

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002411.D
 Acq On : 17 Apr 2020 19:40
 Operator : SY/MD
 Sample : L2283-03
 Misc : 5.18G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PA-1

Quant Time: Apr 18 07:51:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

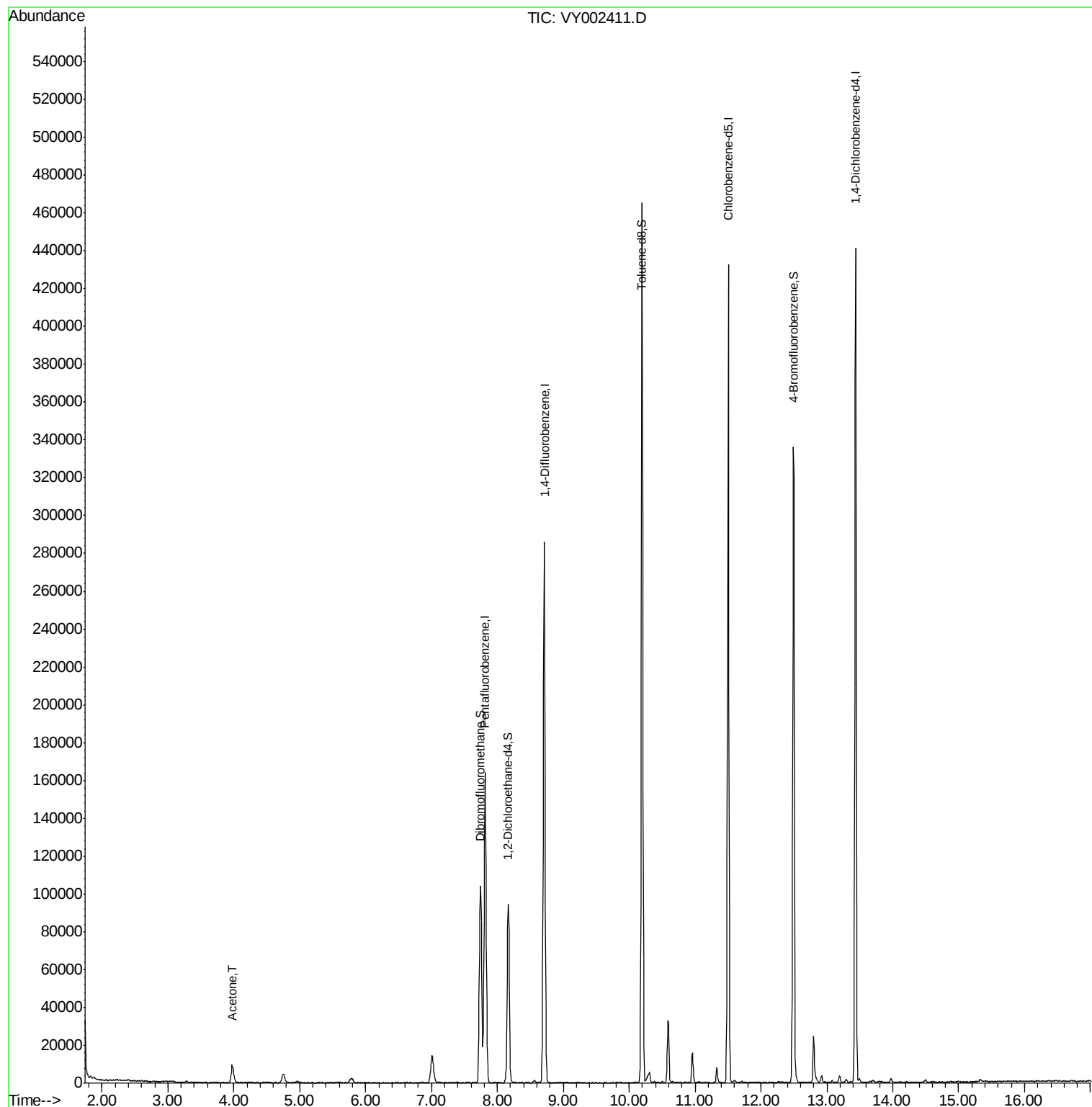
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	131469	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	268722	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	256030	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	113854	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	67730	46.33	ug/l	0.01
Spiked Amount 50.000			Recovery	=	92.66%	
35) Dibromofluoromethane	7.74	113	78642	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
50) Toluene-d8	10.19	98	319019	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
62) 4-Bromofluorobenzene	12.49	95	110075	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
Target Compounds						
16) Acetone	3.97	43	15459	40.146	ug/l #	Qvalue 83

