

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041520\
 Data File : VY002339.D
 Acq On : 15 Apr 2020 16:05
 Operator : SY/MD
 Sample : L2245-28
 Misc : 5.51G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-21B

Quant Time: Apr 16 07:14:09 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

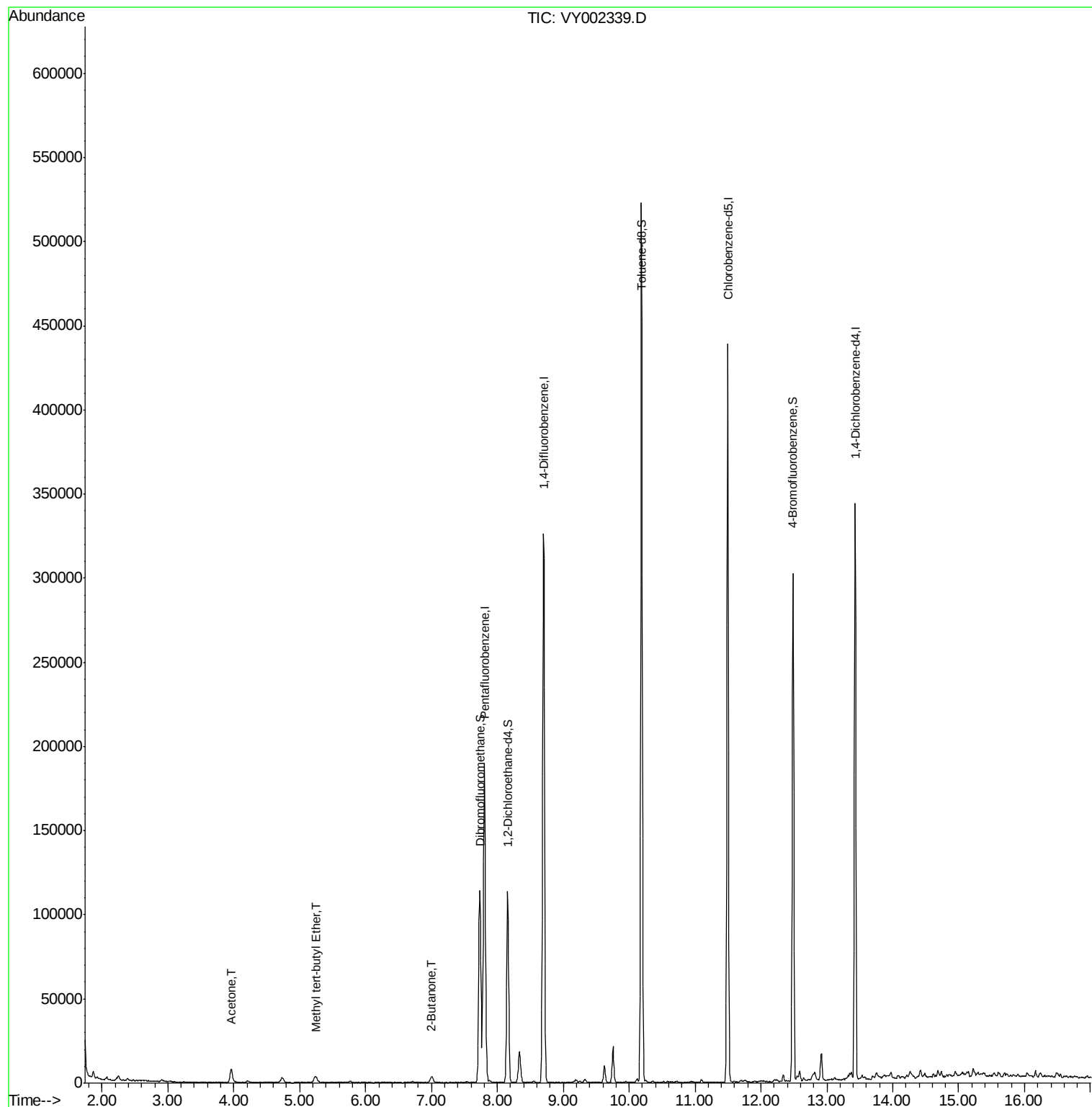
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	145929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	287055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	246167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	82946	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	79631	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
35) Dibromofluoromethane	7.73	113	84581	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
50) Toluene-d8	10.19	98	347681	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	12.49	95	100126	42.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.90%	
Target Compounds						
16) Acetone	3.96	43	13364	31.266	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	6988	1.509	ug/l #	90
25) 2-Butanone	7.00	43	3752	5.547	ug/l	92

