

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
 Data File : VY002312.D
 Acq On : 14 Apr 2020 16:33
 Operator : SY/MD
 Sample : L2229-31RE
 Misc : 5.81G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1RE

Quant Time: Apr 15 06:32:55 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

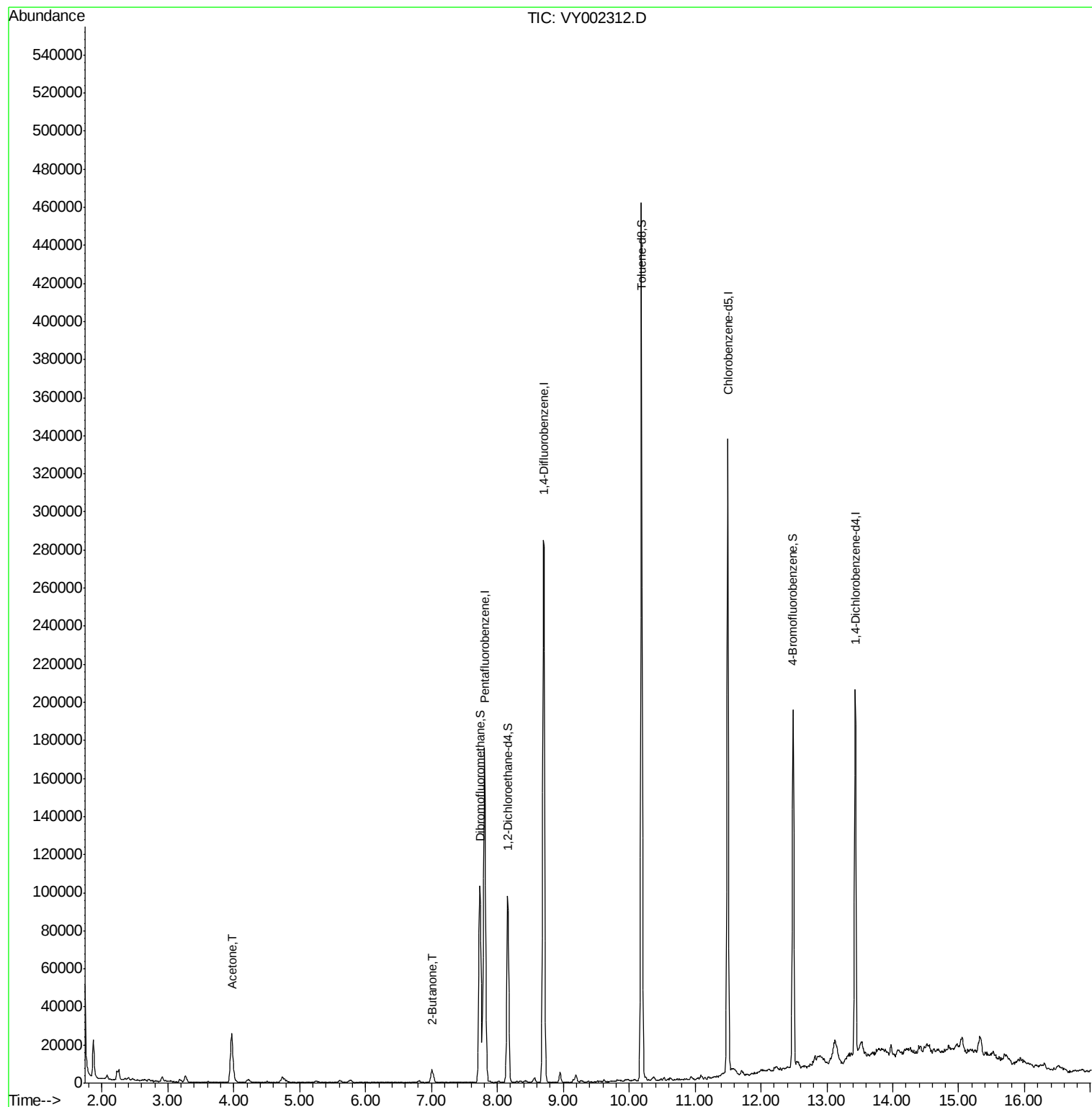
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	134792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	253720	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	185741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	48772	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	70232	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
35) Dibromofluoromethane	7.74	113	76857	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
50) Toluene-d8	10.19	98	299082	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
62) 4-Bromofluorobenzene	12.49	95	65344	31.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.68%	
Target Compounds						
16) Acetone	3.97	43	44608	112.987	ug/l	99
25) 2-Butanone	7.01	43	11384	18.220	ug/l	93