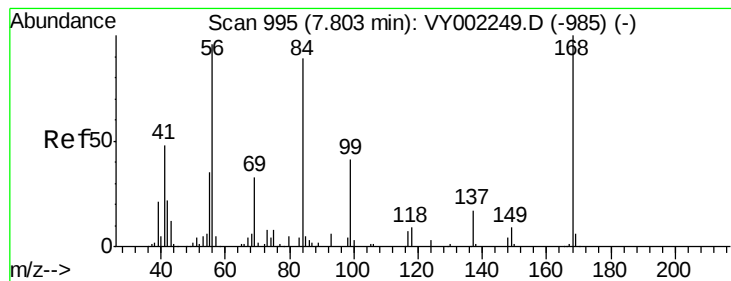
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002411.D

Acq: 17 Apr 2020 19:40

Instrument :

MSVOA_Y

ClientSampleId :

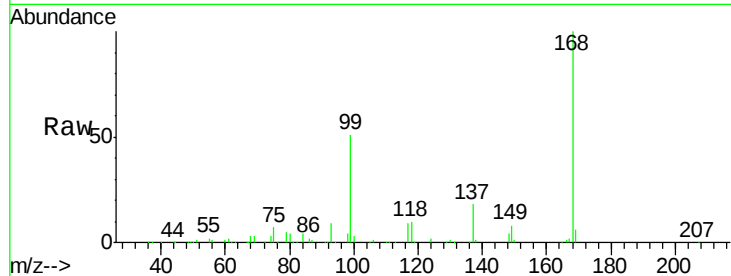
PA-1

Tot Ion:168 Resp: 131469

Ion Ratio Lower Upper

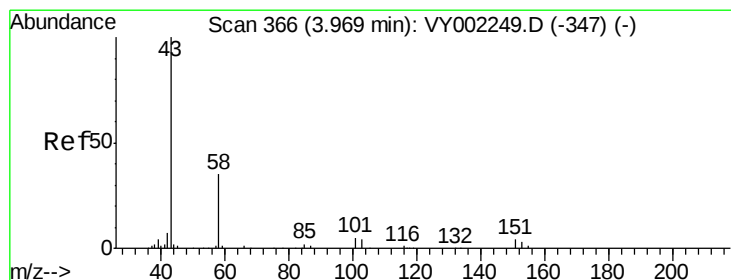
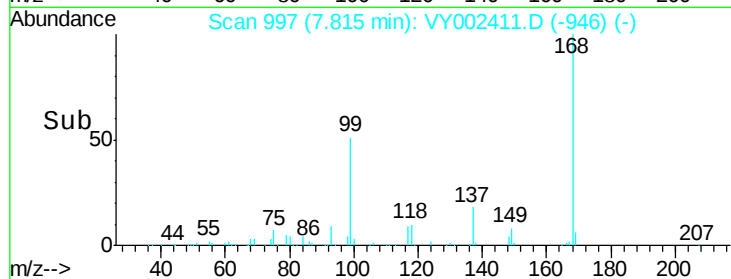
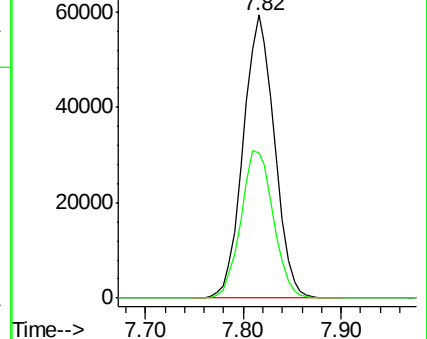
168 100

99 51.4 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)