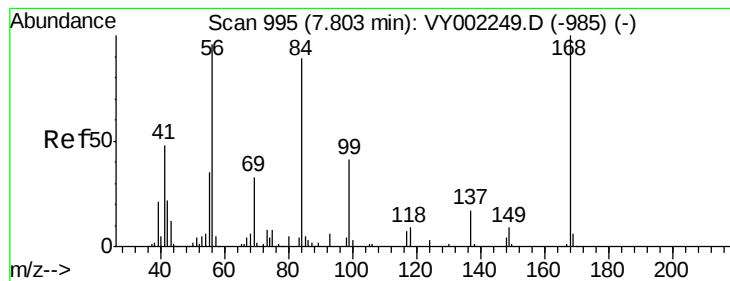
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002339.D

Acq: 15 Apr 2020 16:05

Instrument :

MSVOA_Y

ClientSampled :

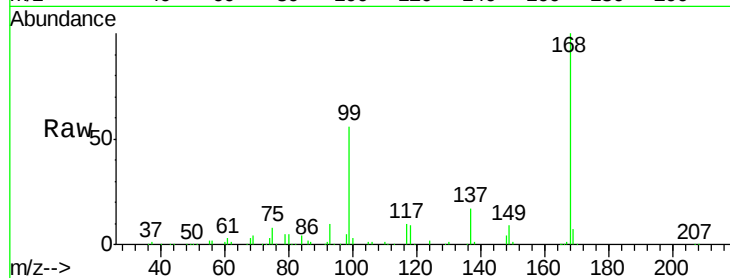
TP-21B

Tot Ion:168 Resp: 145929

Ion Ratio Lower Upper

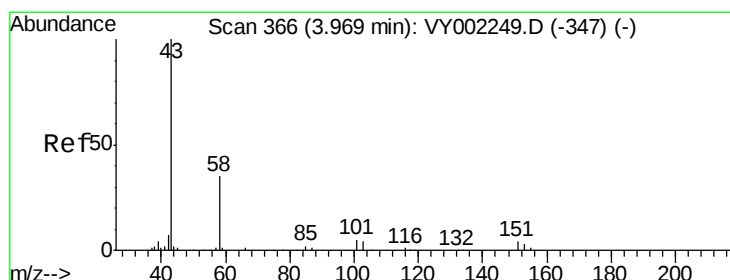
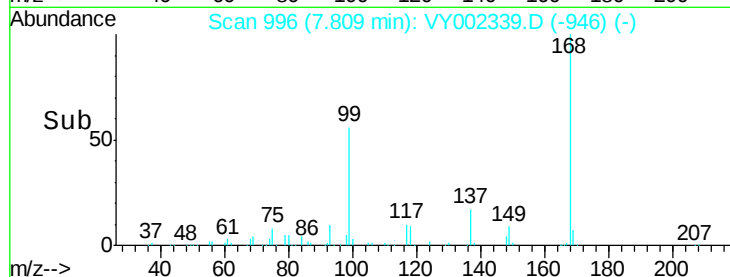
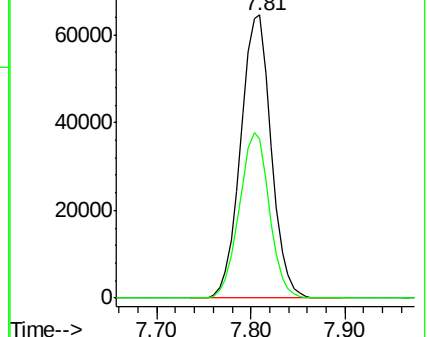
168 100

99 56.5 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: 31.266 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY002339.D

