

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
 Data File : VY003396.D
 Acq On : 31 Jul 2020 17:57
 Operator : SY/MD
 Sample : L3518-12
 Misc : 3.67G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6

Quant Time: Aug 01 02:27:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

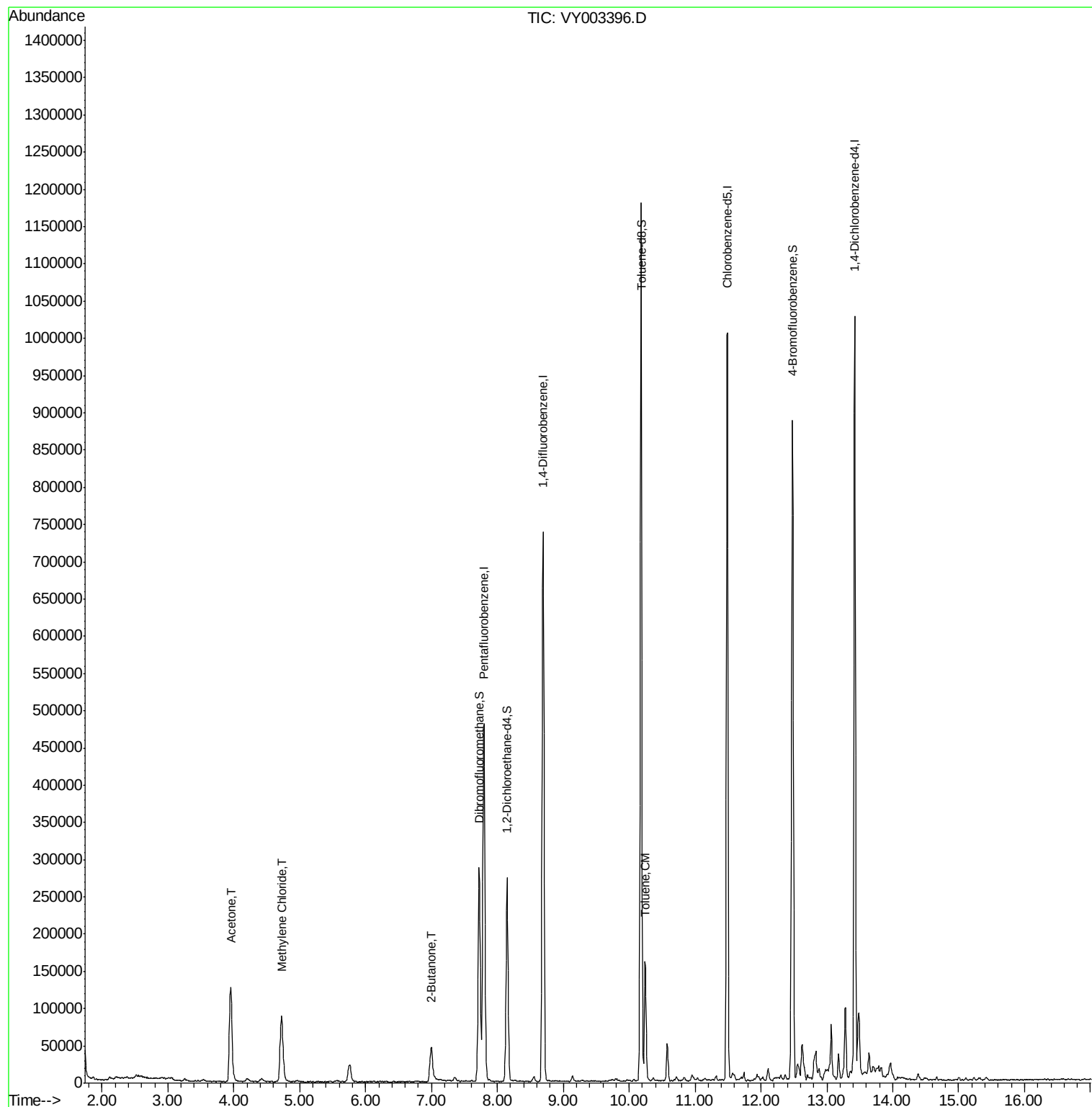
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	403235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	628694	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	565669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	261251	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	210311	54.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.70%	
35) Dibromofluoromethane	7.72	113	198546	53.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.22%	
50) Toluene-d8	10.18	98	764511	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	
62) 4-Bromofluorobenzene	12.48	95	238481	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
Target Compounds						
16) Acetone	3.96	43	223269	235.690	ug/l	96
20) Methylene Chloride	4.72	84	68293	6.632	ug/l	96
25) 2-Butanone	7.00	43	71018	49.195	ug/l	96
52) Toluene	10.24	92	63040	6.089	ug/l	94