#16

Acetone

Concen: 40.146 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002411.D

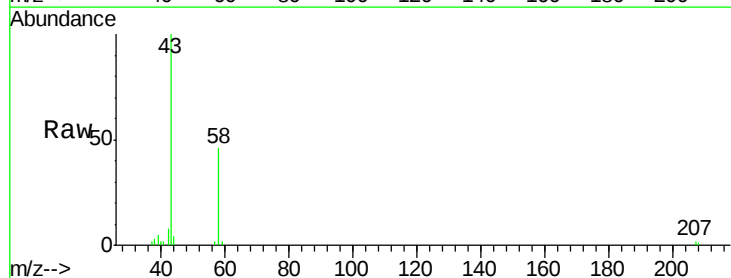
Acq: 17 Apr 2020 19:40

Tgt Ion: 43 Resp: 15459

Ion Ratio Lower Upper

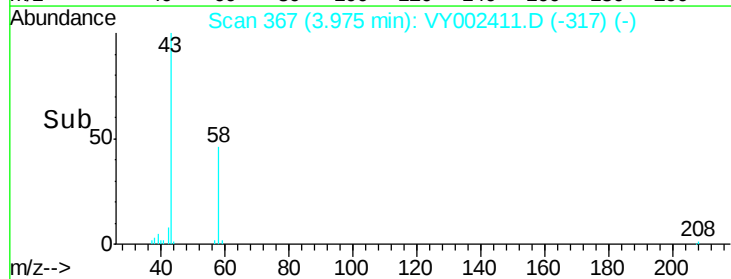
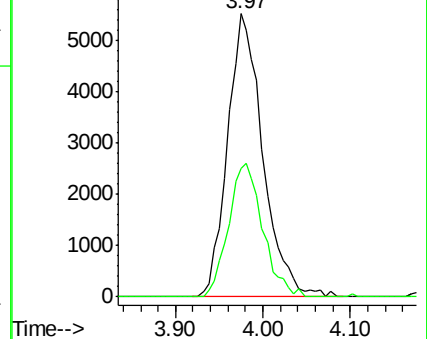
43 100

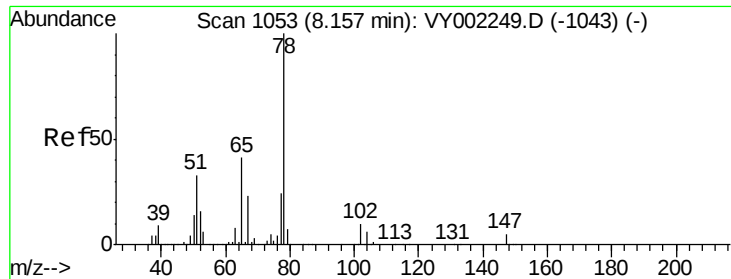
58 45.6 28.5 42.7#



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-347) (-)





#33

1,2-Dichloroethane-d4

Concen: 46.326 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002411.D

Acq: 17 Apr 2020 19:40

Instrument :

MSVOA_Y

ClientSampleId :

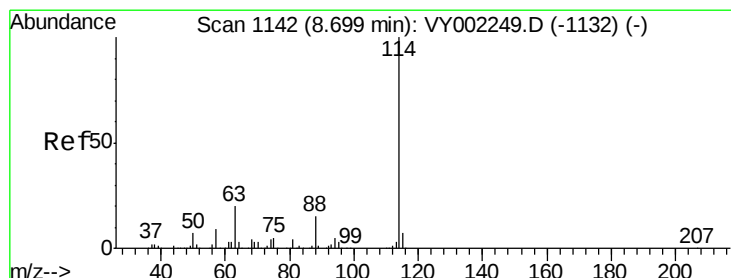
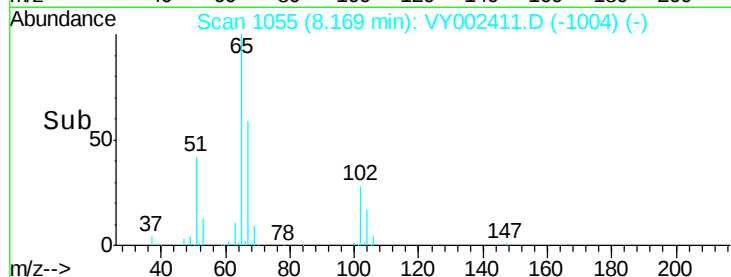
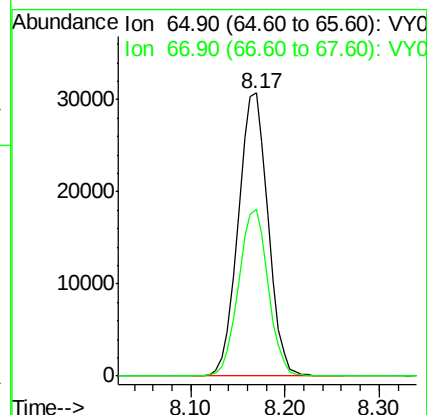
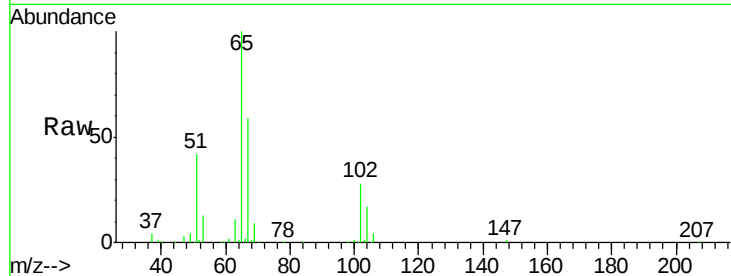
PA-1

