

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002409.D
 Acq On : 17 Apr 2020 18:56
 Operator : SY/MD
 Sample : L2283-01
 Misc : 5.60G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PA-2

Quant Time: Apr 18 07:37:00 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

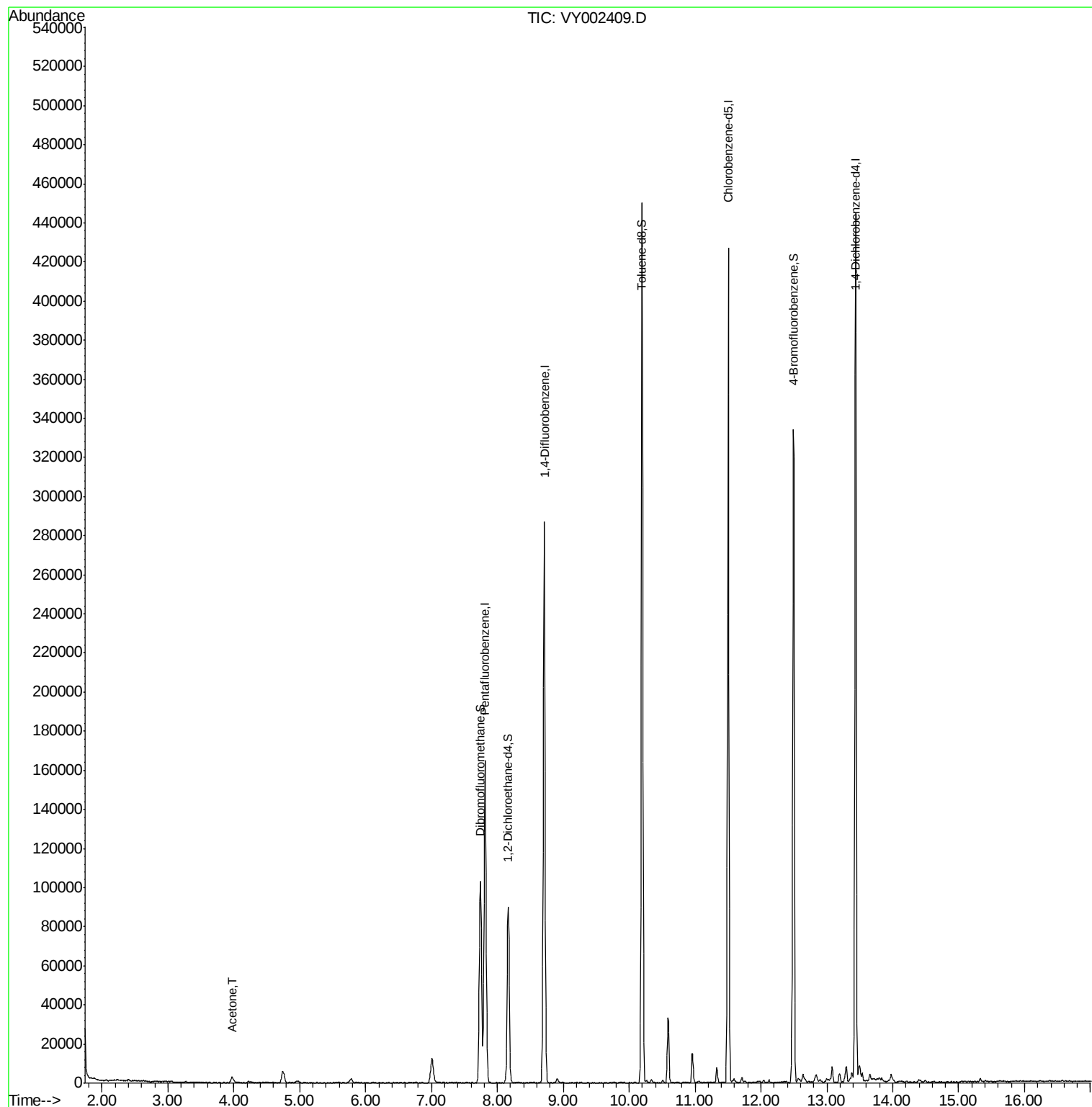
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	133367	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	263868	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	254909	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	115338	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	64525	43.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.02%	
35) Dibromofluoromethane	7.74	113	75675	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
50) Toluene-d8	10.19	98	316792	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.49	95	107041	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
Target Compounds						
16) Acetone	3.98	43	4848	12.411	ug/l #	Qvalue 78

