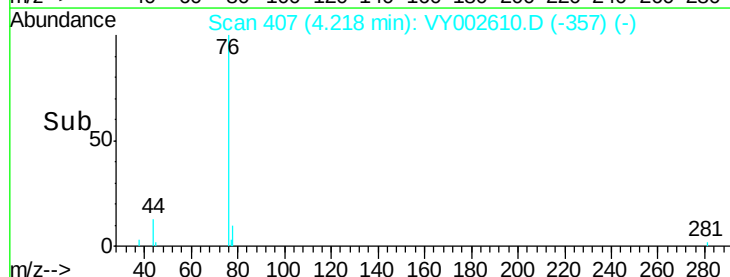
3000

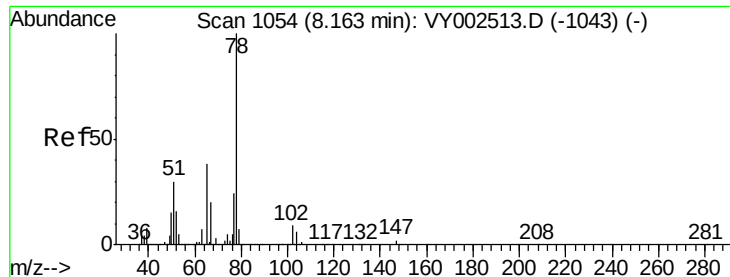
2000

1000

0

Time-->

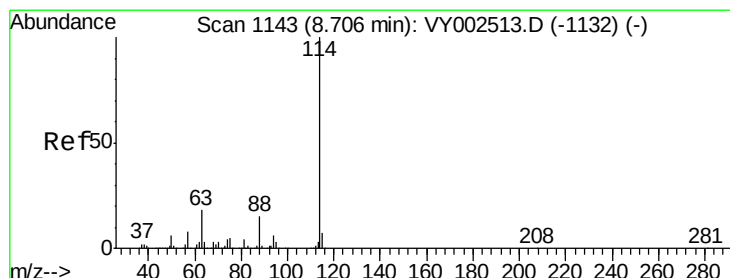
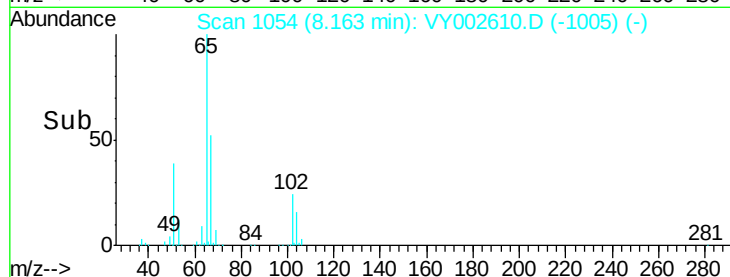
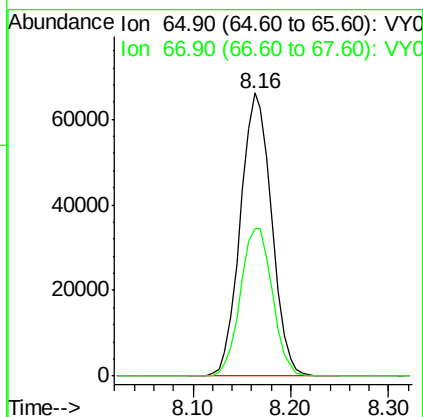
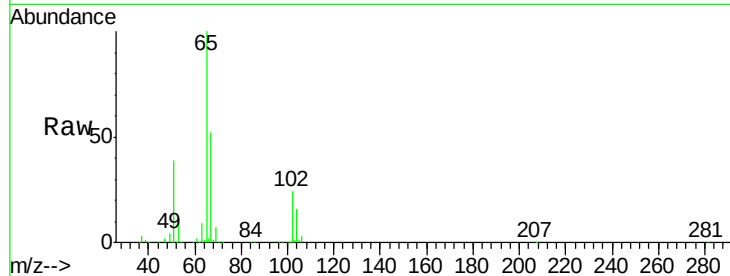




#33
 1,2-Dichloroethane-d4
 Concen: 53.087 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VY002610.D
 Acq: 06 May 2020 13:10