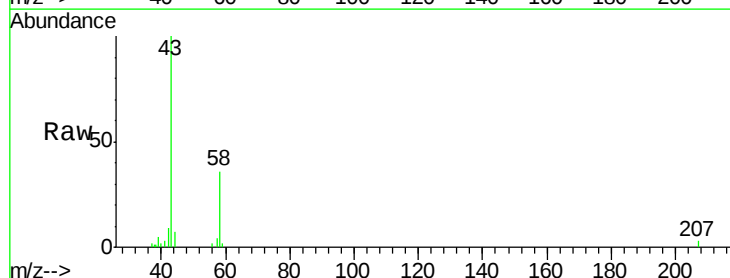
Acq: 15 Apr 2020 16:05

Tgt Ion: 43 Resp: 13364

Ion Ratio Lower Upper

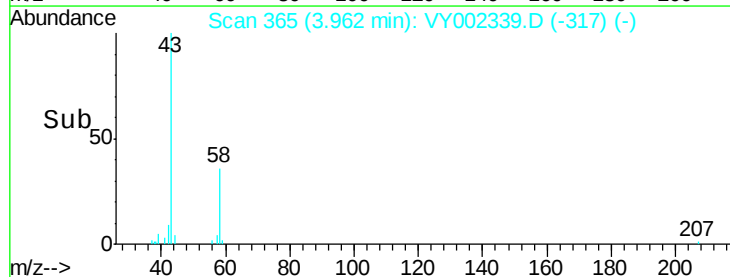
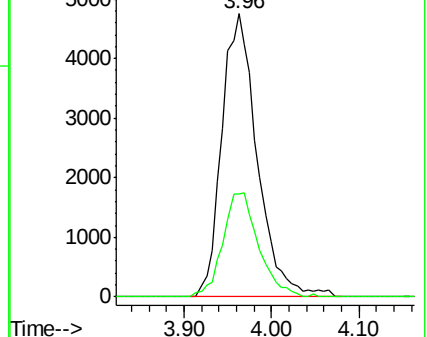
43 100

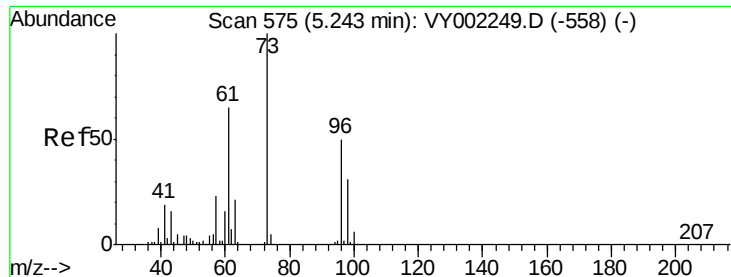
58 36.2 28.5 42.7



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

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

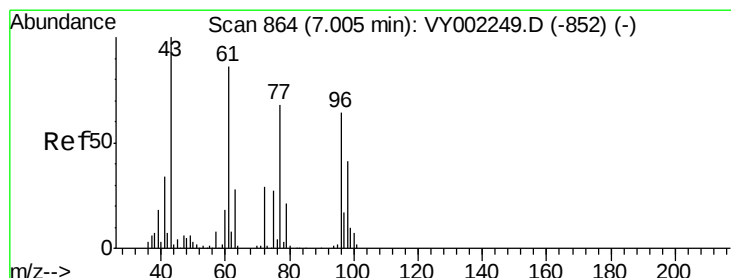
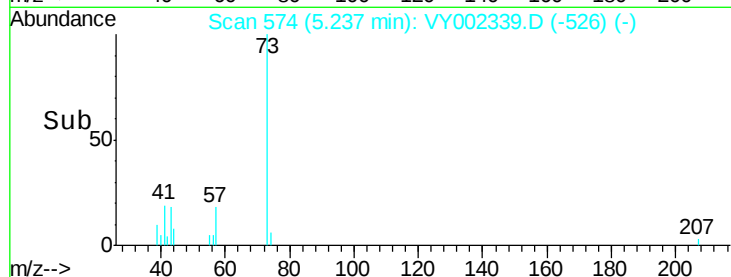
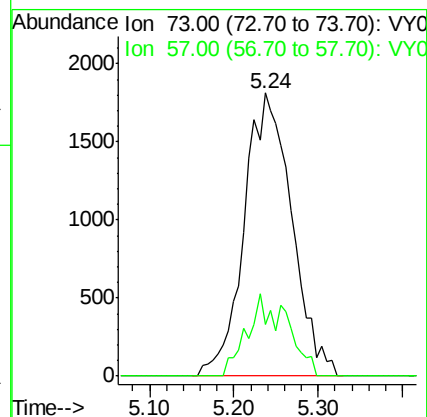
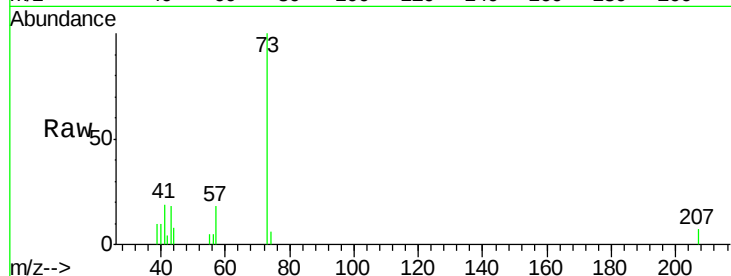




