

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
 Data File : VY002322.D
 Acq On : 14 Apr 2020 20:17
 Operator : SY/MD
 Sample : L2245-01
 Misc : 5.41G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5

Quant Time: Apr 15 06:52:20 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

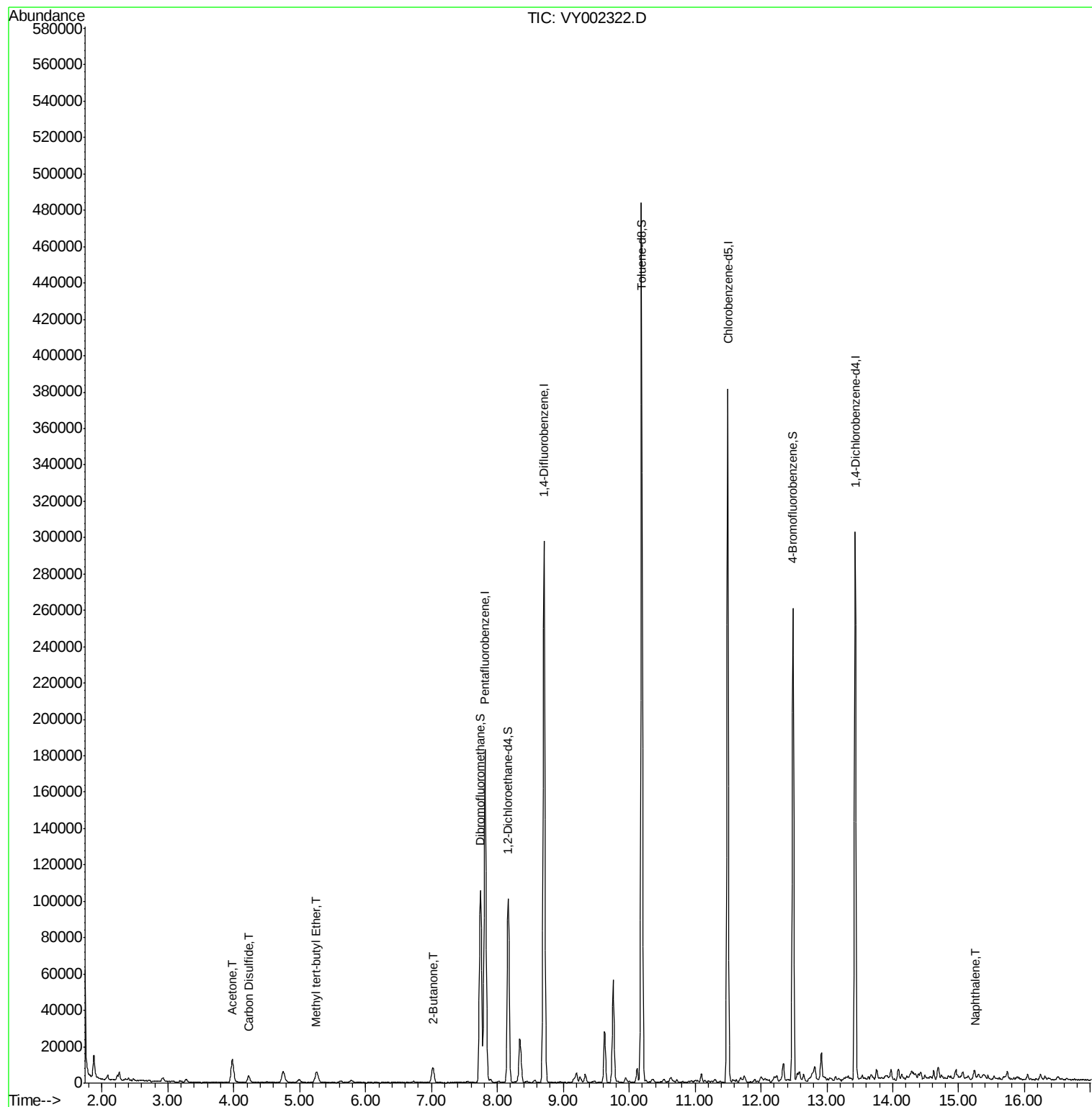
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	134691	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	265368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	218290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	73649	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	73893	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
35) Dibromofluoromethane	7.75	113	76700	48.57	ug/l	0.01
Spiked Amount 50.000			Recovery	=	97.14%	
50) Toluene-d8	10.19	98	321573	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
62) 4-Bromofluorobenzene	12.49	95	84216	38.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.24%	
Target Compounds						
16) Acetone	3.98	43	22636	57.377	ug/l	90
17) Carbon Disulfide	4.22	76	7008	1.297	ug/l	97
19) Methyl tert-butyl Ether	5.25	73	9013	2.108	ug/l	96
25) 2-Butanone	7.03	43	9850	15.777	ug/l	91
95) Naphthalene	15.24	128	4058	1.265	ug/l	99