Tot Ion: 65 Resp: 67730

Ion Ratio Lower Upper

65 100

67 58.3 0.0 114.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002411.D

Acq: 17 Apr 2020 19:40

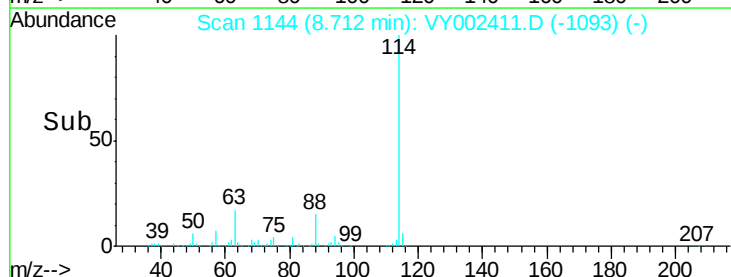
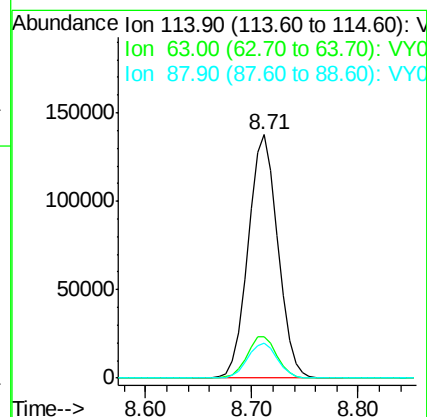
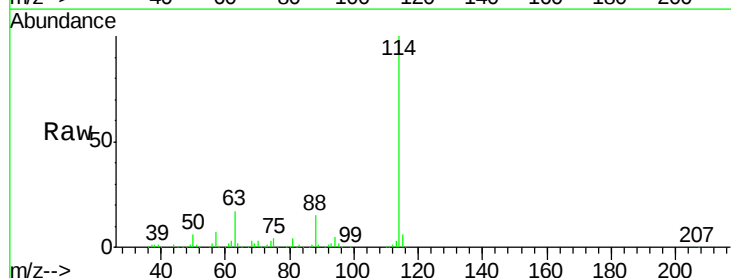
Tgt Ion: 114 Resp: 268722

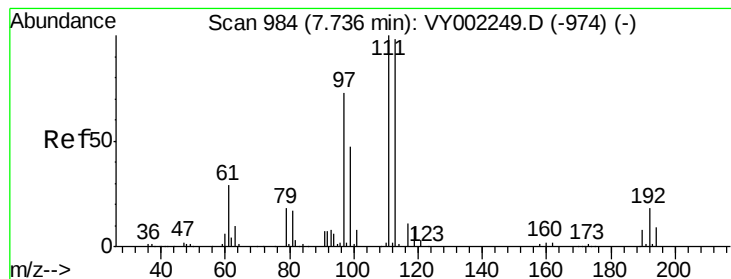
Ion Ratio Lower Upper

114 100

63 16.8 0.0 39.0

88 14.6 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.182 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002411.D