#19
Methvl tert-butvl Ether
Concen: 1.509 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.01 min
Lab File: VY002339.D
Acq: 15 Apr 2020 16:05

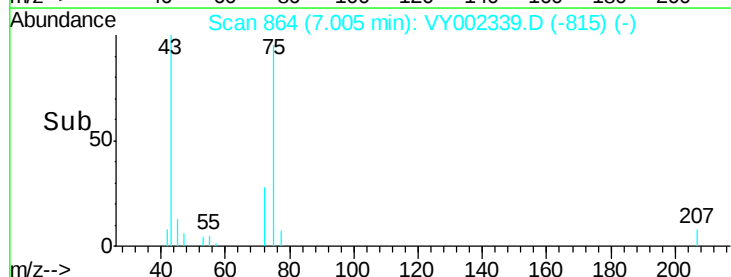
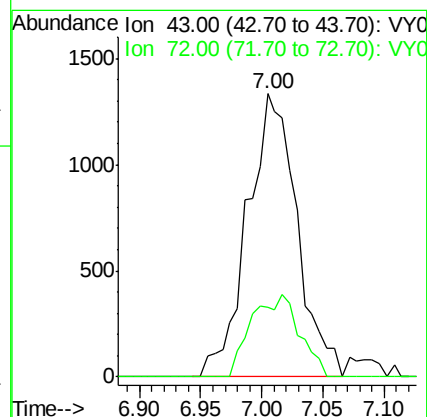
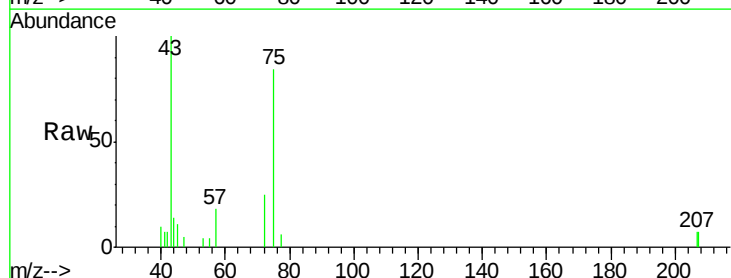
Instrument :
MSVOA_Y
ClientSampled :
TP-21B

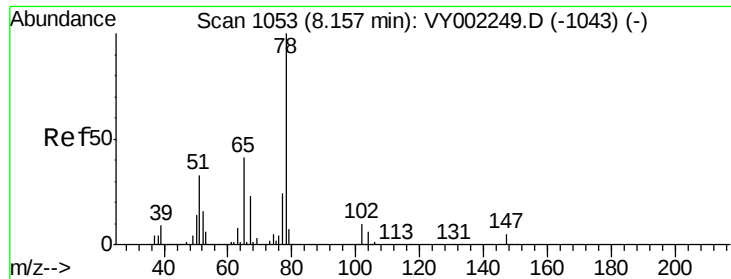
Tot Ion: 73 Resp: 6988
Ion Ratio Lower Upper
73 100
57 18.3 18.7 28.1#



#25
2-Butanone
Concen: 5.547 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.00 min
Lab File: VY002339.D
Acq: 15 Apr 2020 16:05