(#) = 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# 997

Delta R.T. 0.01 min

Lab File: VY002409.D

Acq: 17 Apr 2020 18:56

Instrument :

MSVOA_Y

ClientSampled :

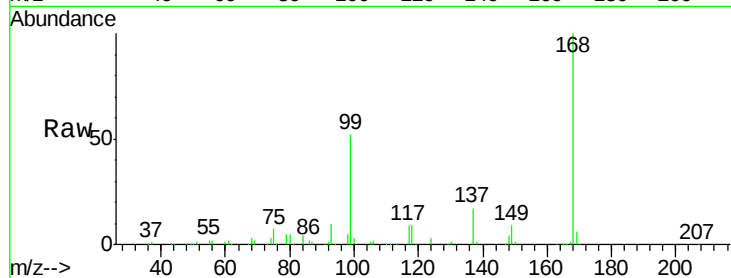
PA-2

Tot Ion:168 Resp: 133367

Ion Ratio Lower Upper

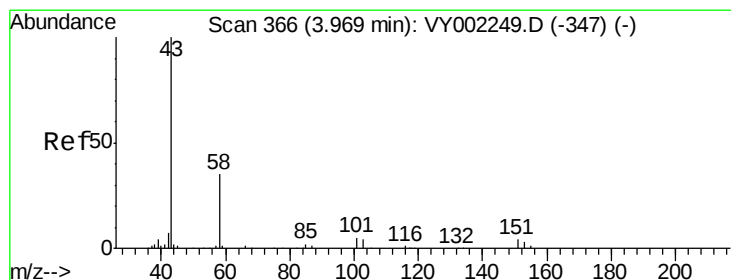
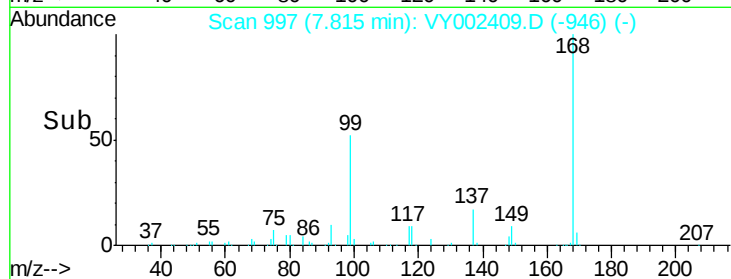
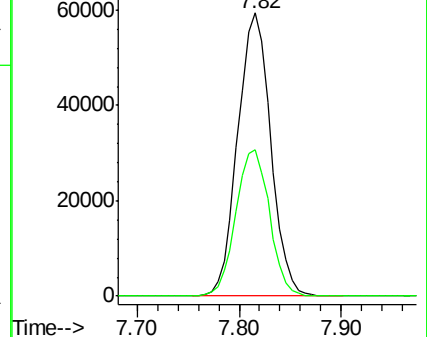
168 100

99 51.8 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: 12.411 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY002409.D