Acq: 17 Apr 2020 19:40

Instrument :

MSVOA_Y

ClientSampleId :

PA-1

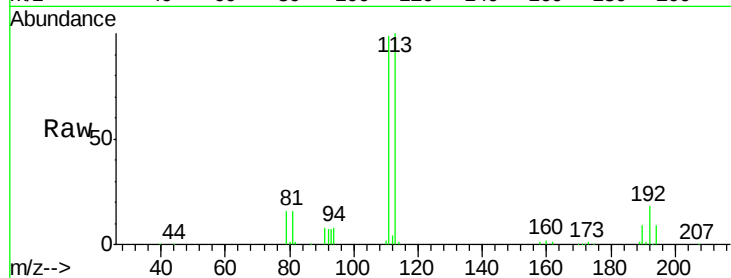
Tot Ion:113 Resp: 78642

Ion Ratio Lower Upper

113 100

111 101.9 83.5 125.3

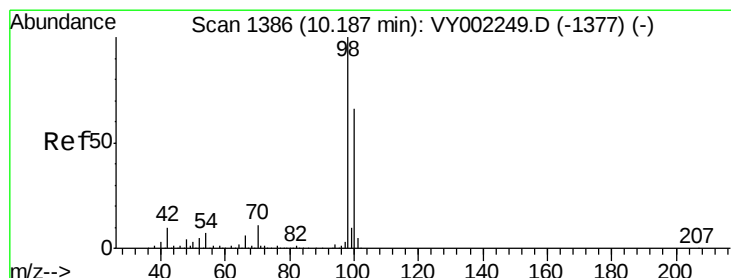
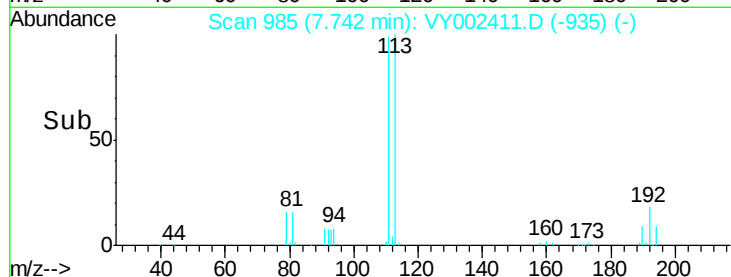
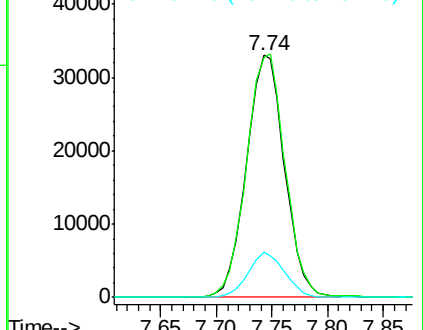
192 17.9 14.7 22.1



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: 47.667 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002411.D