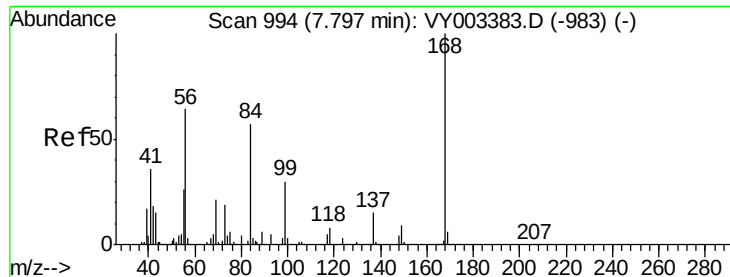
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003396.D

Acq: 31 Jul 2020 17:57

Instrument :

MSVOA_Y

ClientSampleId :

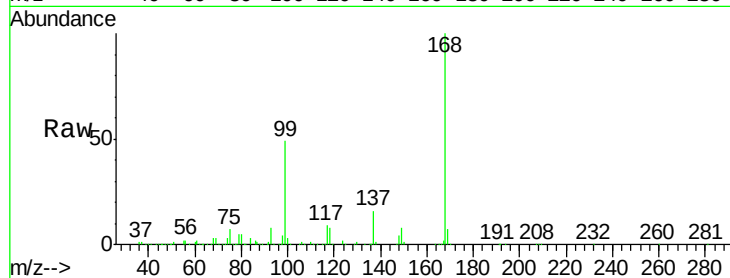
TP-6

Tot Ion:168 Resp: 403235

Ion Ratio Lower Upper

168 100

99 48.8 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

200000

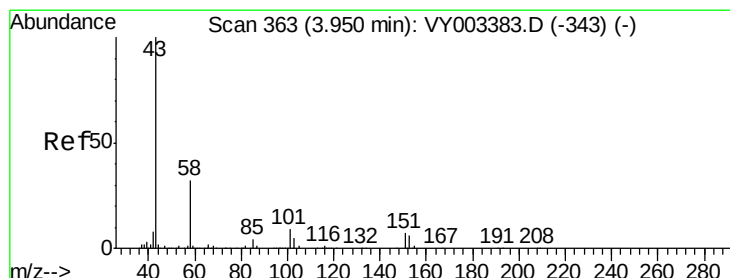
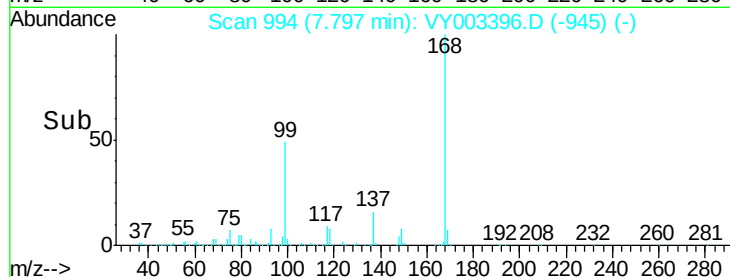
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 235.690 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003396.D