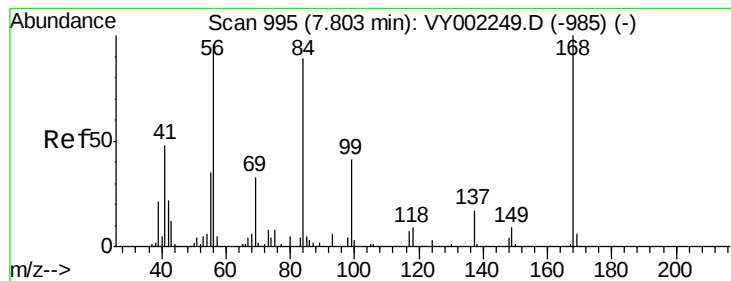
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002312.D

Acq: 14 Apr 2020 16:33

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MSVOA_Y

ClientSampleId :

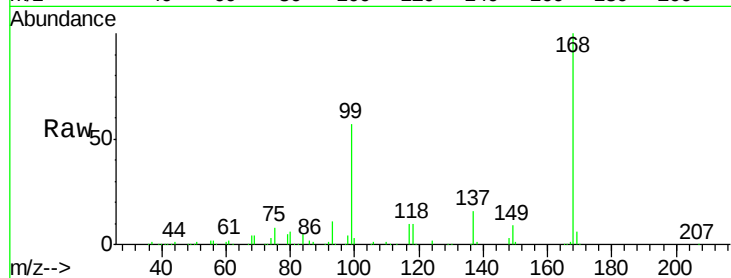
TP-1RE

Tot Ion:168 Resp: 134792

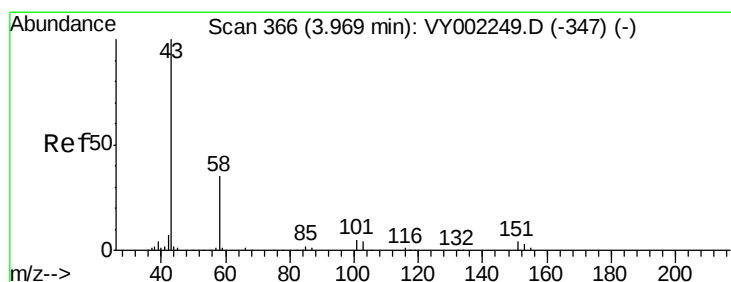
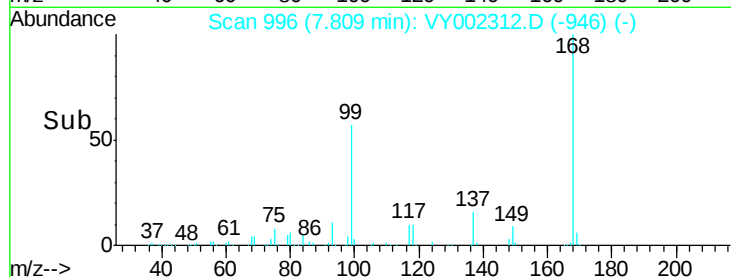
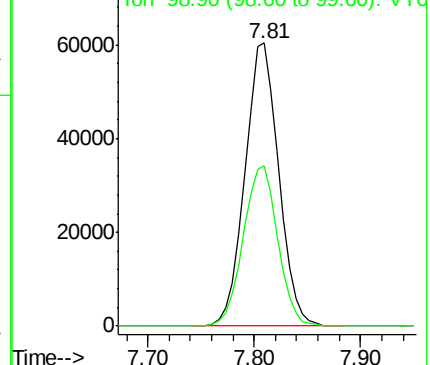
Ion Ratio Lower Upper