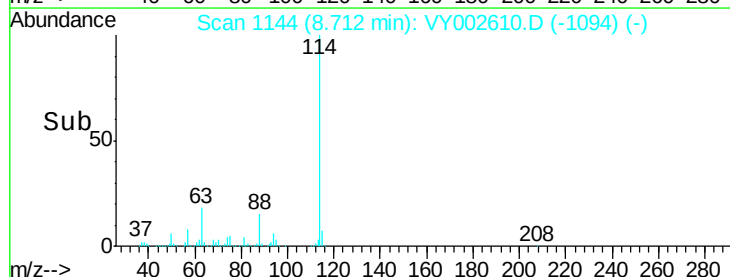
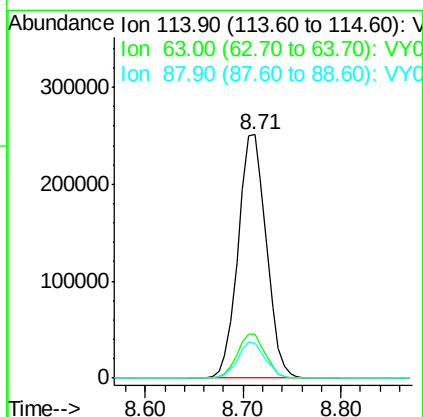
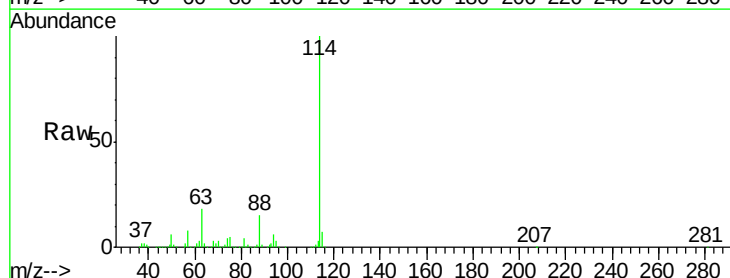
Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-050520

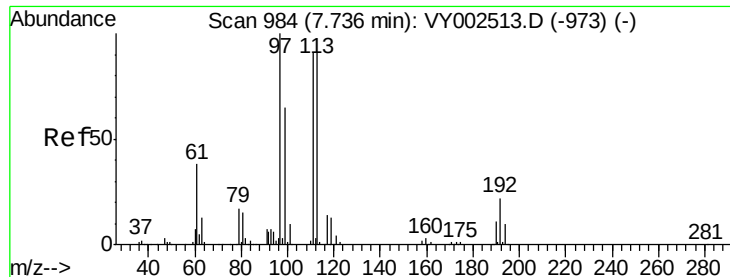
Tot Ion: 65 Resp: 146221
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002610.D
 Acq: 06 May 2020 13:10

Tgt Ion: 114 Resp: 501545
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 36.4
 88 14.6 0.0 29.6

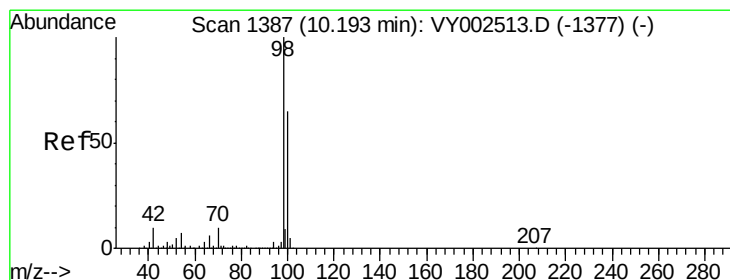
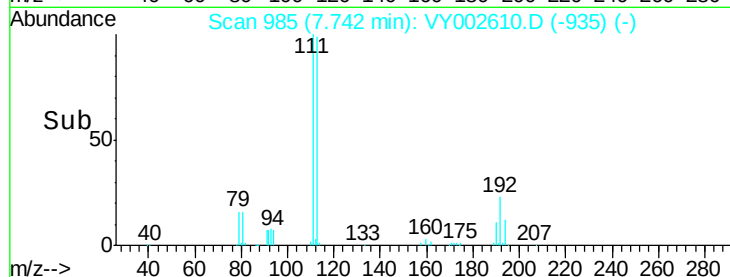
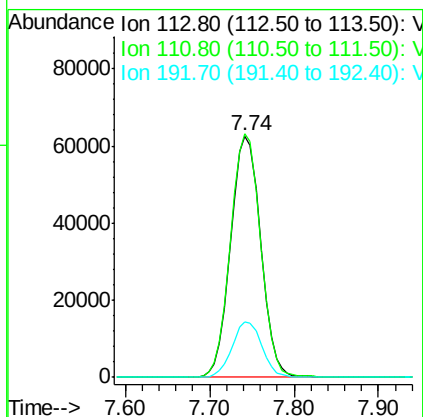
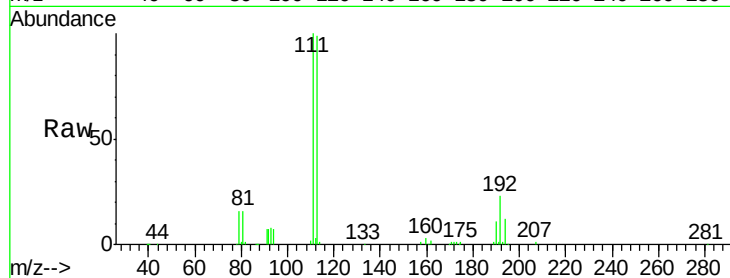