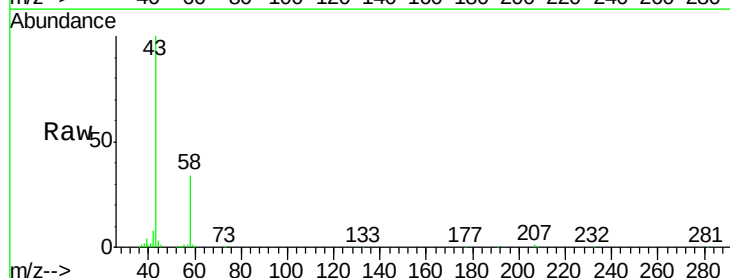
Acq: 31 Jul 2020 17:57

Tgt Ion: 43 Resp: 223269

Ion Ratio Lower Upper

43 100

58 33.8 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.96

80000

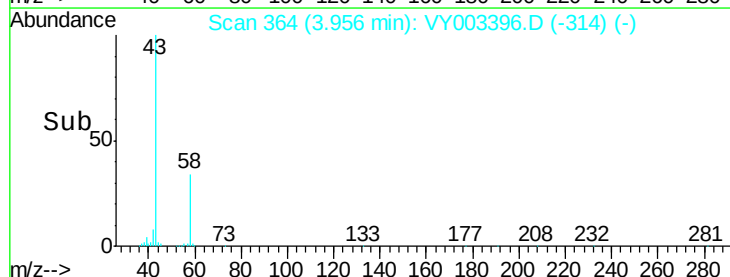
60000

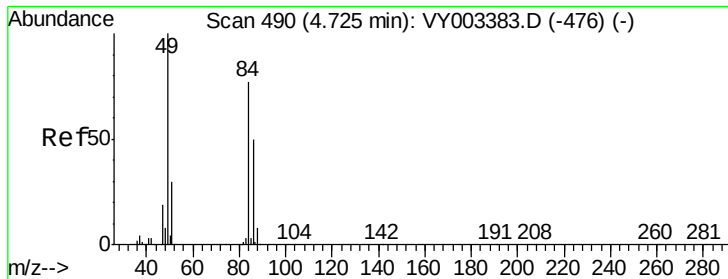
40000

20000

0

Time-->

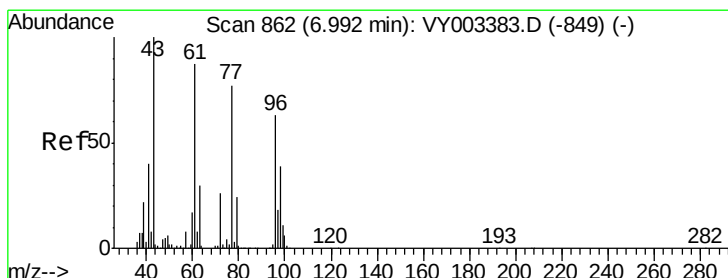
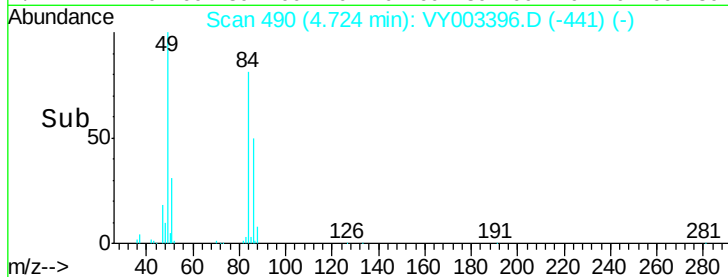
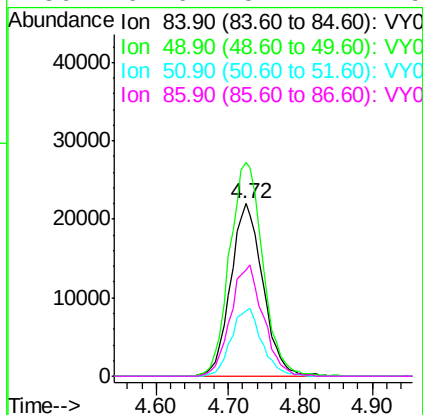
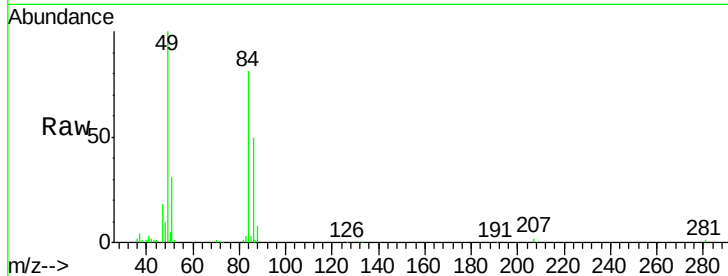




#20
Methylene Chloride
Concen: 6.632 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003396.D
Acq: 31 Jul 2020 17:57