168 100

99 56.6 48.0 72.0



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



#16

Acetone

Concen: 112.987 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.00 min

Lab File: VY002312.D

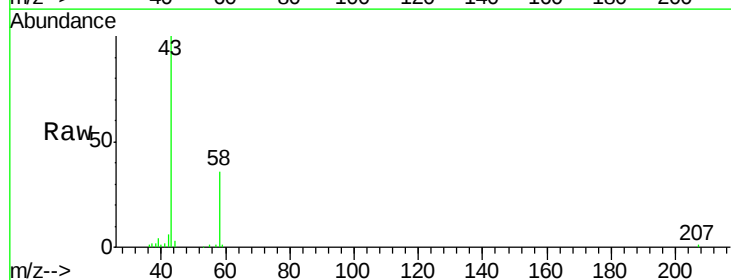
Acq: 14 Apr 2020 16:33

Tgt Ion: 43 Resp: 44608

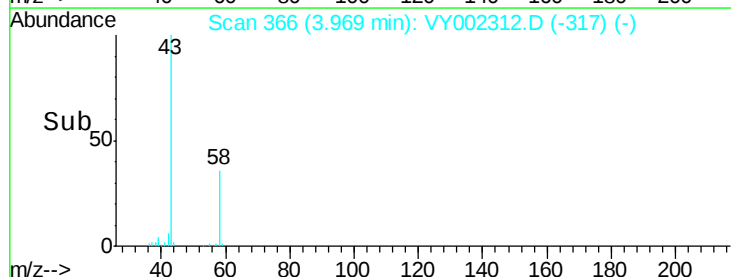
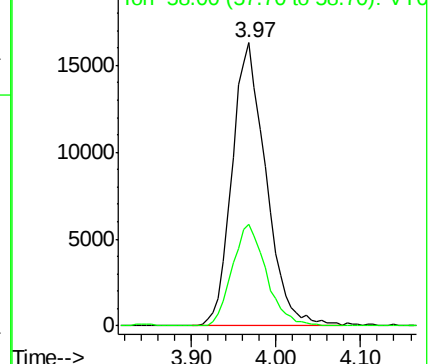
Ion Ratio Lower Upper

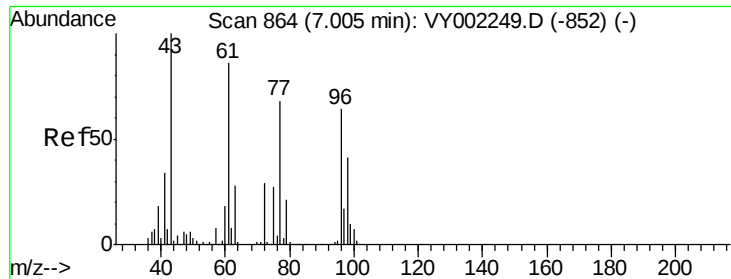
43 100

58 35.9 28.5 42.7



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





#25

2-Butanone

Concen: 18.220 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002312.D

Acq: 14 Apr 2020 16:33

Instrument :

MSVOA_Y

ClientSampleId :