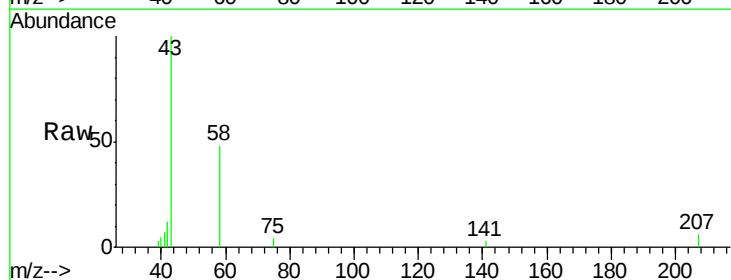
Acq: 17 Apr 2020 18:56

Tgt Ion: 43 Resp: 4848

Ion Ratio Lower Upper

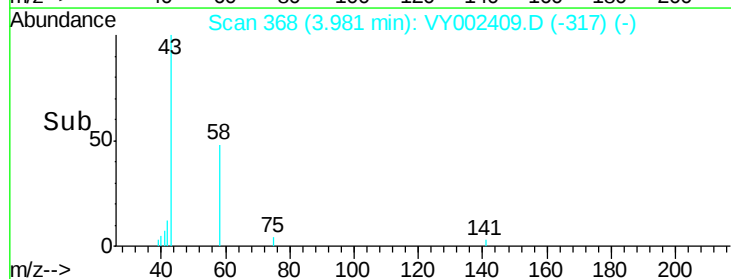
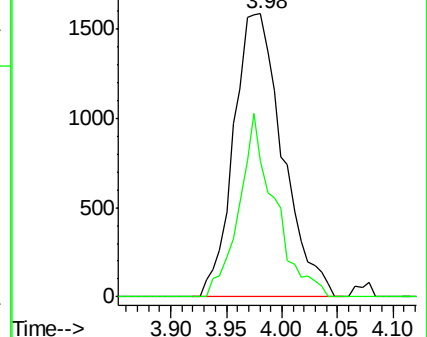
43 100

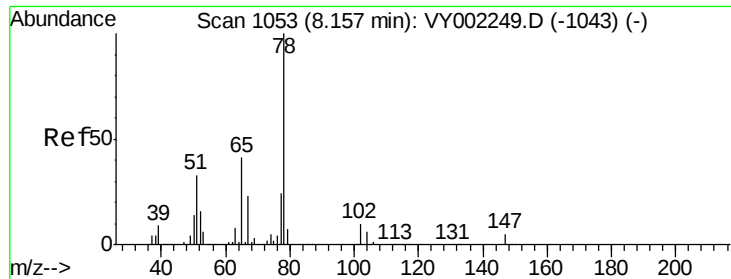
58 48.3 28.5 42.7#



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: 43.506 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002409.D

Acq: 17 Apr 2020 18:56

Instrument :

MSVOA_Y

ClientSampleId :

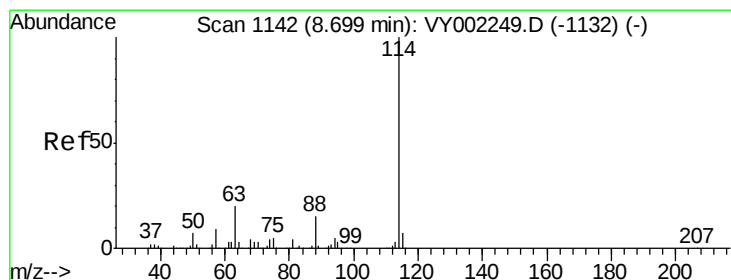
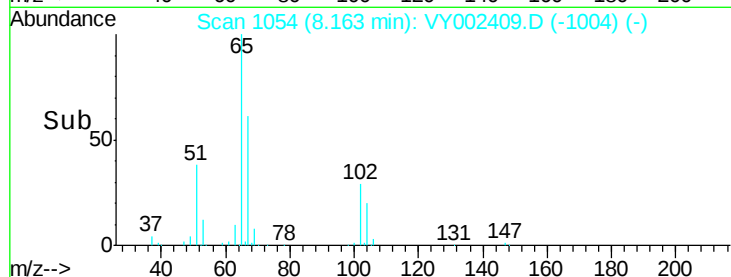
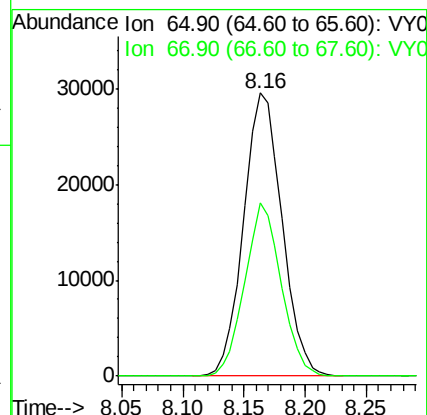
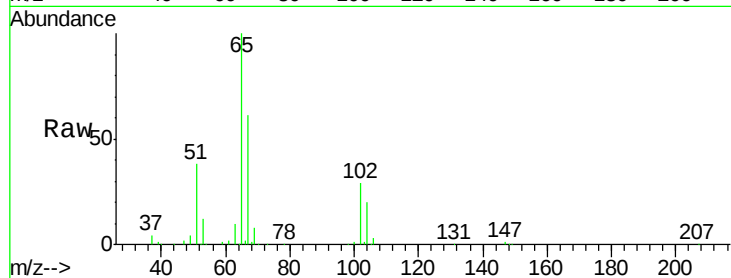
PA-2