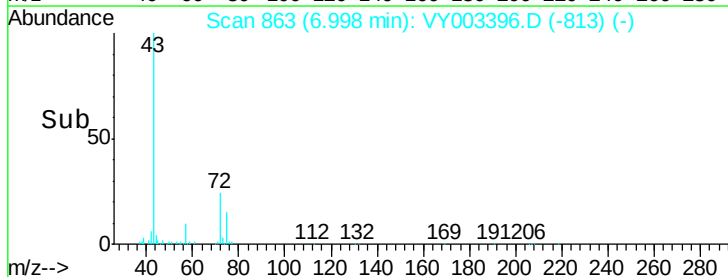
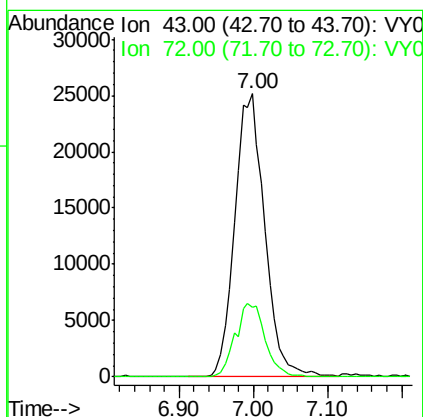
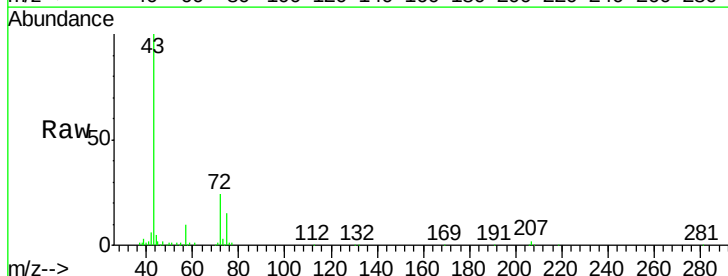
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

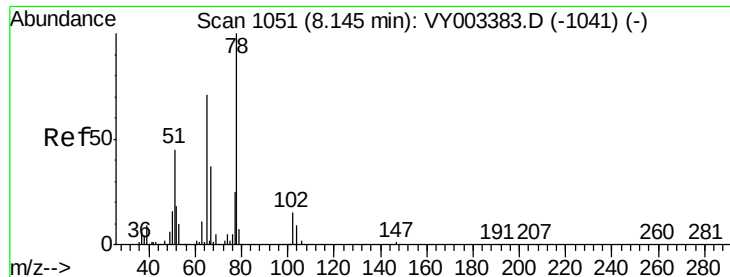
Tot Ion	84	Resp	68293
Ion	Ratio	Lower	Upper
84	100		
49	124.0	104.2	156.4
51	38.1	31.5	47.3
86	61.6	51.7	77.5



#25
2-Butanone
Concen: 49.195 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003396.D
Acq: 31 Jul 2020 17:57

Tgt Ion	43	Resp	71018
Ion	Ratio	Lower	Upper
43	100		
72	24.4	21.1	31.7

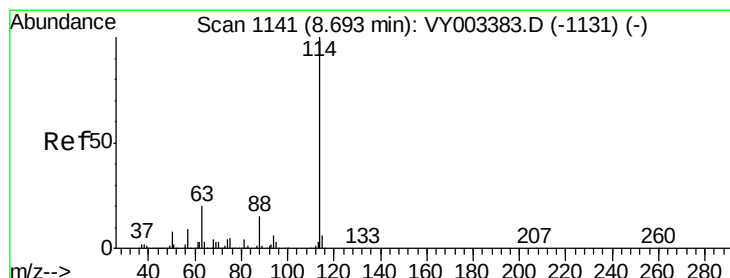
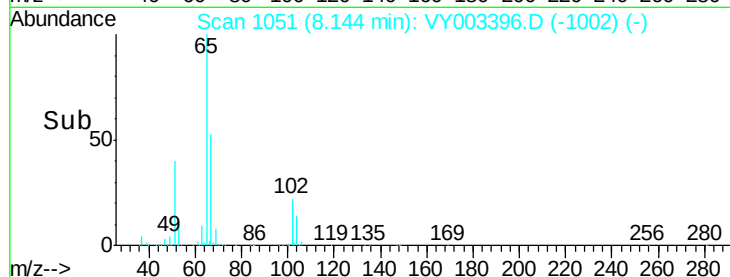
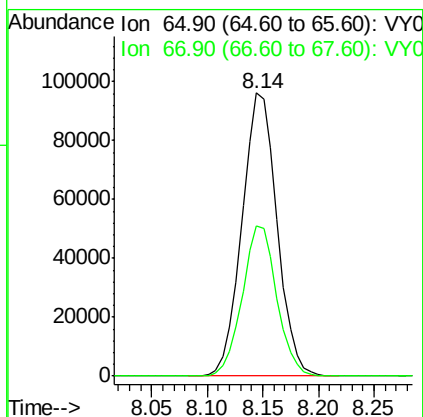
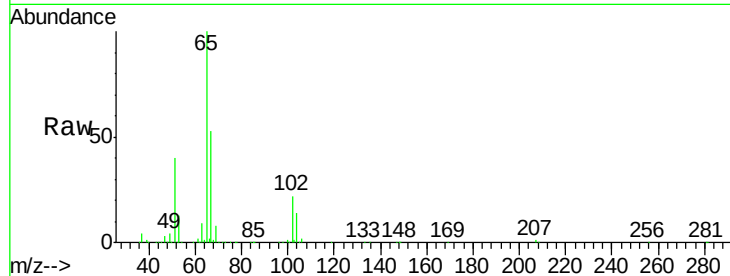