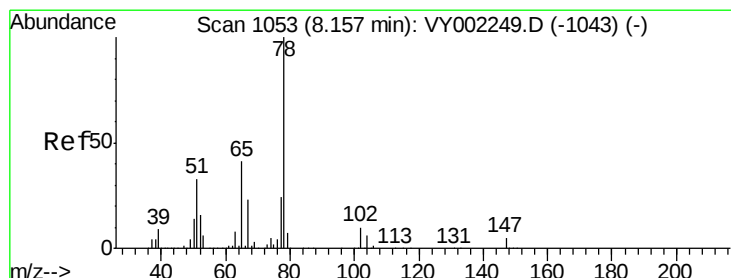
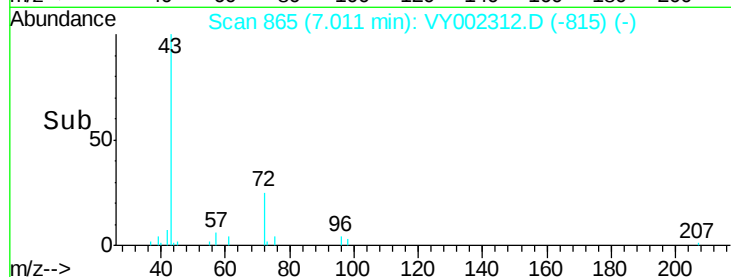
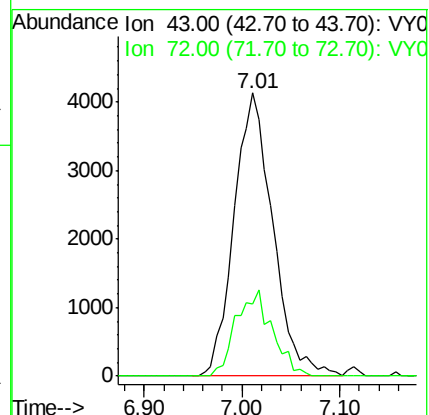
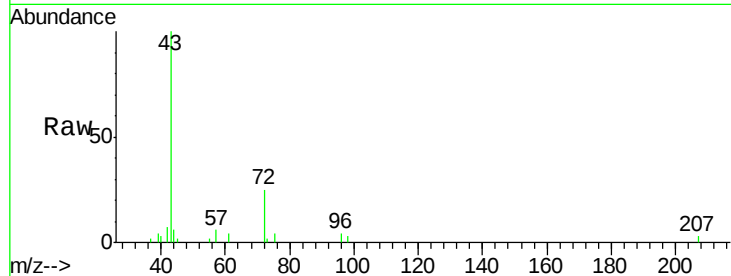
TP-1RE

Tot Ion: 43 Resp: 11384

Ion Ratio Lower Upper

43 100

72 25.4 23.2 34.8



#33

1,2-Dichloroethane-d4

Concen: 46.853 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VY002312.D

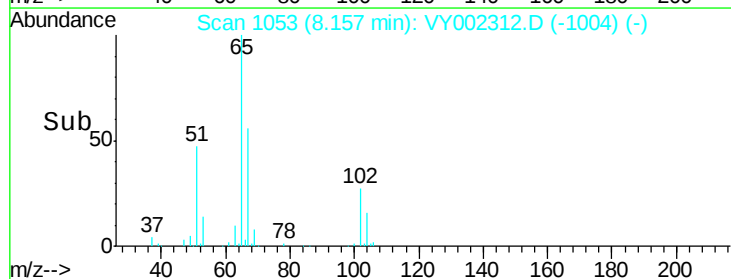
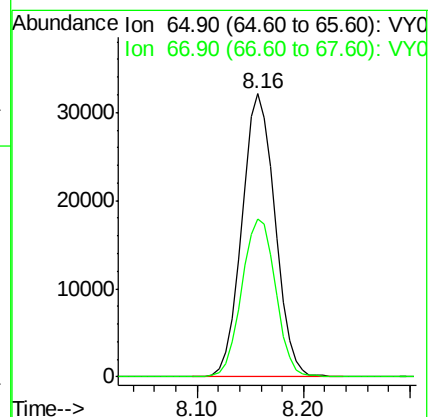
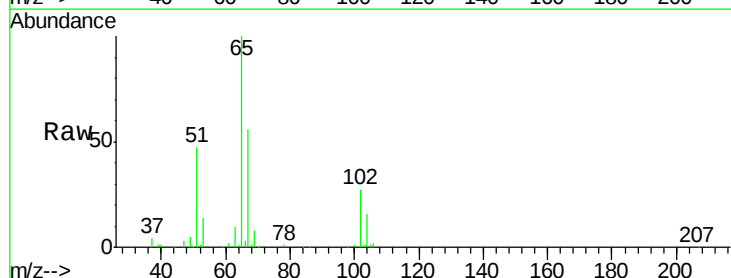
Acq: 14 Apr 2020 16:33