Tot Ion: 65 Resp: 64525

Ion Ratio Lower Upper

65 100

67 58.1 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: VY002409.D

Acq: 17 Apr 2020 18:56

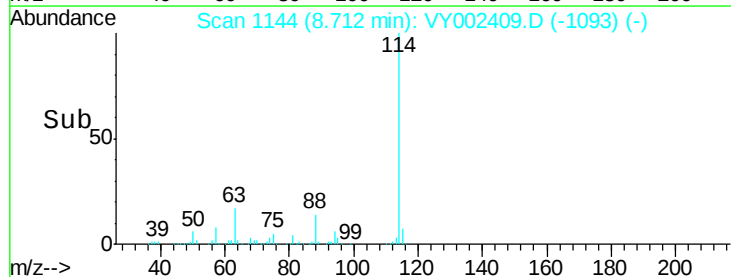
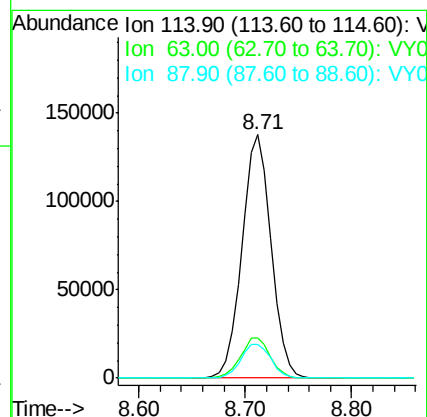
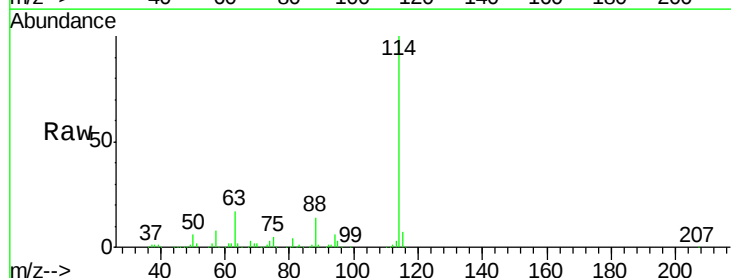
Tgt Ion: 114 Resp: 263868