#35
 Dibromofluoromethane
 Concen: 52.726 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002610.D
 Acq: 06 May 2020 13:10

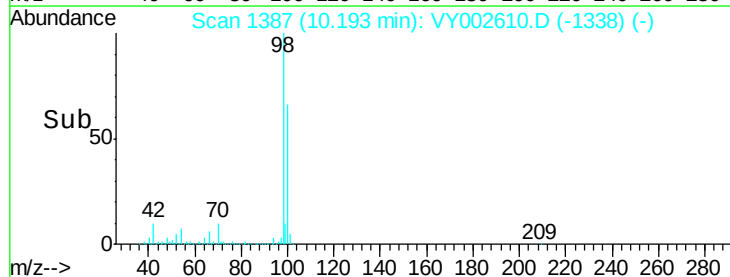
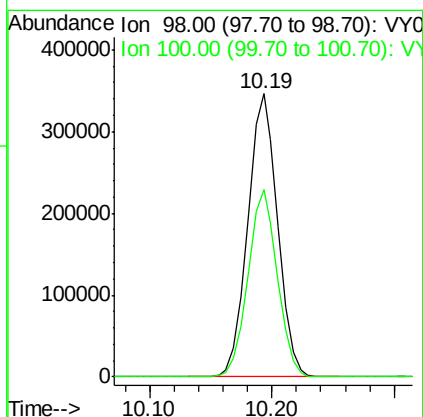
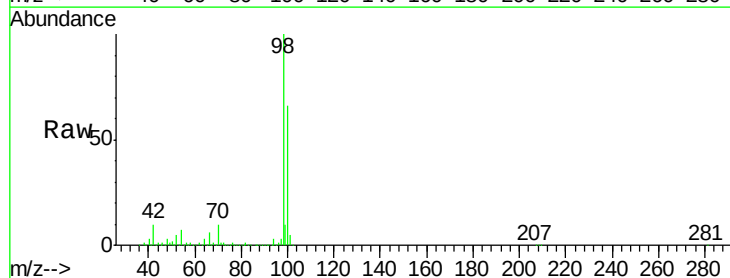
Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-050520

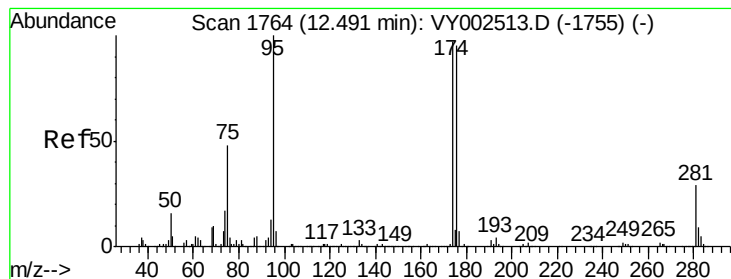
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.8	122.6
192	22.7	18.2	27.4



#50
 Toluene-d8
 Concen: 52.183 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VY002610.D
 Acq: 06 May 2020 13:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 48.313 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002610.D

Acq: 06 May 2020 13:10

Instrument :

MSVOA_Y

ClientSampleId :

