

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
 Data File : VY002308.D
 Acq On : 14 Apr 2020 15:04
 Operator : SY/MD
 Sample : L2230-47
 Misc : 7.24G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-34

Quant Time: Apr 15 06:23:14 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

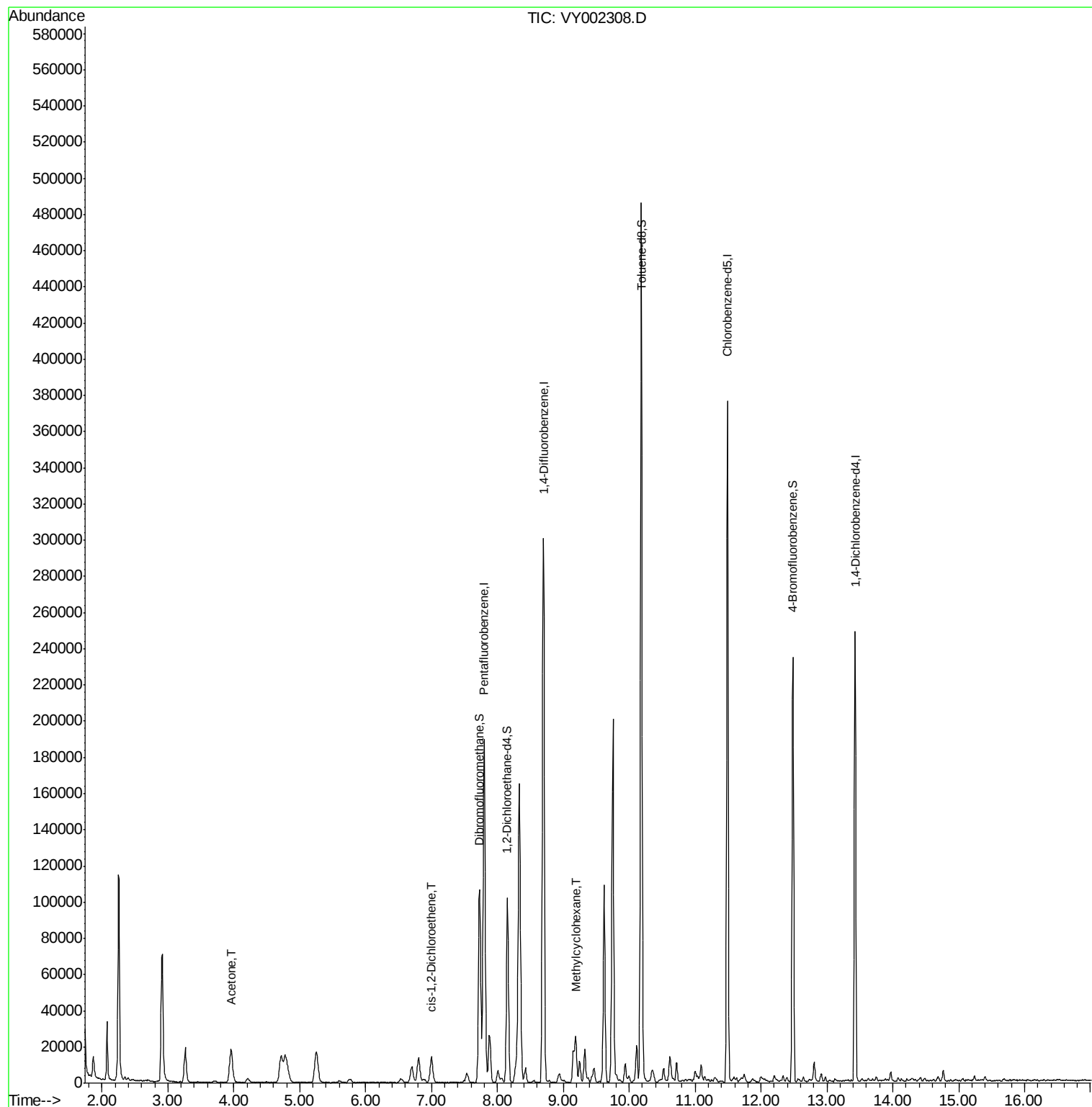
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	138714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	271797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	213853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	62003	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	73430	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
35) Dibromofluoromethane	7.73	113	79186	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
50) Toluene-d8	10.18	98	323509	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
62) 4-Bromofluorobenzene	12.48	95	78305	35.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.12%	
Target Compounds						
16) Acetone	3.96	43	23033	56.691	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	5518	2.693	ug/l	83
39) Methylcyclohexane	9.19	83	10590	2.908	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002308.D