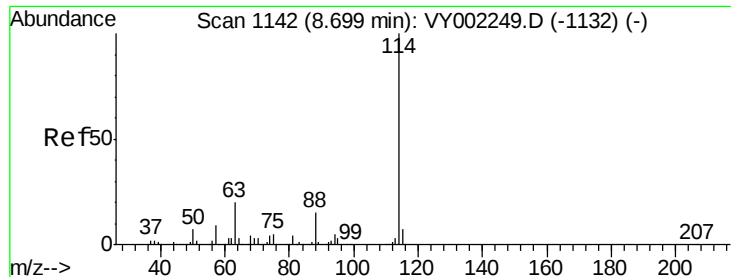
Tgt Ion: 65 Resp: 70232

Ion Ratio Lower Upper

65 100

67 57.2 0.0 114.0

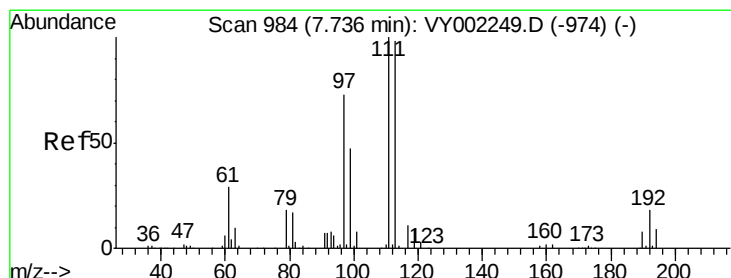
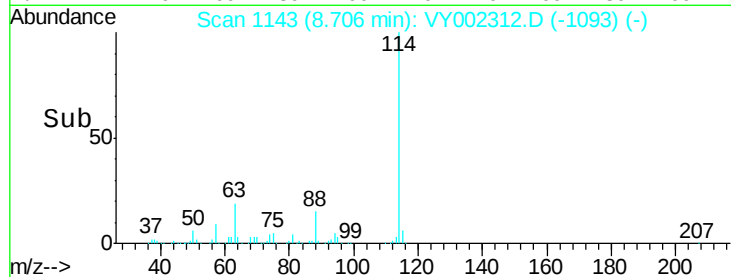
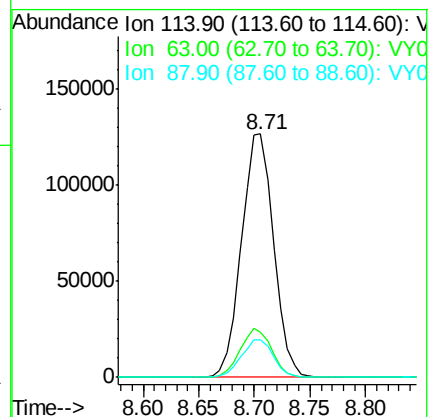
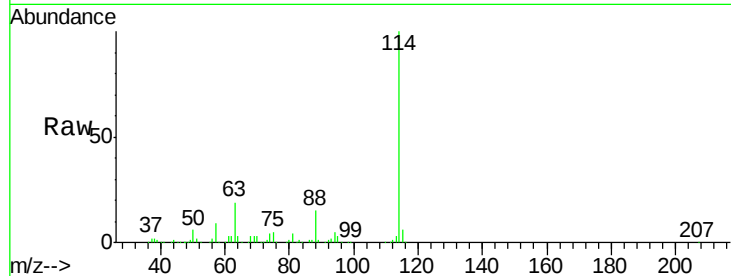




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002312.D
 Acq: 14 Apr 2020 16:33