#33
 1,2-Dichloroethane-d4
 Concen: 54.854 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003396.D
 Acq: 31 Jul 2020 17:57

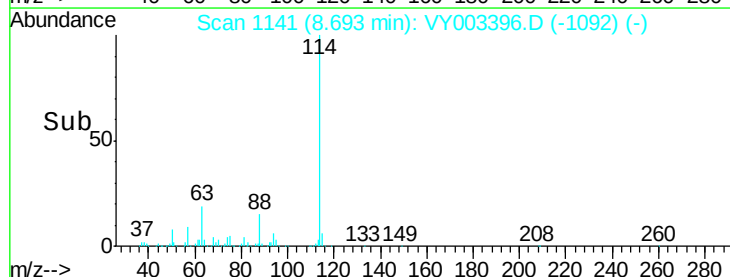
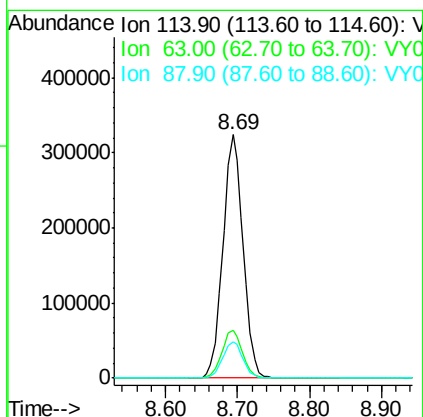
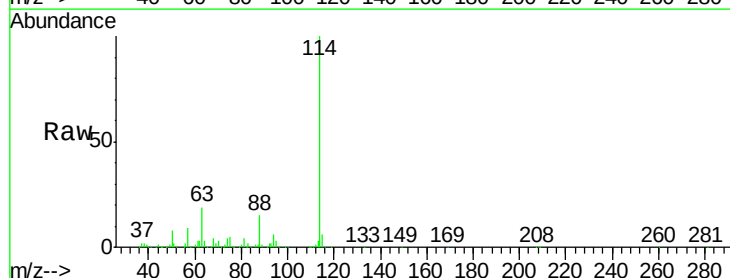
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-6

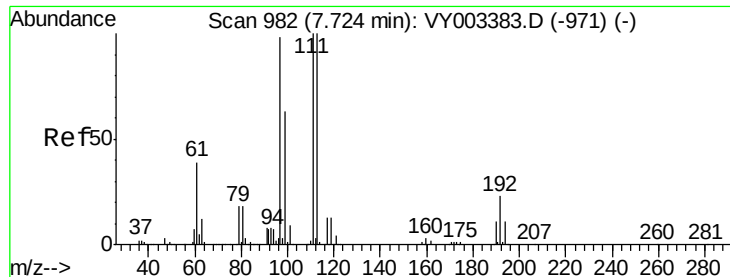
Tot Ion: 65 Resp: 210311
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003396.D
 Acq: 31 Jul 2020 17:57

Tgt Ion: 114 Resp: 628694
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.6
 88 14.7 0.0 29.2





#35

Dibromofluoromethane

Concen: 53.612 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003396.D

Acq: 31 Jul 2020 17:57

Instrument :

MSVOA_Y

ClientSampleId :