Acq: 14 Apr 2020 15:04

Instrument :

MSVOA_Y

ClientSampleId :

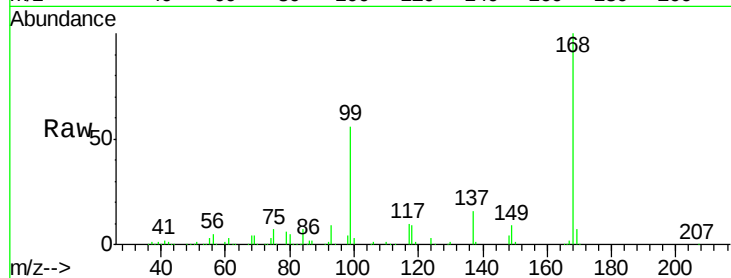
TP-34

Tot Ion:168 Resp: 138714

Ion Ratio Lower Upper

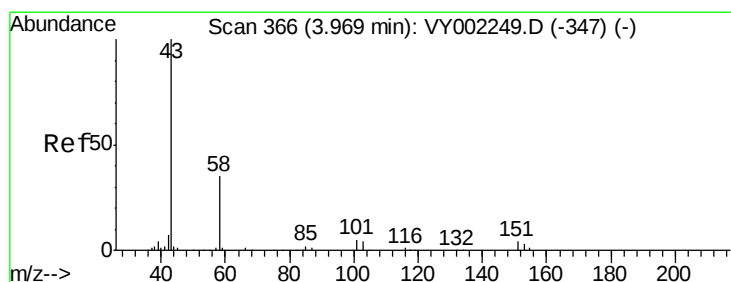
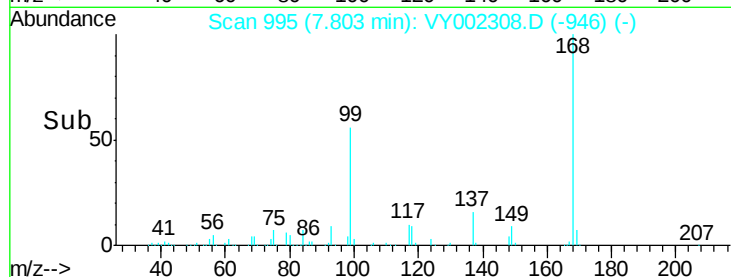
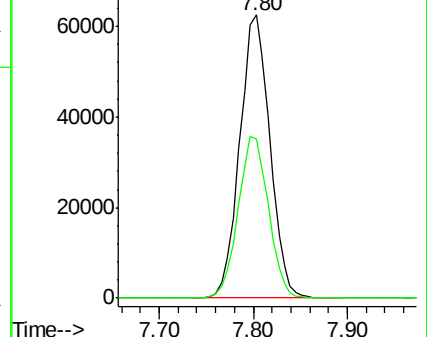
168 100

99 56.3 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: 56.691 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY002308.D