Tgt Ion: 43 Resp: 3752
Ion Ratio Lower Upper
43 100
72 24.7 23.2 34.8

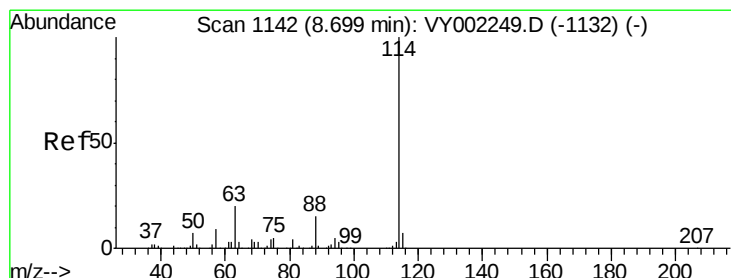
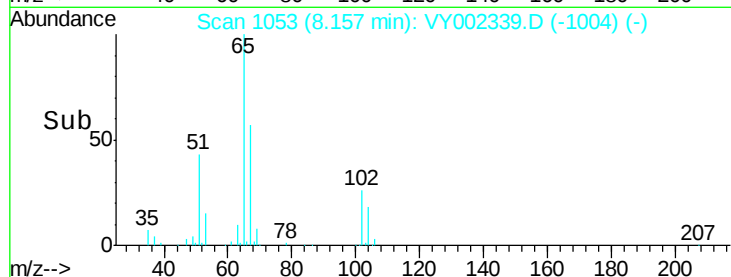
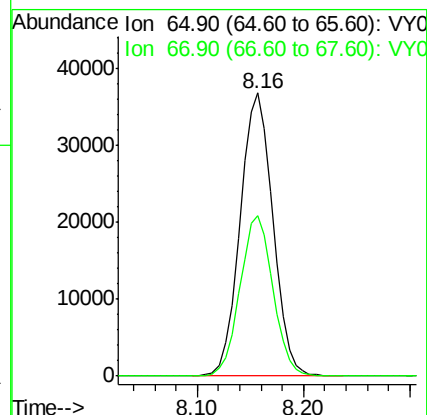
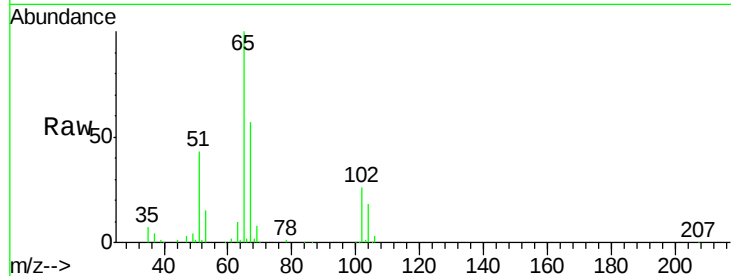




#33
 1,2-Dichloroethane-d4
 Concen: 49.069 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY002339.D
 Acq: 15 Apr 2020 16:05

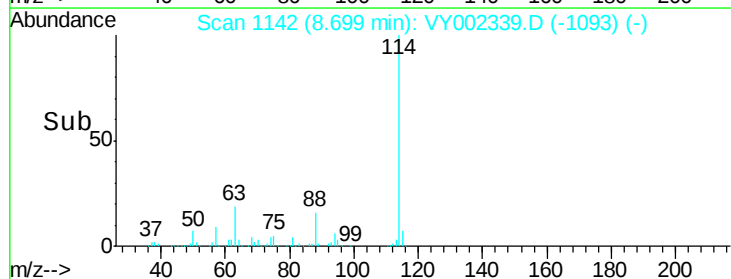
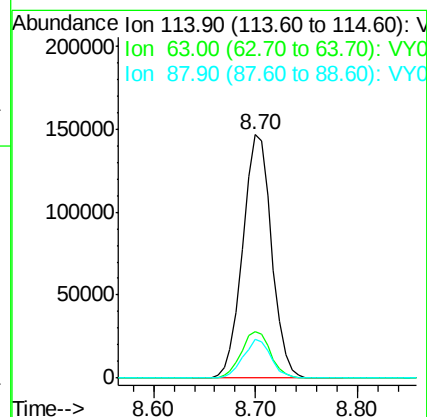
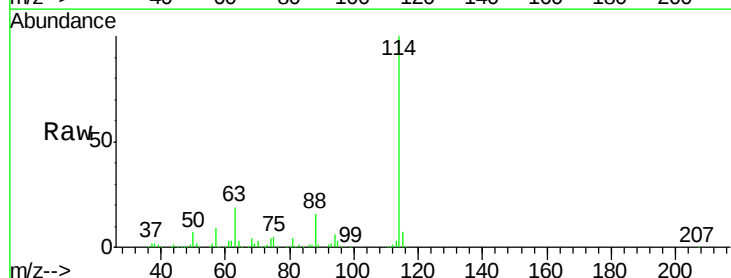
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-21B

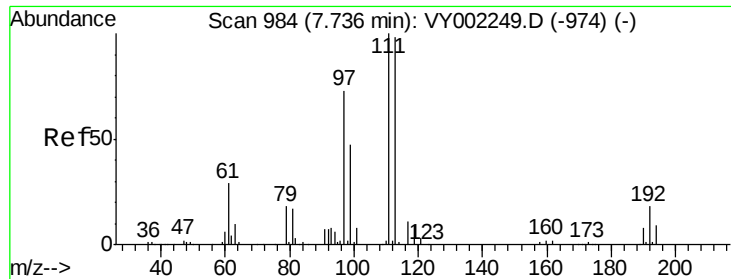
Tot Ion: 65 Resp: 79631
 Ion Ratio Lower Upper
 65 100
 67 57.1 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY002339.D
 Acq: 15 Apr 2020 16:05