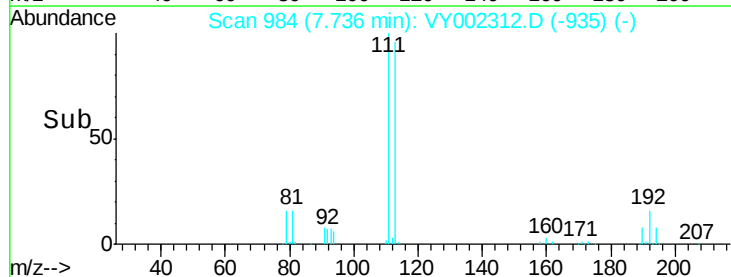
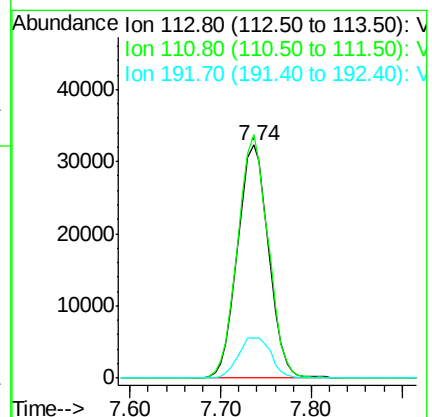
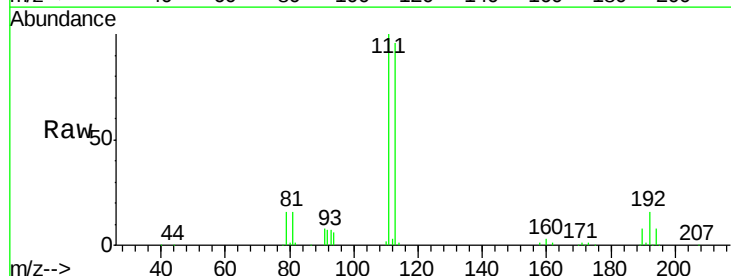
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1RE

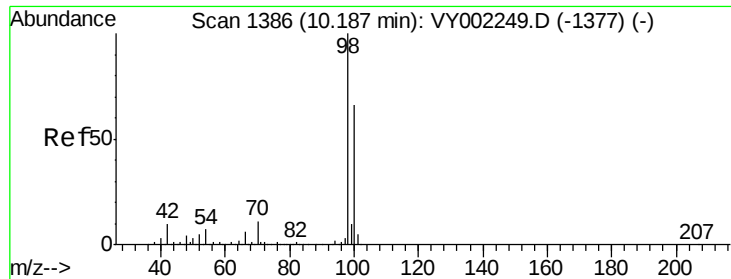
Tot Ion:114 Resp: 253720
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.0
 88 15.4 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 50.908 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002312.D
 Acq: 14 Apr 2020 16:33

Tgt Ion:113 Resp: 76857
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.5 125.3
 192 18.1 14.7 22.1