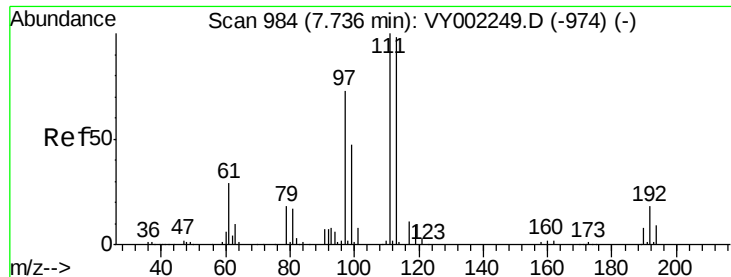
Ion Ratio Lower Upper

114 100

63 16.7 0.0 39.0

88 14.0 0.0 31.0

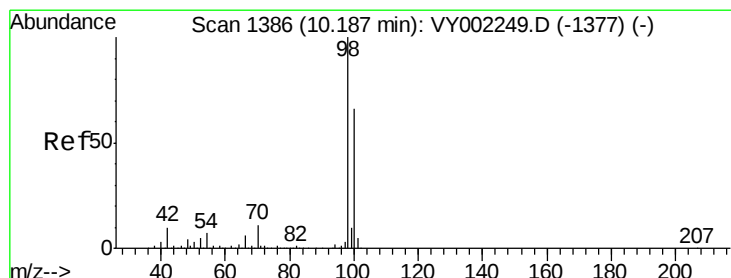
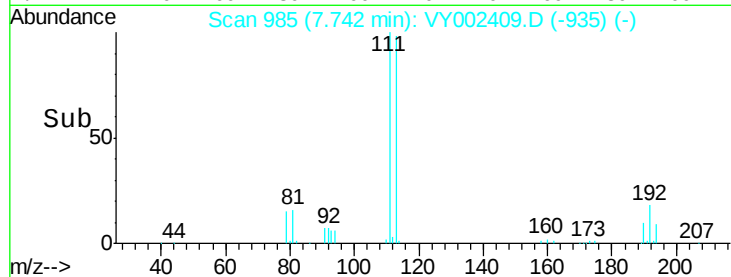
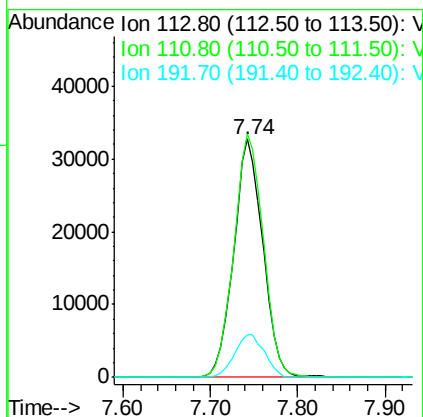
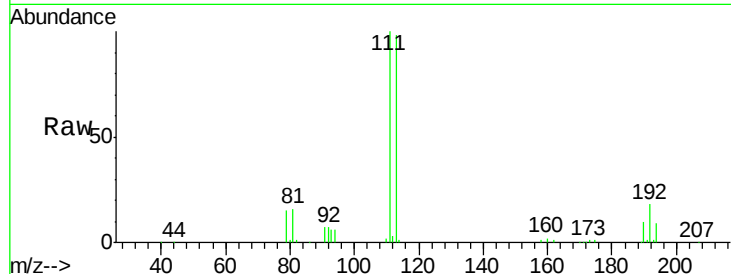




#35
 Dibromofluoromethane
 Concen: 48.198 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002409.D
 Acq: 17 Apr 2020 18:56

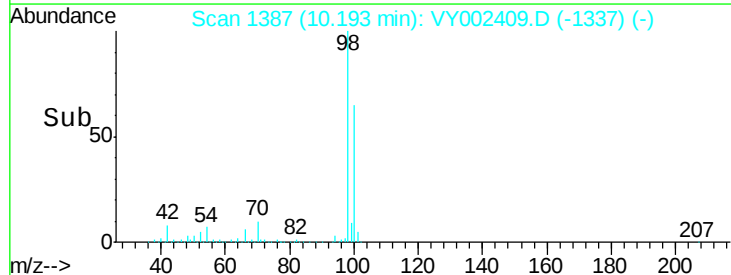
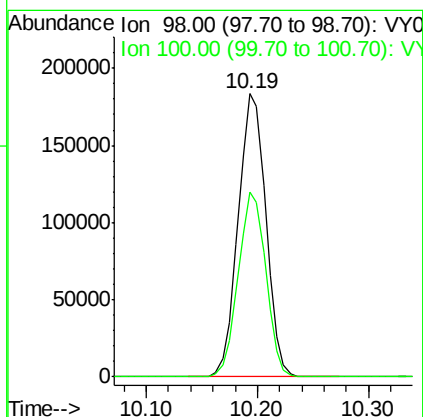
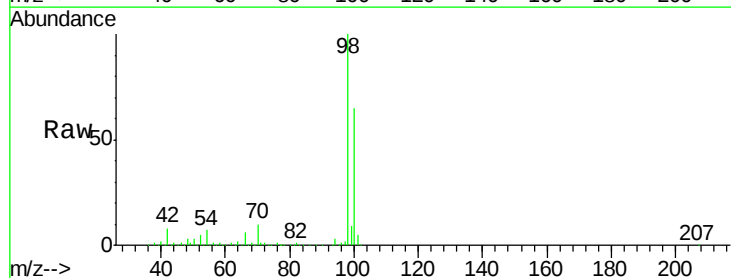
Instrument :
 MSVOA_Y
 ClientSampleId :
 PA-2