BU-03-050520

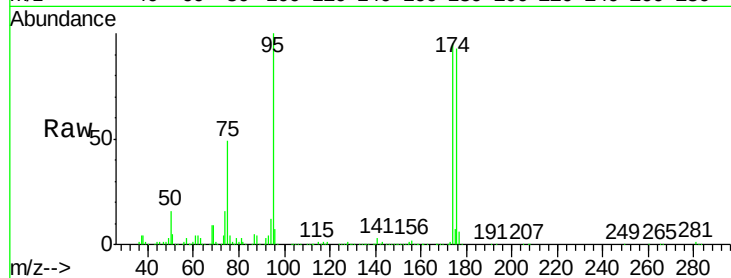
Tot Ion: 95 Resp: 183632

Ion Ratio Lower Upper

95 100

174 92.9 0.0 188.8

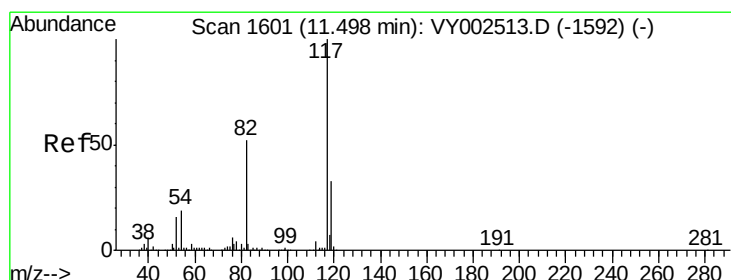
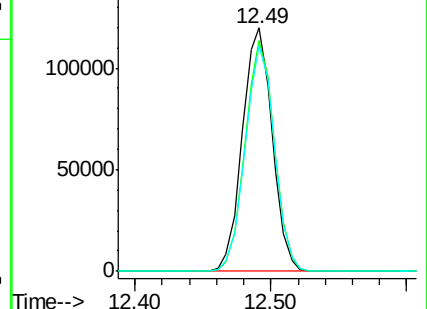
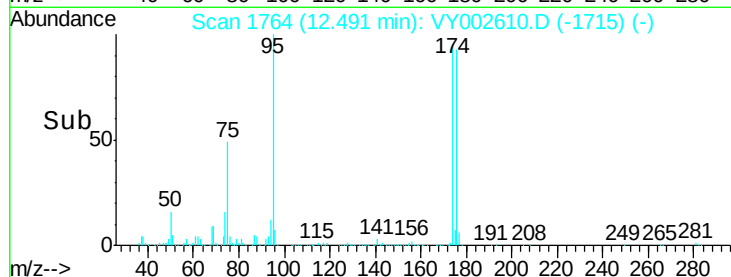
176 90.7 0.0 183.2



Abundance Ion 94.90 (94.60 to 95.60): VY002610.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002610.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002610.D (-1755) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VY002610.D

Acq: 06 May 2020 13:10

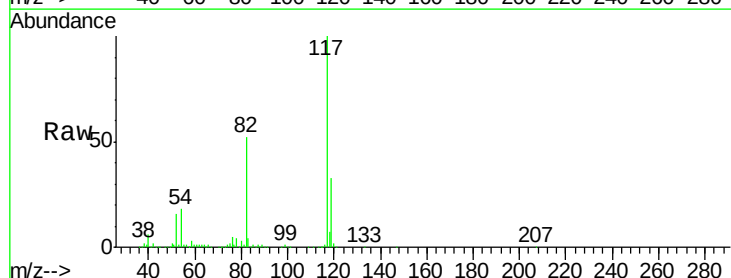
Tgt Ion: 117 Resp: 441147

Ion Ratio Lower Upper

117 100

82 52.3 41.3 61.9

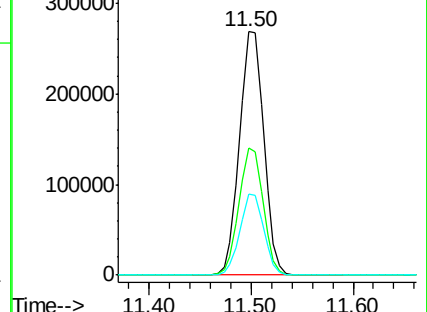
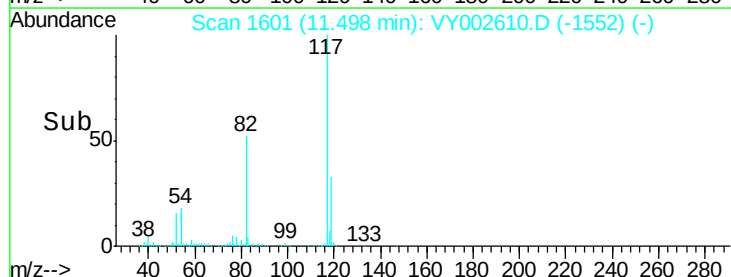
119 33.1 26.0 39.0