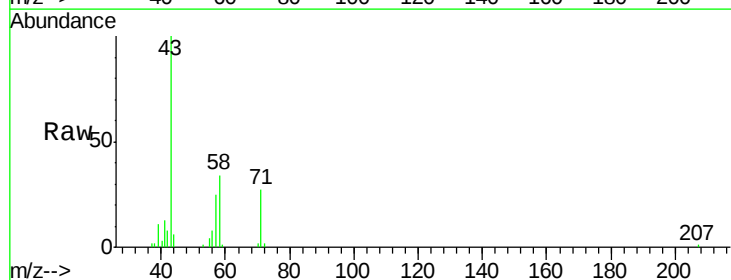
Acq: 14 Apr 2020 15:04

Tgt Ion: 43 Resp: 23033

Ion Ratio Lower Upper

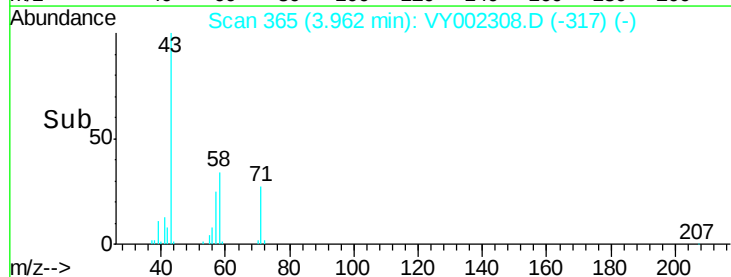
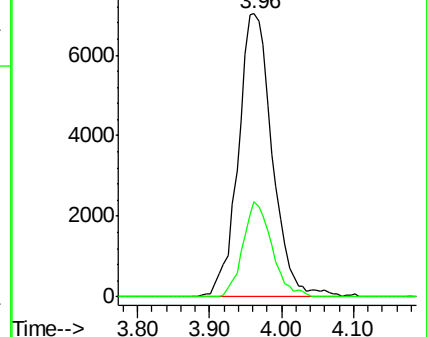
43 100

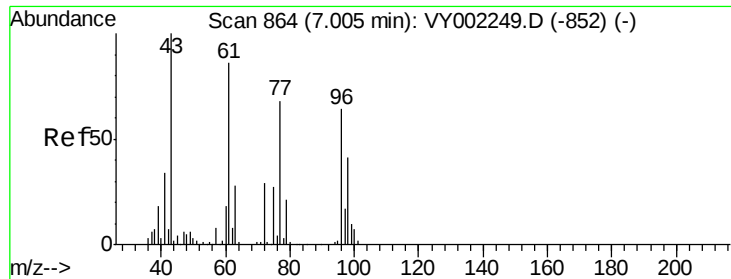
58 33.8 28.5 42.7



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

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

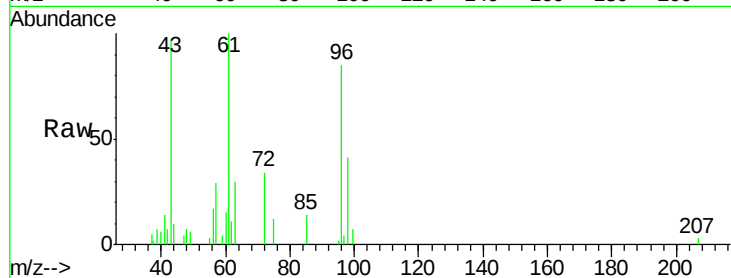




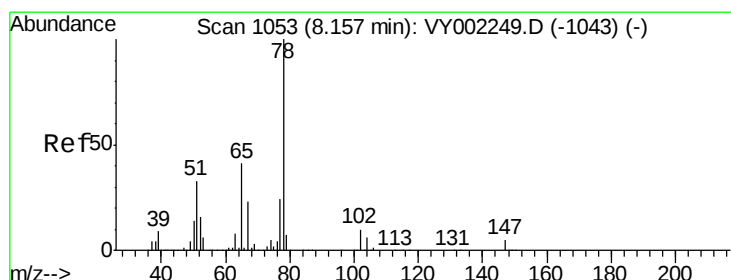
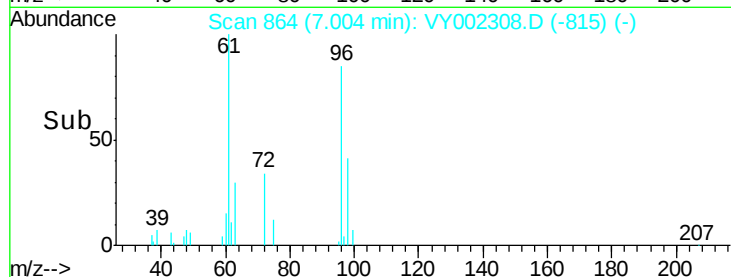
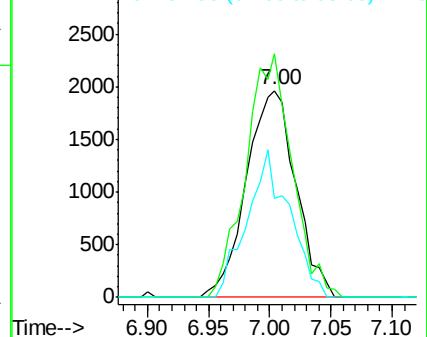
#27
 cis-1,2-Dichloroethene
 Concen: 2.693 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VY002308.D
 Acq: 14 Apr 2020 15:04