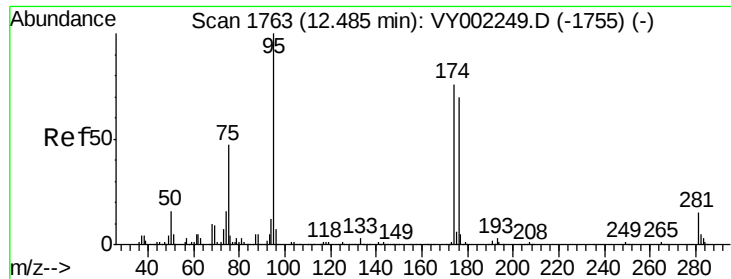
Tot Ion:113 Resp: 75675
 Ion Ratio Lower Upper
 113 100
 111 103.7 83.5 125.3
 192 18.7 14.7 22.1



#50
 Toluene-d8
 Concen: 48.205 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: VY002409.D
 Acq: 17 Apr 2020 18:56

Tgt Ion: 98 Resp: 316792
 Ion Ratio Lower Upper
 98 100
 100 64.9 52.6 78.8

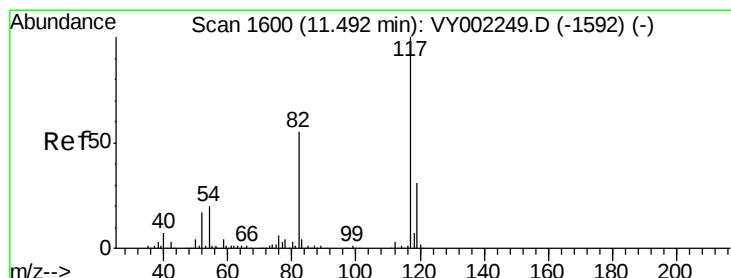
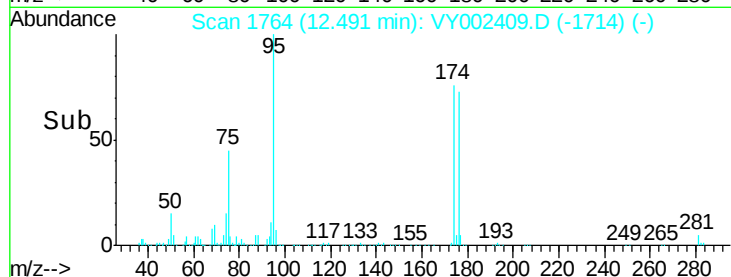
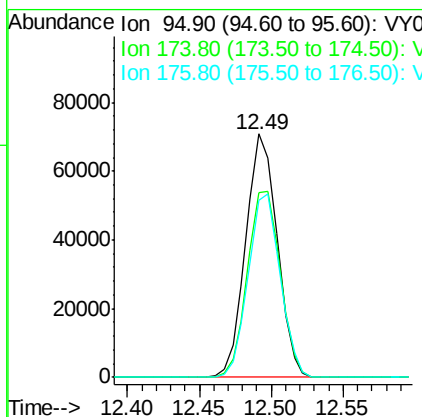
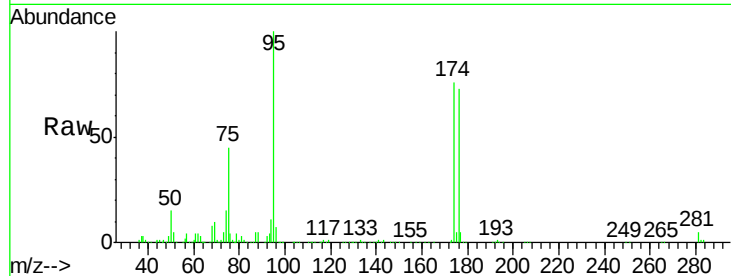




#62
4-Bromofluorobenzene
Concen: 49.370 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002409.D
Acq: 17 Apr 2020 18:56