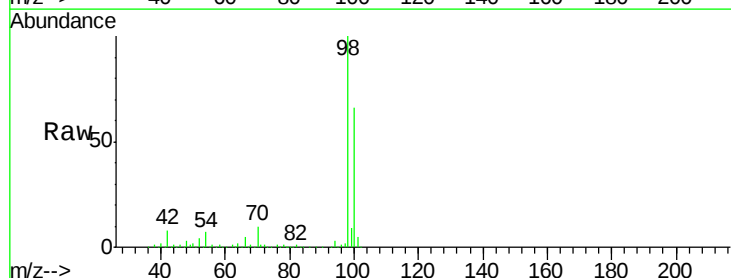
Acq: 17 Apr 2020 19:40

Tgt Ion: 98 Resp: 319019

Ion Ratio Lower Upper

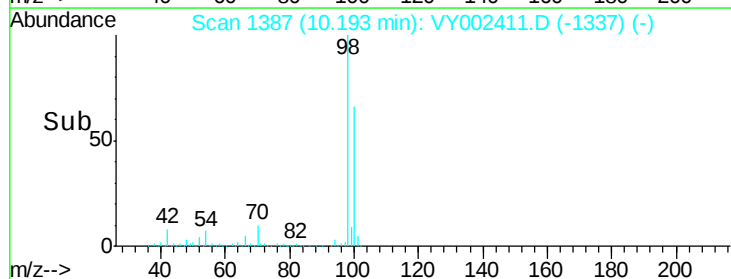
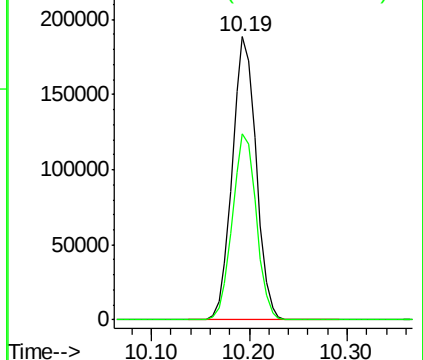
98 100

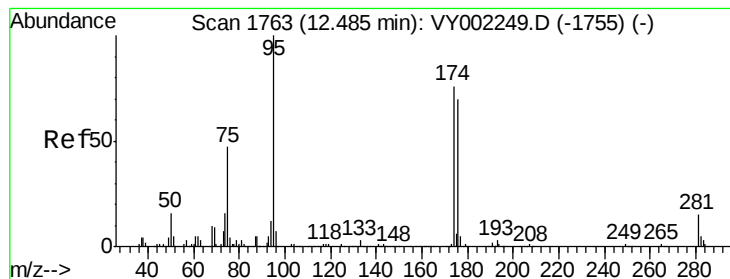
100 65.9 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 49.853 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002411.D

Acq: 17 Apr 2020 19:40

Instrument :

MSVOA_Y

ClientSampleId :

PA-1

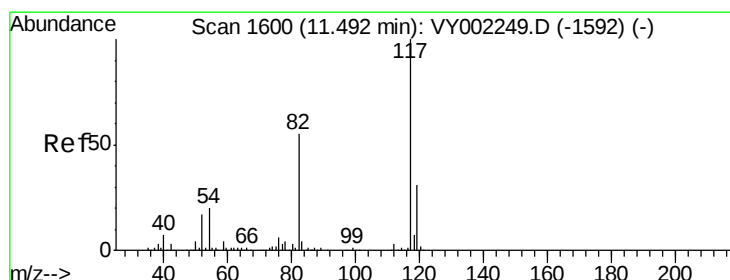
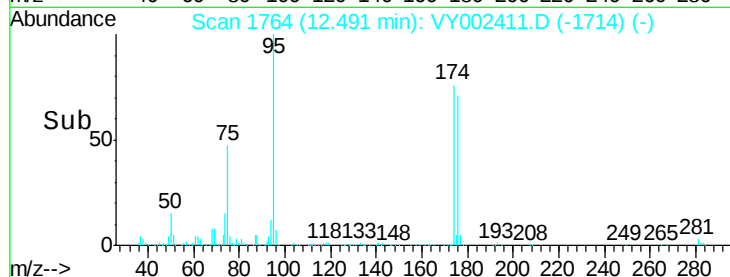
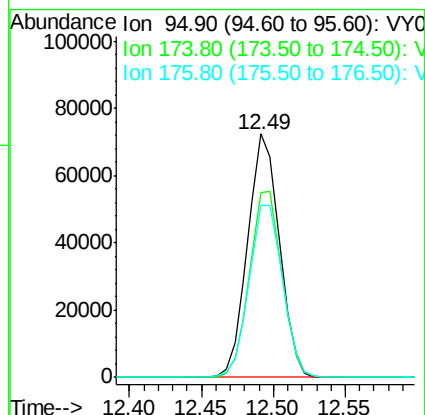
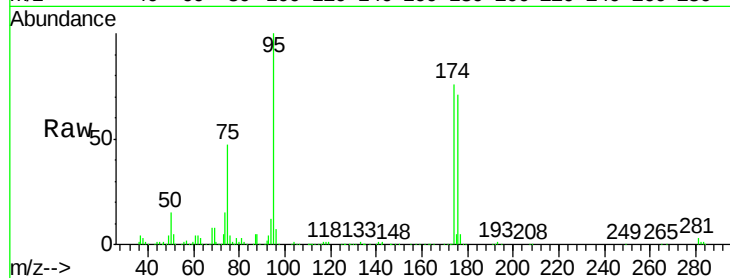
Tot Ion: 95 Resp: 110075