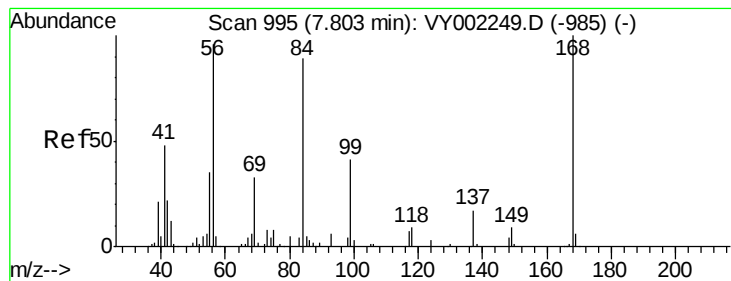
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002322.D

Acq: 14 Apr 2020 20:17

Instrument :

MSVOA_Y

ClientSampled :

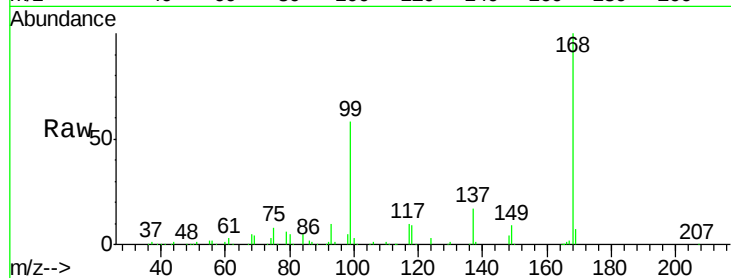
TP-5

Tot Ion:168 Resp: 134691

Ion Ratio Lower Upper

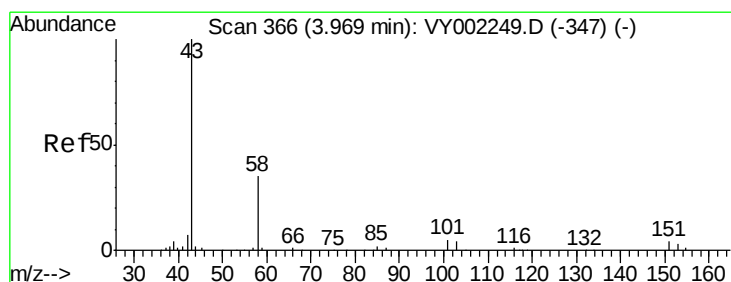
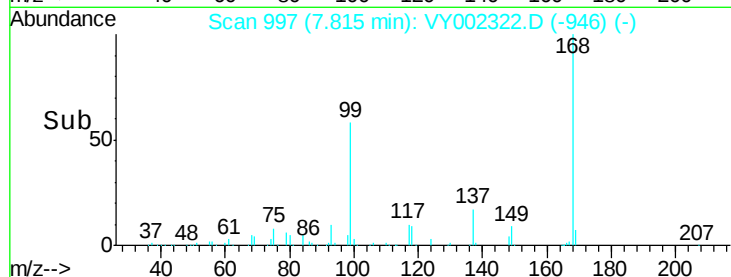
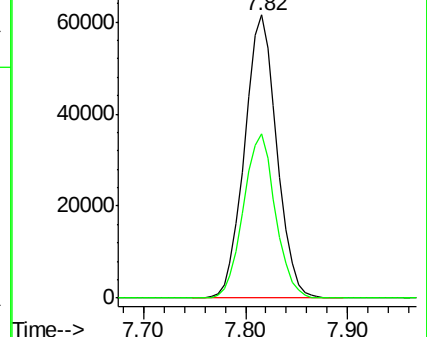
168 100

99 58.1 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: 57.377 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY002322.D