Instrument :
 MSVOA_Y
 ClientSampled :
 TP-34

Tot Ion: 96 Resp: 5518
 Ion Ratio Lower Upper
 96 100
 61 110.5 0.0 278.0
 98 61.3 0.0 128.6

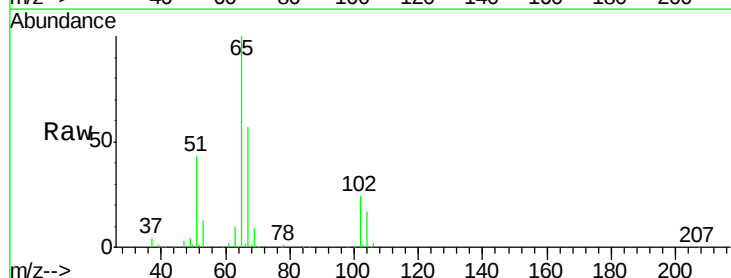


Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0

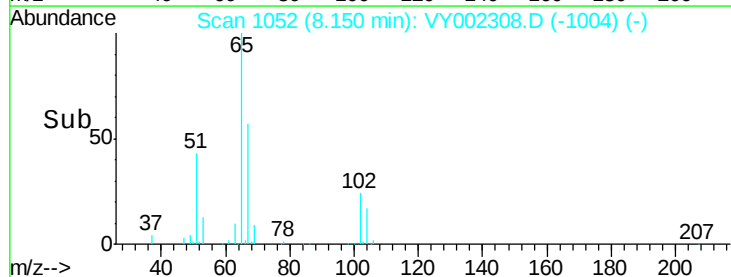
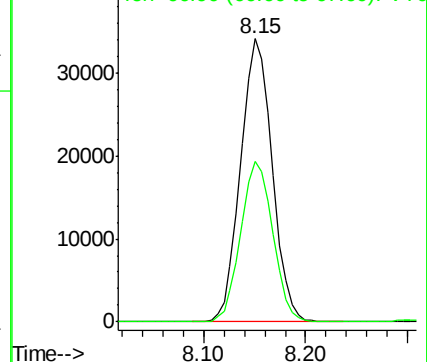


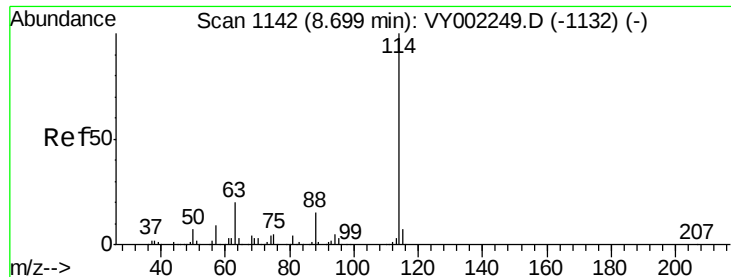
#33
 1,2-Dichloroethane-d4
 Concen: 47.601 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002308.D
 Acq: 14 Apr 2020 15:04

Tgt Ion: 65 Resp: 73430
 Ion Ratio Lower Upper
 65 100
 67 57.5 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY0
 Ion 66.90 (66.60 to 67.60): VY0