TP-6

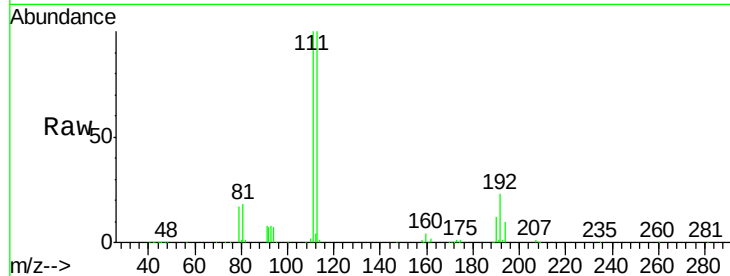
Tot Ion:113 Resp: 198546

Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.4

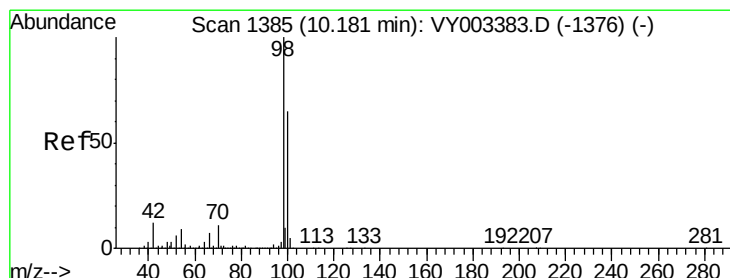
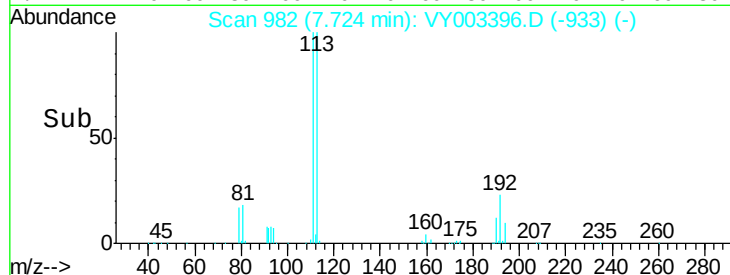
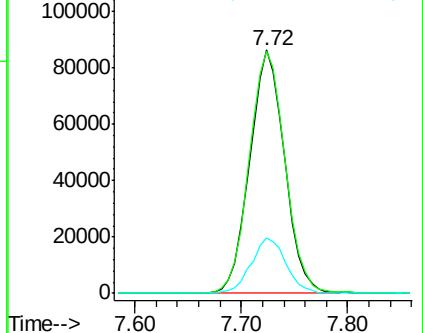
192 22.9 18.8 28.2



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: 52.718 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003396.D

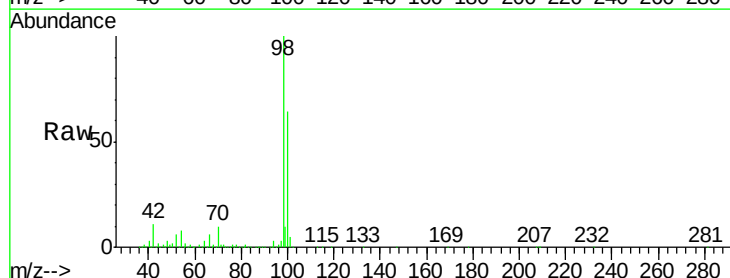
Acq: 31 Jul 2020 17:57

Tgt Ion: 98 Resp: 764511

Ion Ratio Lower Upper

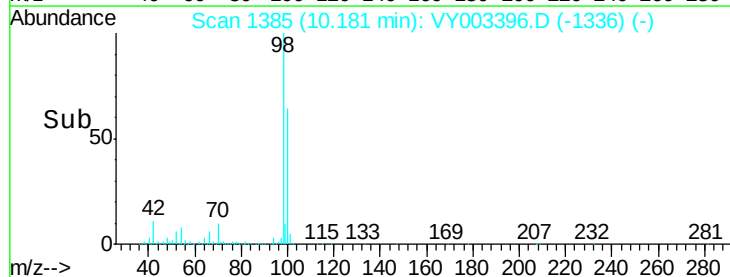
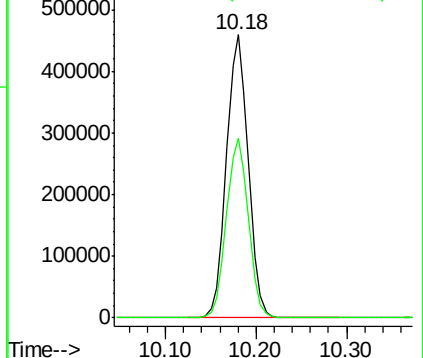
98 100

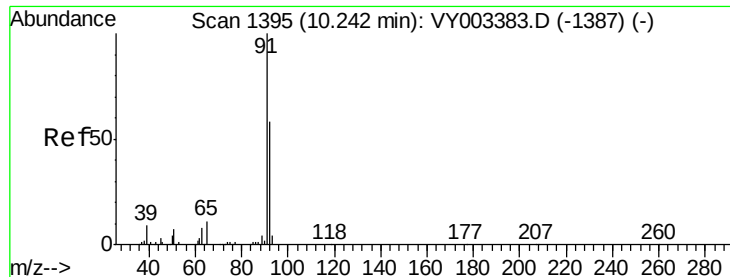
100 64.0 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#52