Tgt Ion: 114 Resp: 287055
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.0
 88 15.7 0.0 31.0

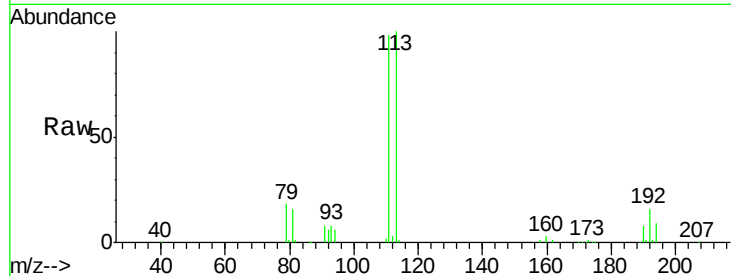




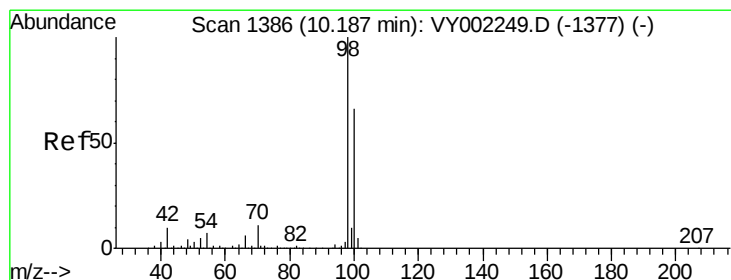
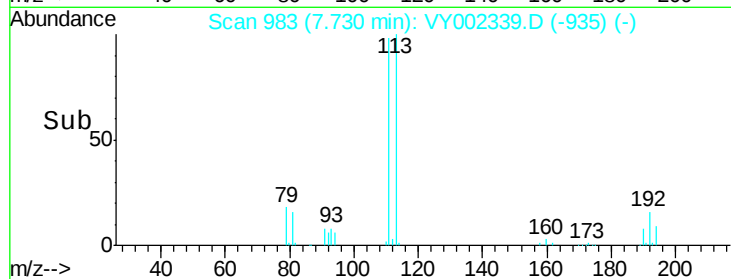
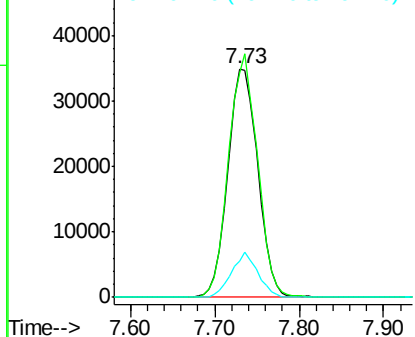
#35
 Dibromofluoromethane
 Concen: 49.518 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002339.D
 Acq: 15 Apr 2020 16:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-21B

Tot Ion:113 Resp: 84581
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.5 125.3
 192 17.3 14.7 22.1

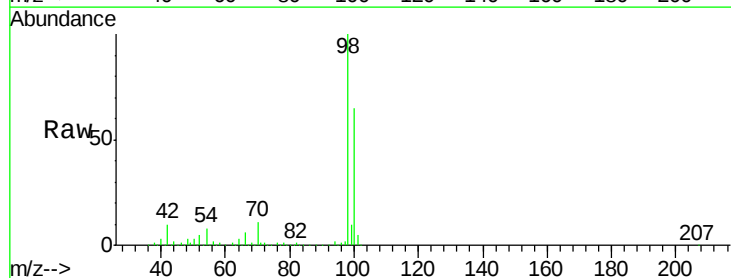


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

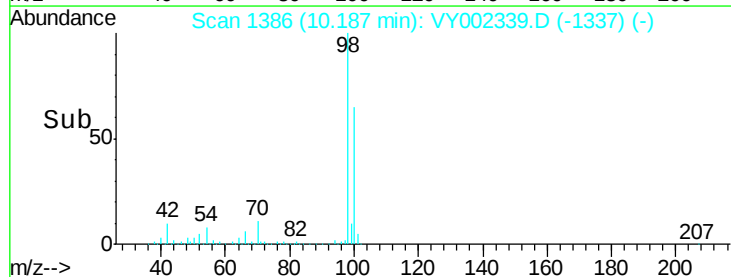
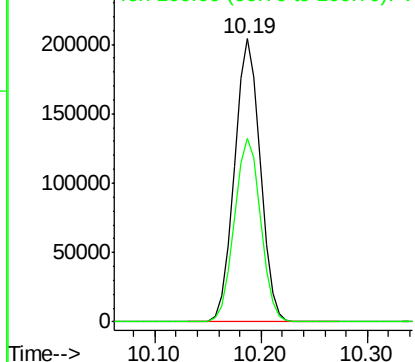