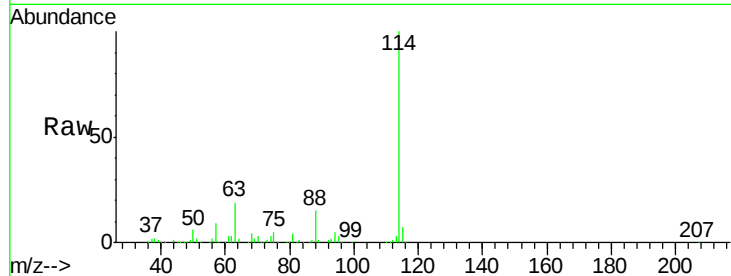




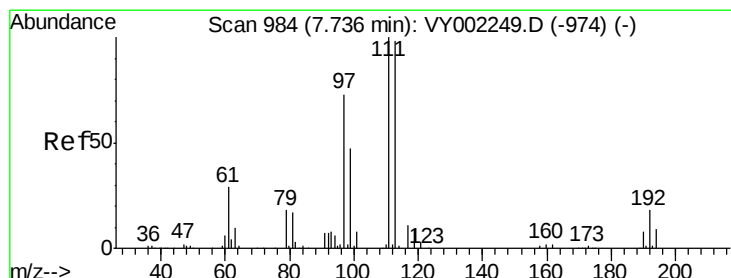
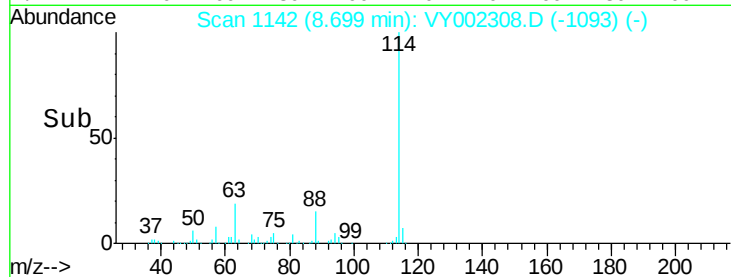
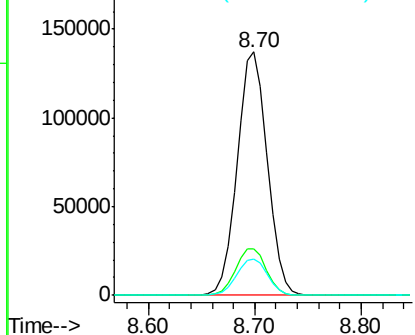
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY002308.D
 Acq: 14 Apr 2020 15:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-34

Tot Ion:114 Resp: 271797
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.0
 88 15.0 0.0 31.0

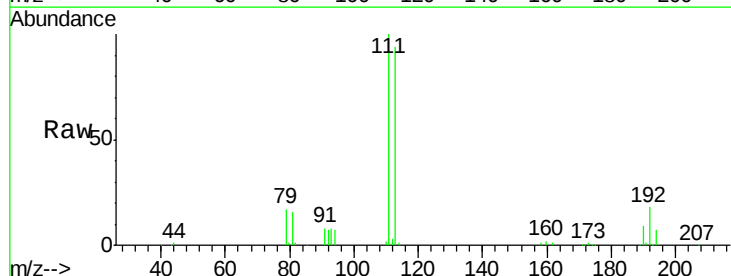


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

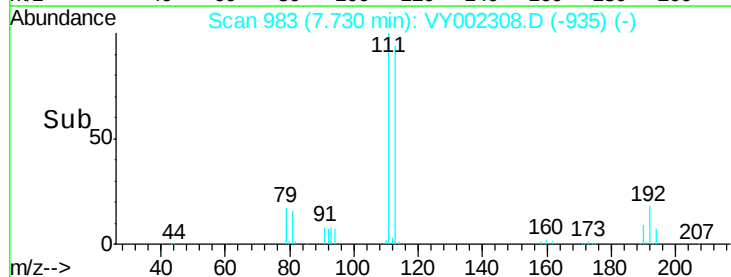
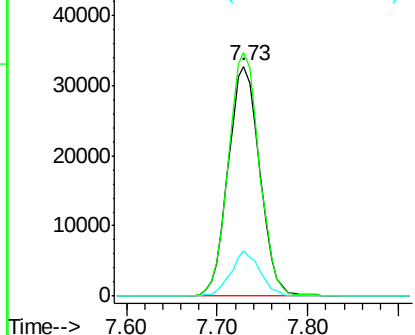


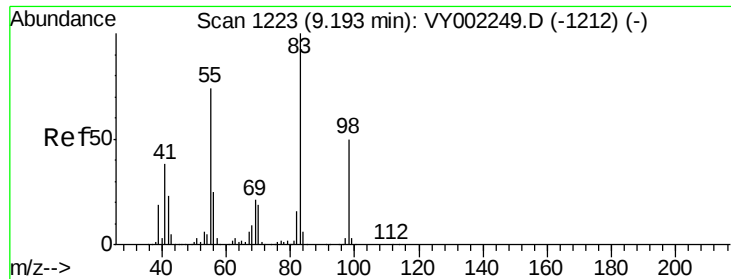
#35
 Dibromofluoromethane
 Concen: 48.962 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002308.D
 Acq: 14 Apr 2020 15:04