Toluene

Concen: 6.089 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003396.D

Acq: 31 Jul 2020 17:57

Instrument :

MSVOA_Y

ClientSampled :

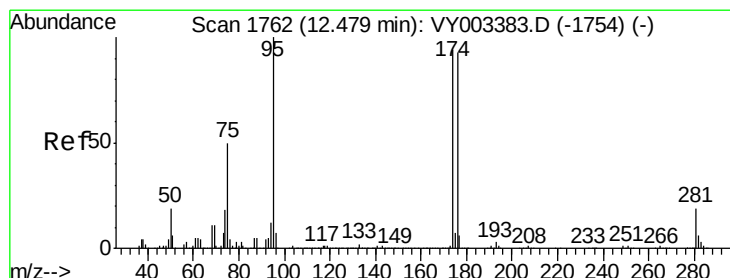
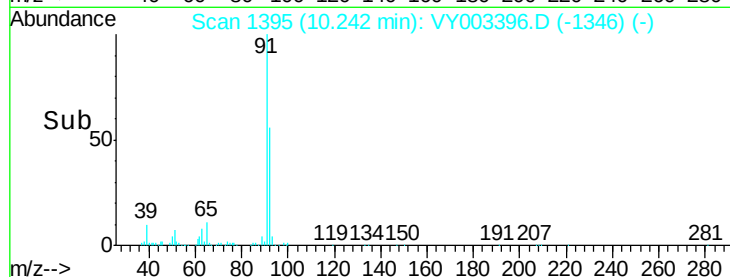
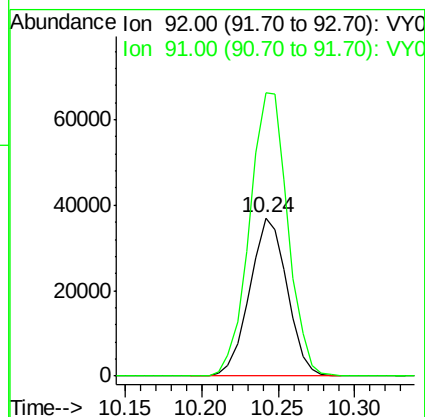
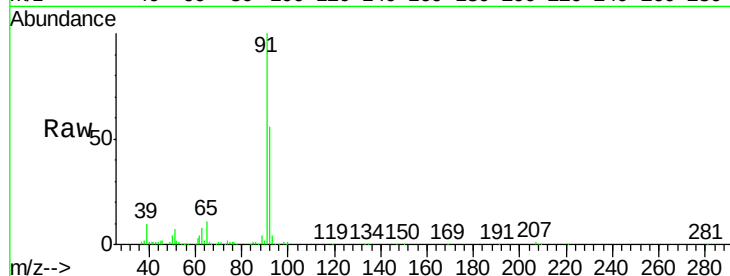
TP-6

Tot Ion: 92 Resp: 63040

Ion Ratio Lower Upper

92 100

91 182.9 139.4 209.0



#62

4-Bromofluorobenzene

Concen: 48.130 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003396.D

Acq: 31 Jul 2020 17:57

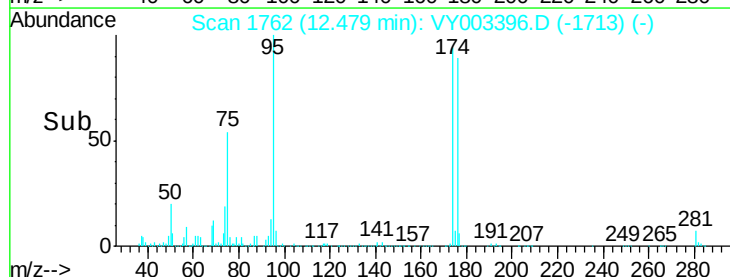
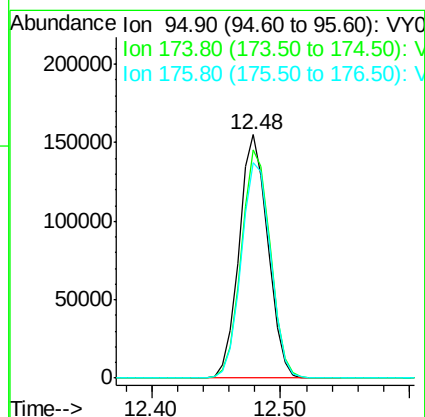
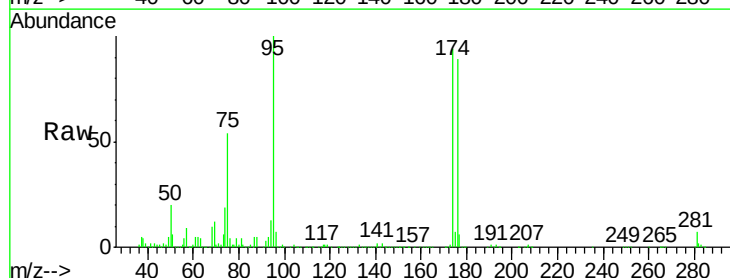
Tgt Ion: 95 Resp: 238481