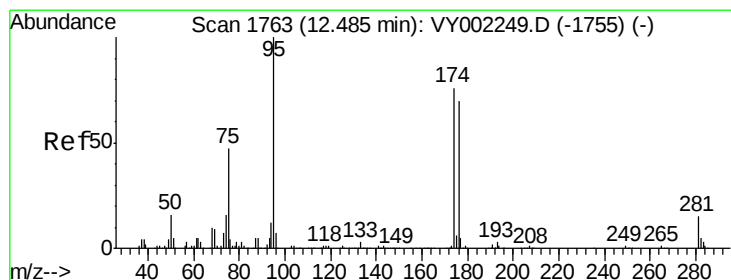
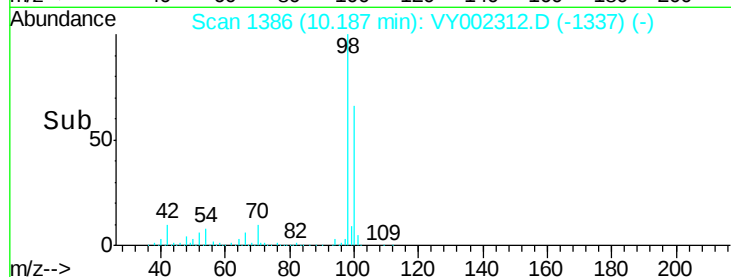
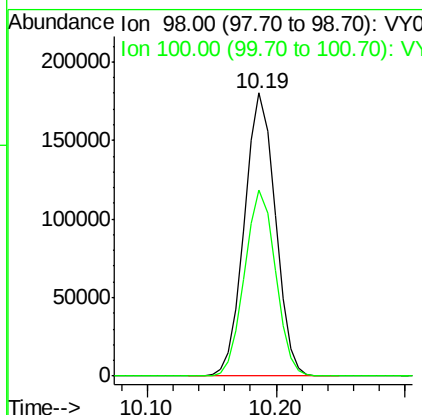
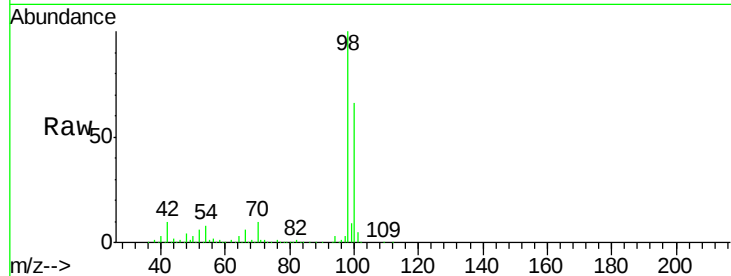




#50
Toluene-d8
Concen: 47.330 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002312.D
Acq: 14 Apr 2020 16:33

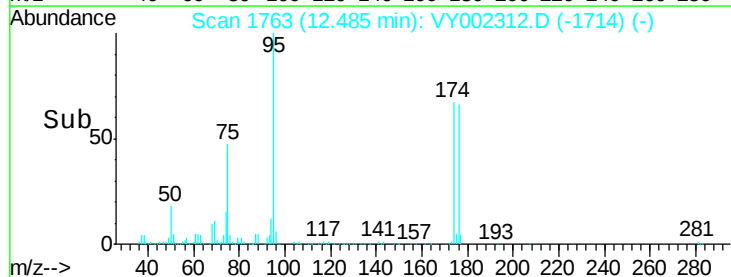
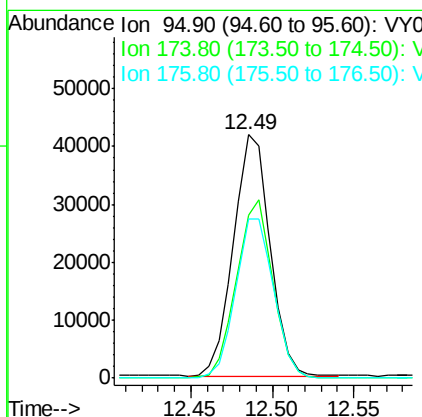
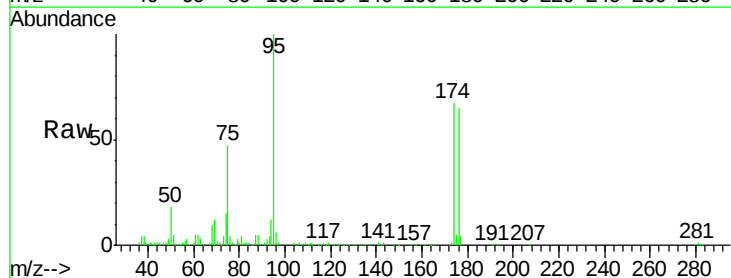
Instrument :
MSVOA_Y
ClientSampleId :
TP-1RE