Tgt Ion:113 Resp: 79186
 Ion Ratio Lower Upper
 113 100
 111 103.7 83.5 125.3
 192 18.2 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

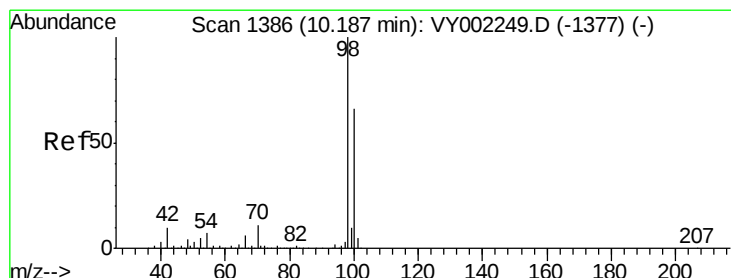
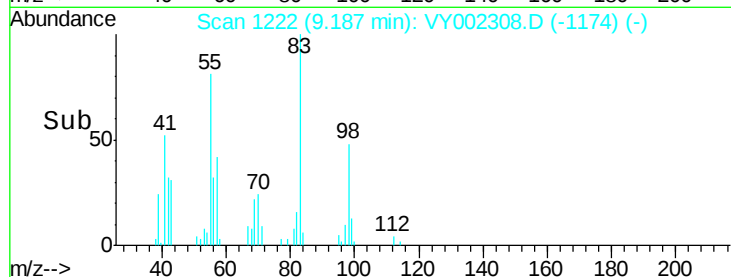
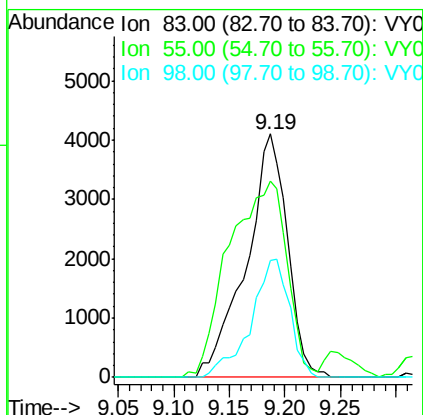
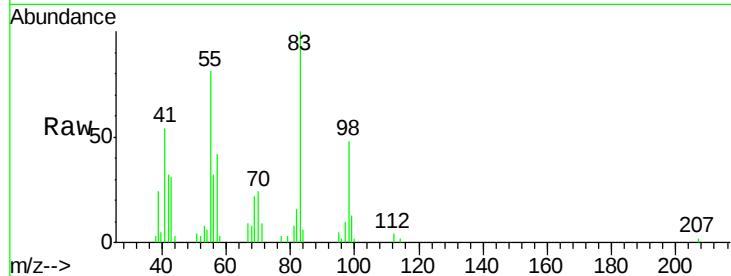




#39
Methylcyclohexane
Concen: 2.908 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002308.D
Acq: 14 Apr 2020 15:04

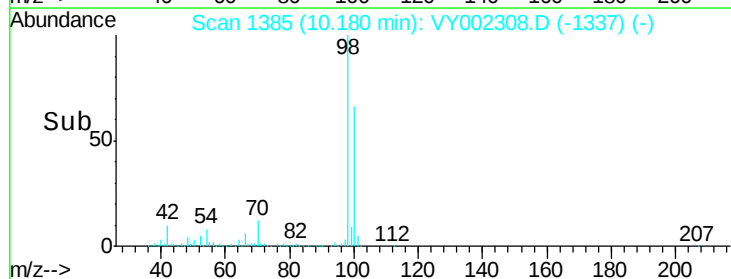
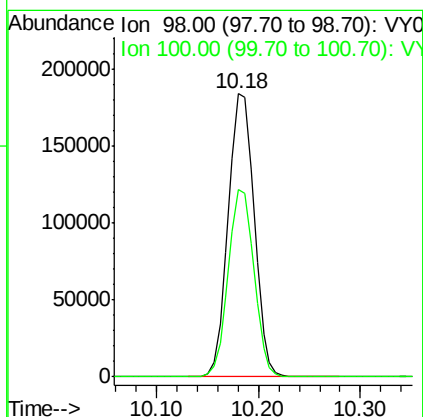
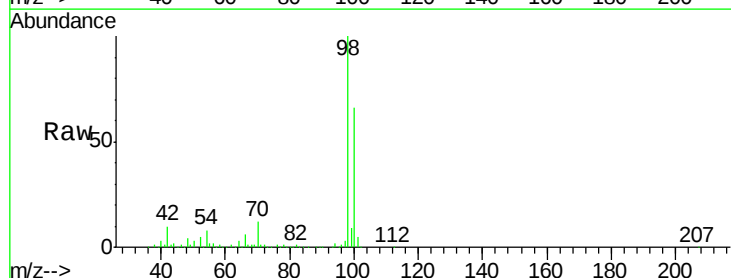
Instrument :
MSVOA_Y
ClientSampled :
TP-34