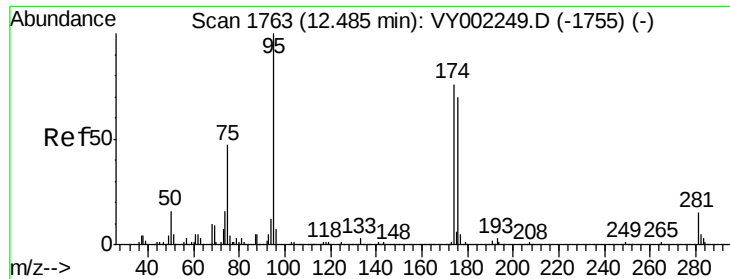
#50
 Toluene-d8
 Concen: 48.632 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: VY002339.D
 Acq: 15 Apr 2020 16:05

Tgt Ion: 98 Resp: 347681
 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

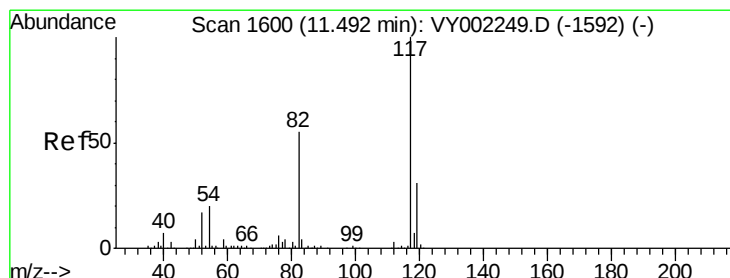
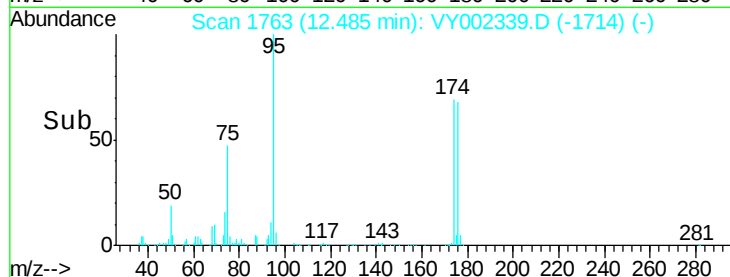
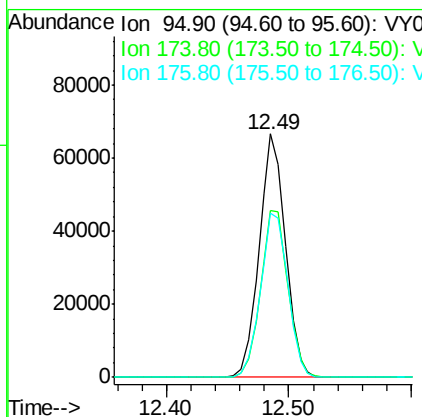
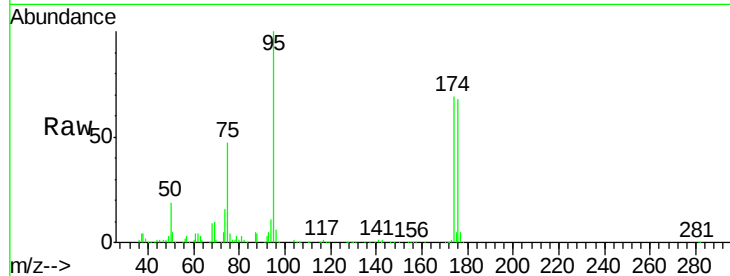




#62
4-Bromofluorobenzene
Concen: 42.451 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002339.D
Acq: 15 Apr 2020 16:05