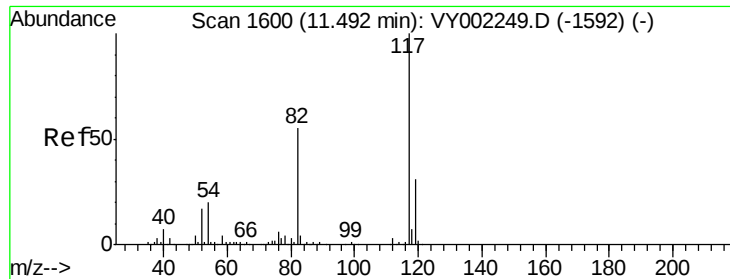
Tot Ion: 98 Resp: 299082
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 31.344 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002312.D
Acq: 14 Apr 2020 16:33

Tgt Ion: 95 Resp: 65344
Ion Ratio Lower Upper
95 100
174 72.9 0.0 150.6
176 68.6 0.0 141.4

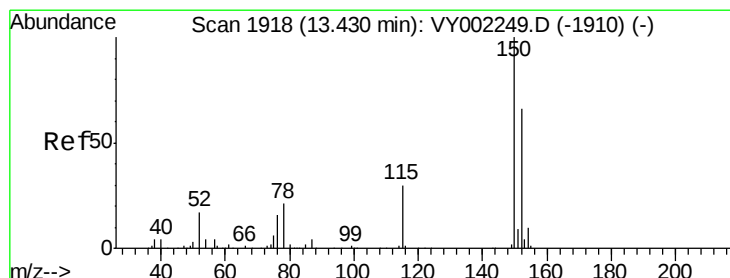
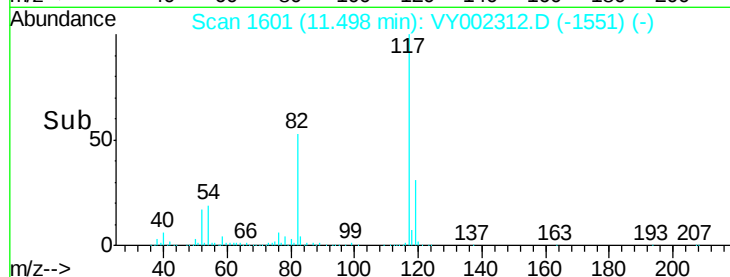
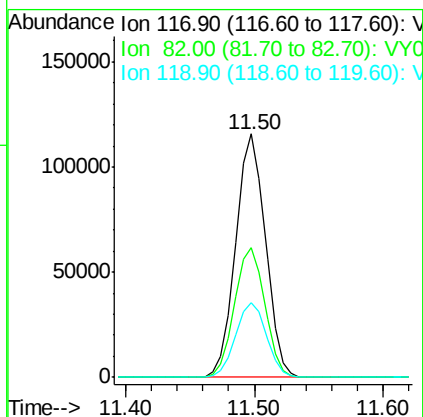
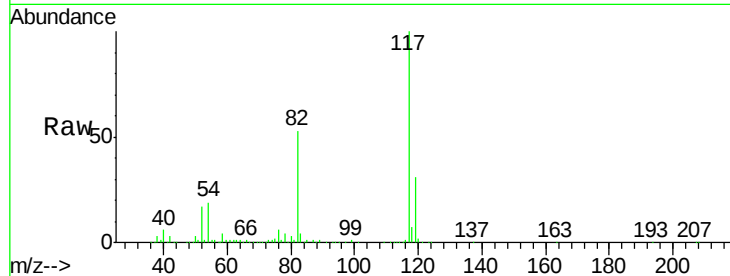




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002312.D
Acq: 14 Apr 2020 16:33

Instrument :
MSVOA_Y
ClientSampleId :
TP-1RE

Tot Ion:117 Resp: 185741
Ion Ratio Lower Upper
117 100
82 53.1 44.2 66.4
119 30.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002312.D
Acq: 14 Apr 2020 16:33

Tgt Ion:152 Resp: 48772
Ion Ratio Lower Upper
152 100
115 61.0 30.7 92.1
150 159.7 0.0 350.6