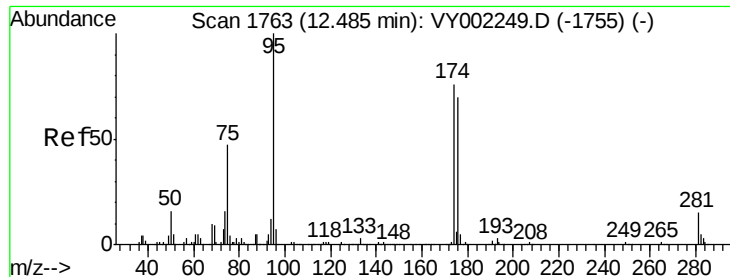
Tot Ion: 83 Resp: 10590
Ion Ratio Lower Upper
83 100
55 78.2 59.3 88.9
98 48.2 39.6 59.4



#50
Toluene-d8
Concen: 47.791 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002308.D
Acq: 14 Apr 2020 15:04

Tgt Ion: 98 Resp: 323509
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8

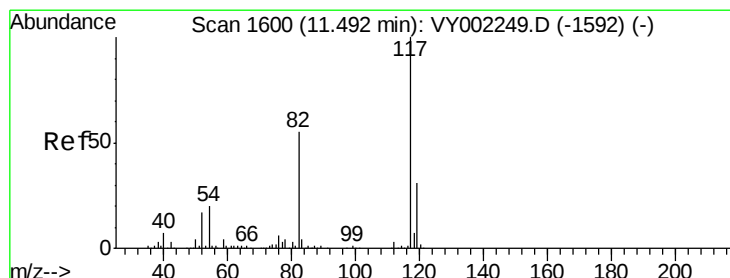
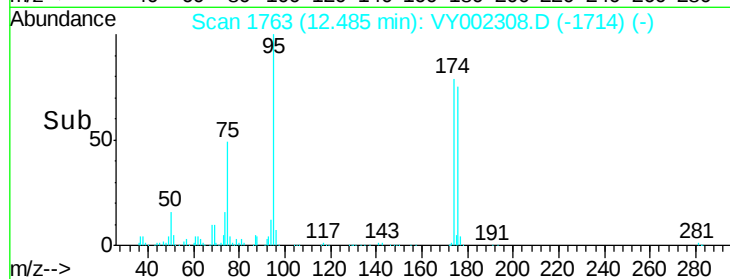
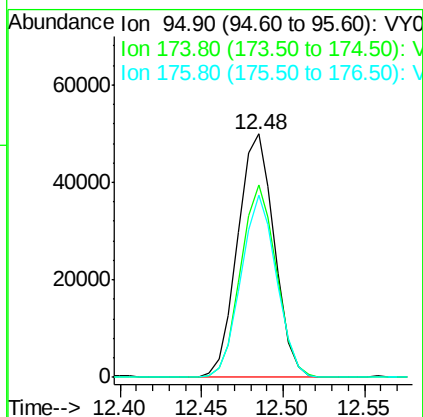
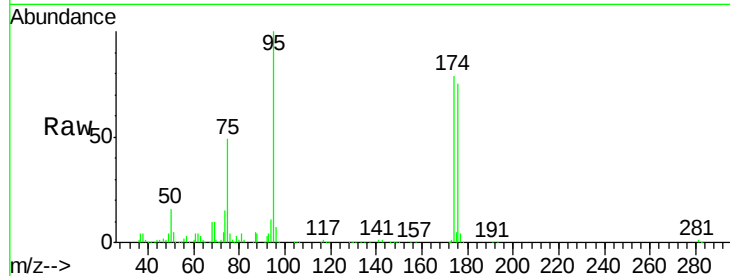