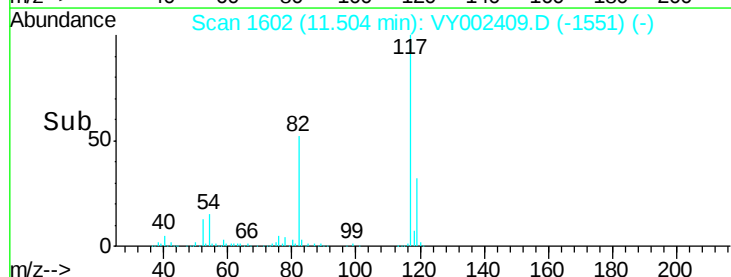
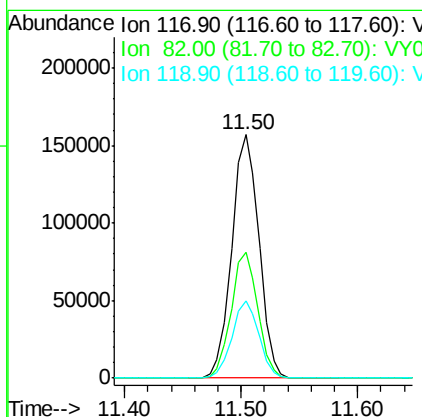
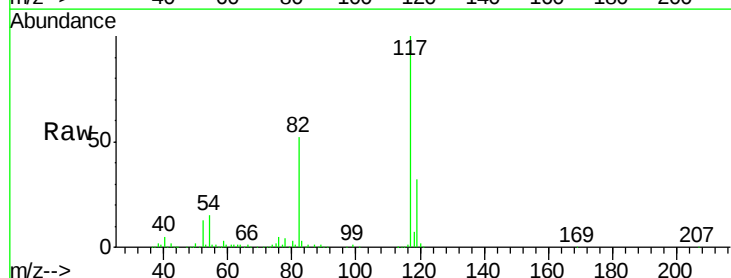
Instrument :
MSVOA_Y
ClientSampleId :
PA-2

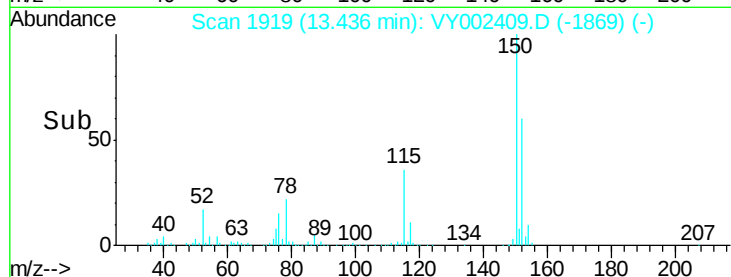
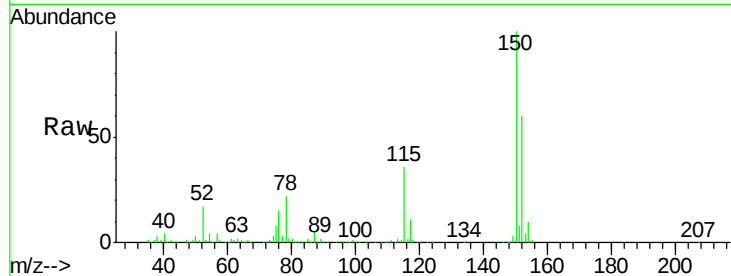
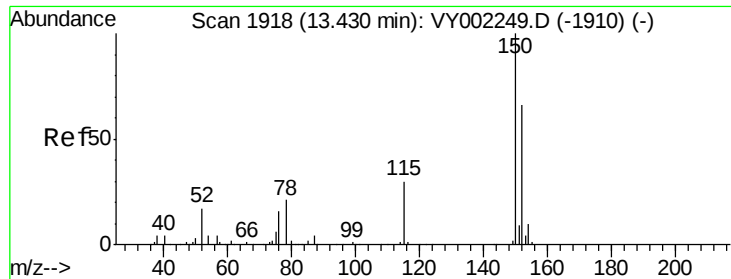
Tot Ion: 95 Resp: 107041
Ion Ratio Lower Upper
95 100
174 80.0 0.0 150.6
176 76.3 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002409.D
Acq: 17 Apr 2020 18:56

Tgt Ion: 117 Resp: 254909
Ion Ratio Lower Upper
117 100
82 51.7 44.2 66.4
119 31.8 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: VY002409.D

Acq: 17 Apr 2020 18:56

Instrument :

MSVOA_Y

ClientSampleId :

PA-2

Tot Ion:152 Resp: 115338

Ion Ratio Lower Upper

152 100

115 58.7 30.7 92.1

150 159.2 0.0 350.6