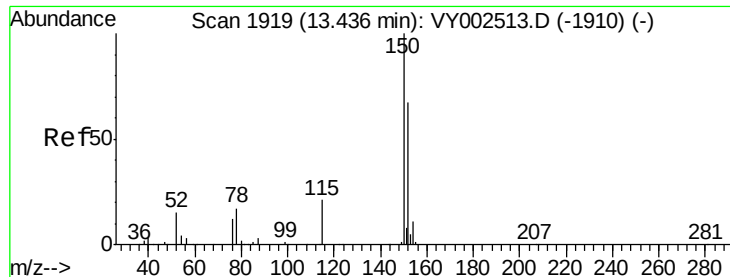


Abundance Ion 116.90 (116.60 to 117.60): VY002610.D (-1592) (-)

Ion 82.00 (81.70 to 82.70): VY002610.D (-1592) (-)

Ion 118.90 (118.60 to 119.60): VY002610.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: VY002610.D

Acq: 06 May 2020 13:10

Instrument :

MSVOA_Y

ClientSampleId :

BU-03-050520

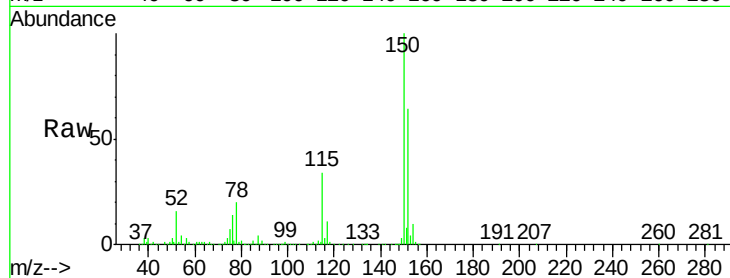
Tot Ion:152 Resp: 201719

Ion Ratio Lower Upper

152 100

115 55.2 27.5 82.4

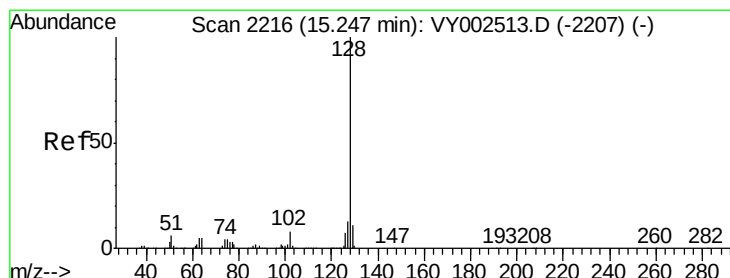
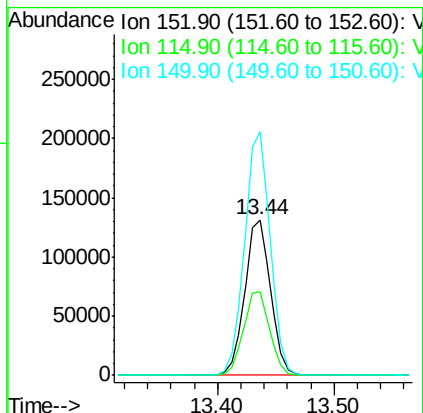
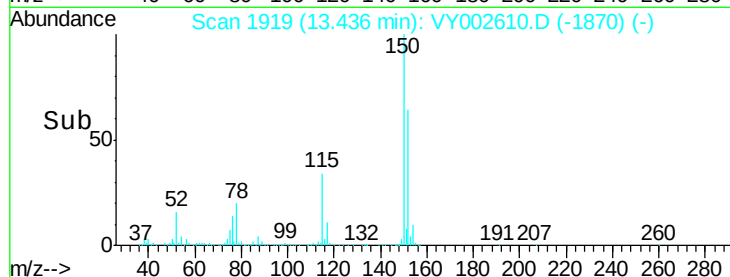
150 156.5 0.0 346.4



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



#95

Naphthalene

Concen: 30.702 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.00 min

Lab File: VY002610.D

Acq: 06 May 2020 13:10

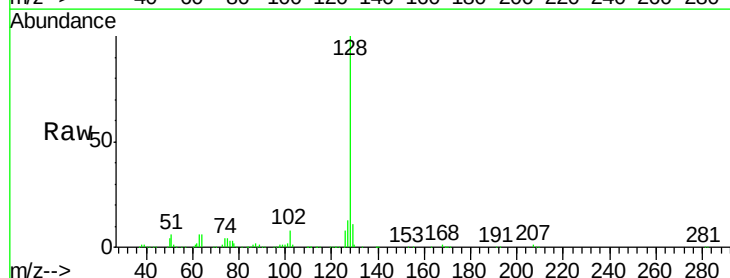
Tgt Ion:128 Resp: 224301

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 11.2 8.8 13.2



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