Ion Ratio Lower Upper

95 100

174 78.4 0.0 150.6

176 74.5 0.0 141.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.01 min

Lab File: VY002411.D

Acq: 17 Apr 2020 19:40

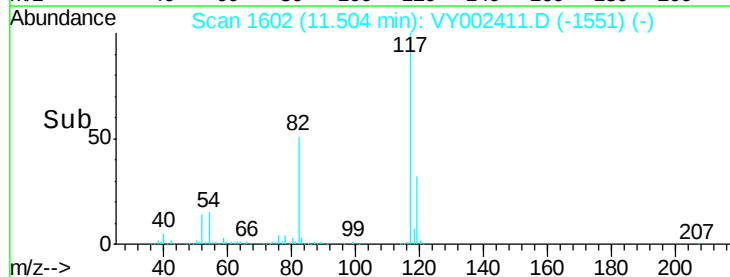
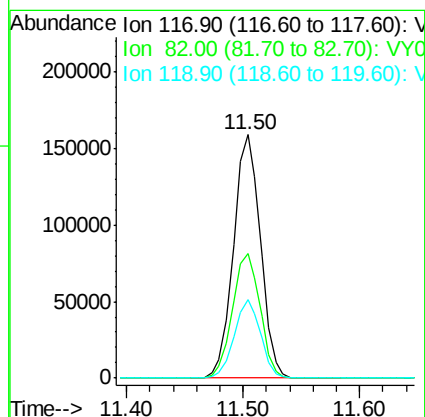
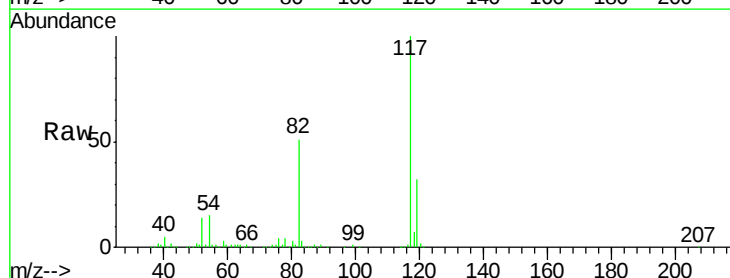
Tgt Ion: 117 Resp: 256030

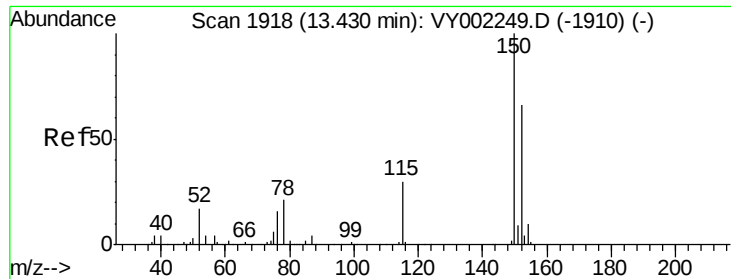
Ion Ratio Lower Upper

117 100

82 51.0 44.2 66.4

119 32.3 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002411.D

Acq: 17 Apr 2020 19:40

Instrument :

MSVOA_Y

ClientSampleId :

PA-1

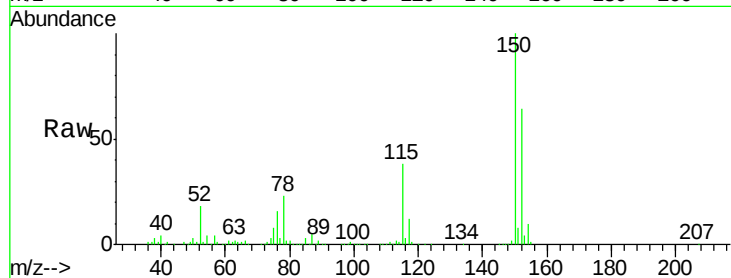
Tot Ion:152 Resp: 113854

Ion Ratio Lower Upper

152 100

115 58.7 30.7 92.1

150 156.8 0.0 350.6



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