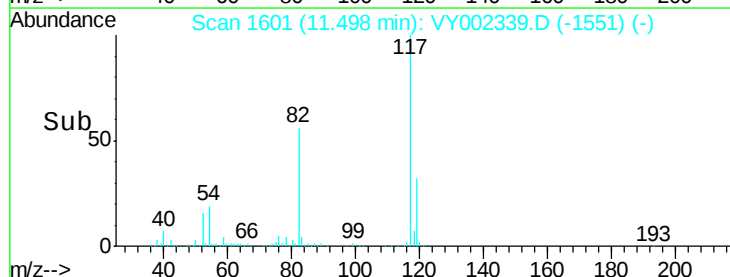
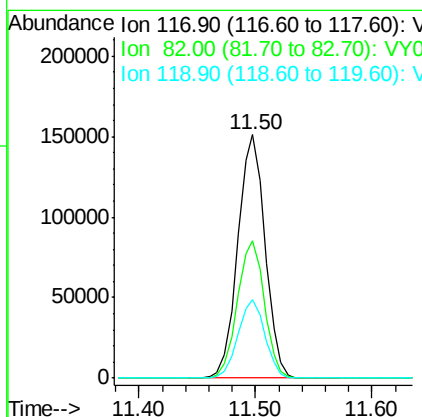
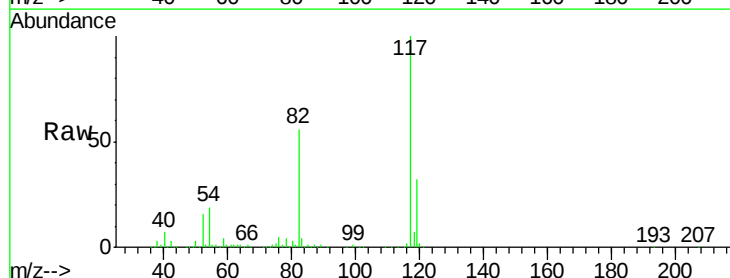
Instrument :
MSVOA_Y
ClientSampled :
TP-21B

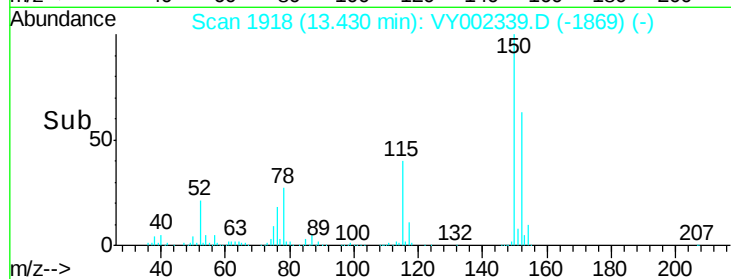
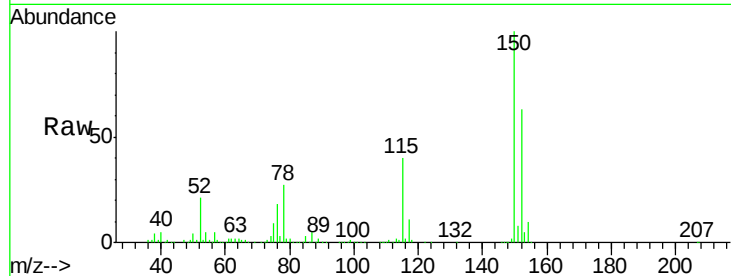
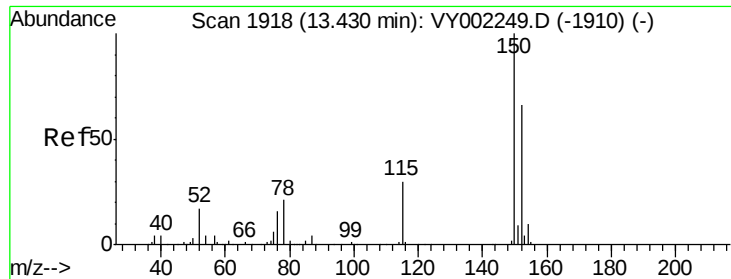
Tot Ion: 95 Resp: 100126
Ion Ratio Lower Upper
95 100
174 71.2 0.0 150.6
176 70.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002339.D
Acq: 15 Apr 2020 16:05

Tgt Ion: 117 Resp: 246167
Ion Ratio Lower Upper
117 100
82 56.2 44.2 66.4
119 32.5 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: VY002339.D

Acq: 15 Apr 2020 16:05

Instrument :

MSVOA_Y

ClientSampleId :

TP-21B

Tot Ion:152 Resp: 82946

Ion Ratio Lower Upper

152 100

115 62.1 30.7 92.1

150 159.8 0.0 350.6