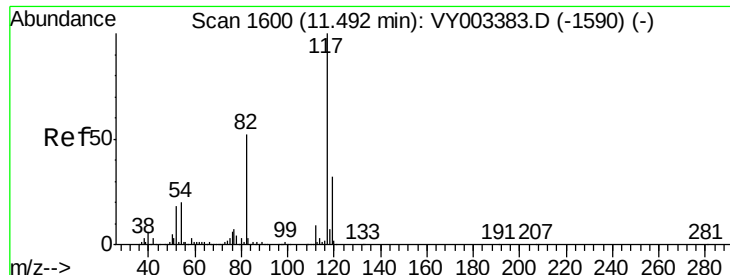
Ion Ratio Lower Upper

95 100

174 94.4 0.0 190.0

176 90.8 0.0 184.4

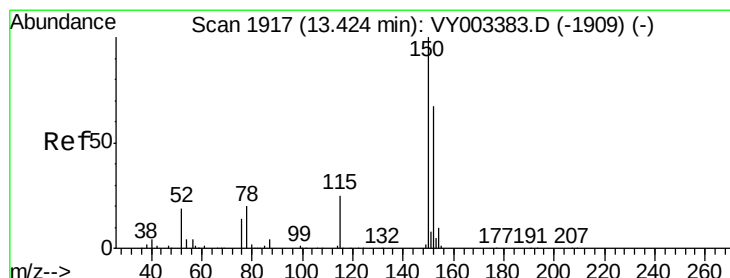
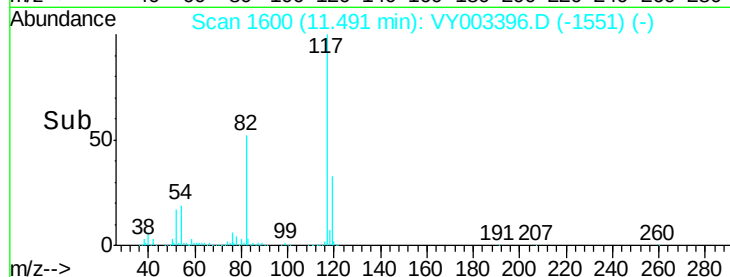
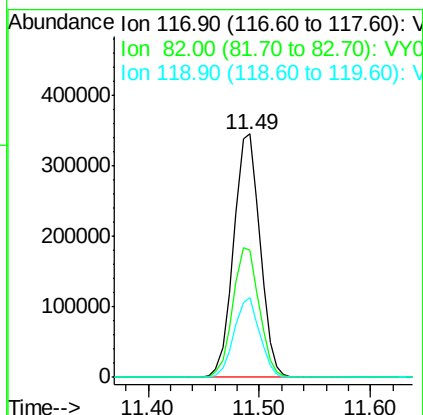
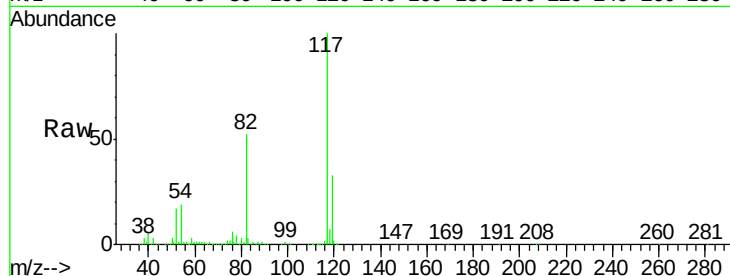




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003396.D
Acq: 31 Jul 2020 17:57

Instrument :
MSVOA_Y
ClientSampleId :
TP-6

Tot Ion:117 Resp: 565669
Ion Ratio Lower Upper
117 100
82 52.4 41.9 62.9
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003396.D
Acq: 31 Jul 2020 17:57

Tgt Ion:152 Resp: 261251
Ion Ratio Lower Upper
152 100
115 54.1 27.2 81.5
150 155.7 0.0 346.8