#62
4-Bromofluorobenzene
Concen: 35.063 ug/l
RT: 12.48 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY002308.D
Acq: 14 Apr 2020 15:04

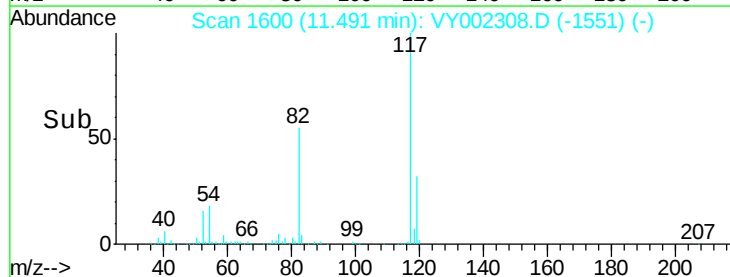
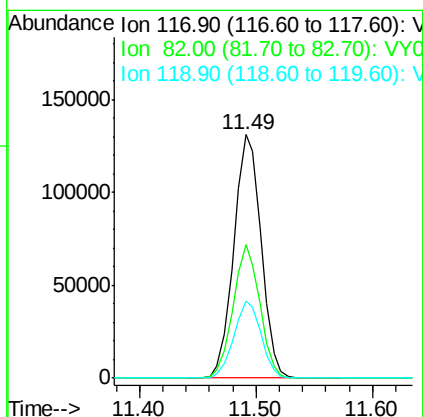
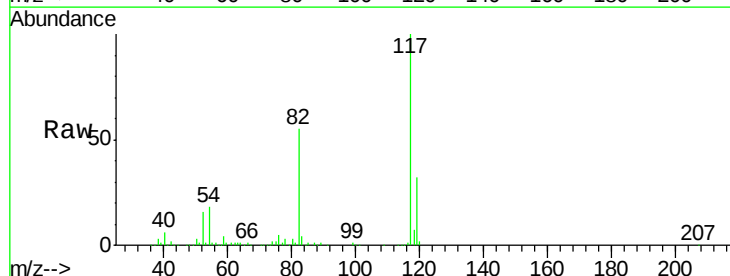
Instrument :
MSVOA_Y
ClientSampleId :
TP-34

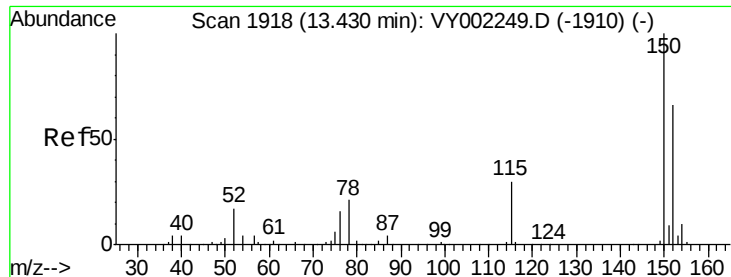
Tot Ion: 95 Resp: 78305
Ion Ratio Lower Upper
95 100
174 77.1 0.0 150.6
176 72.6 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002308.D
Acq: 14 Apr 2020 15:04

Tgt Ion: 117 Resp: 213853
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.4
119 31.9 25.1 37.7

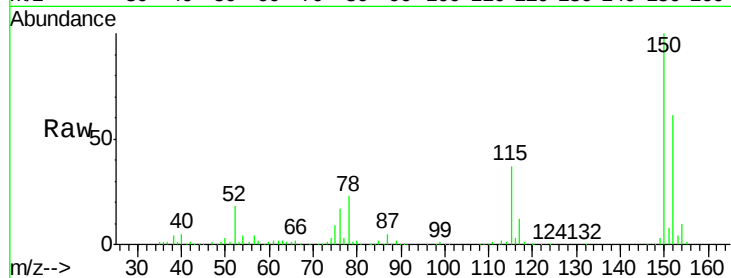




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.43 min Scan# 1918
 Delta R.T. -0.00 min
 Lab File: VY002308.D
 Acq: 14 Apr 2020 15:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-34

Tot Ion:152 Resp: 62003
 Ion Ratio Lower Upper
 152 100
 115 60.6 30.7 92.1
 150 159.9 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