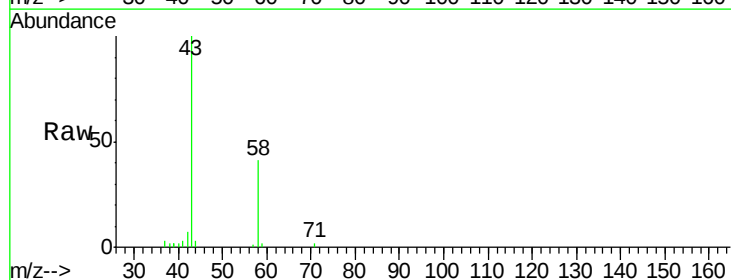
Acq: 14 Apr 2020 20:17

Tgt Ion: 43 Resp: 22636

Ion Ratio Lower Upper

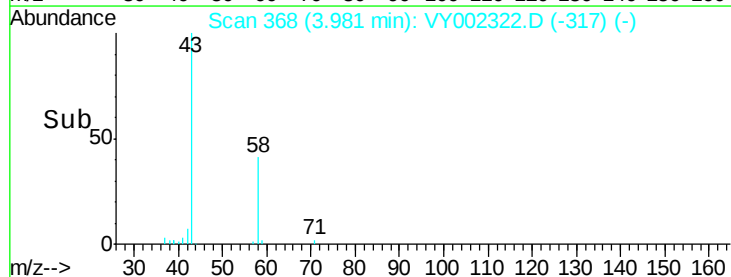
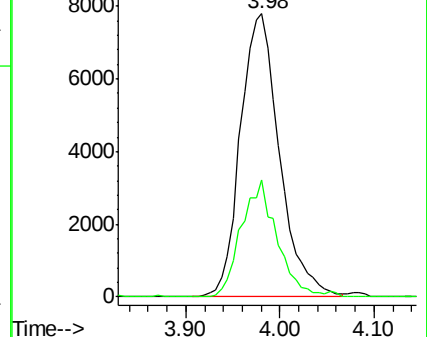
43 100

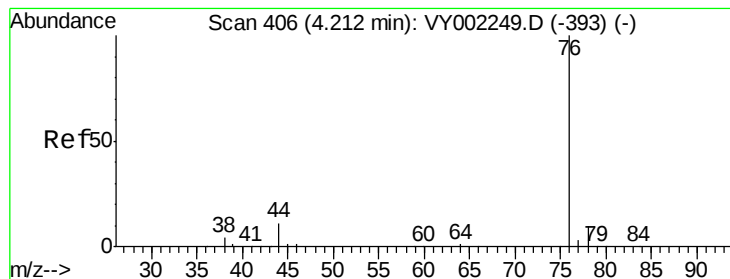
58 41.4 28.5 42.7



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

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





#17

Carbon Disulfide

Concen: 1.297 ug/l

RT: 4.22 min Scan# 408

Delta R.T. 0.01 min

Lab File: VY002322.D

Acq: 14 Apr 2020 20:17

Instrument :

MSVOA_Y

ClientSampleId :

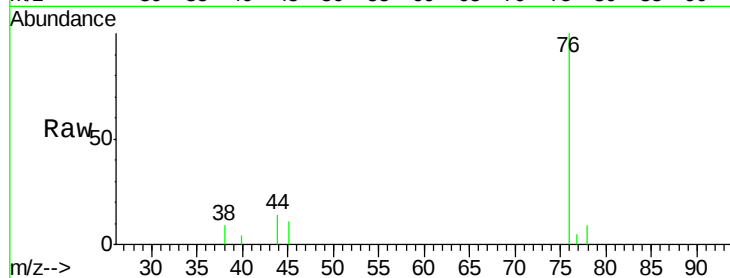
TP-5

Tot Ion: 76 Resp: 7008

Ion Ratio Lower Upper

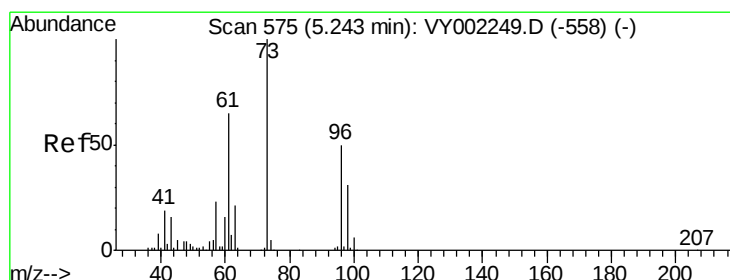
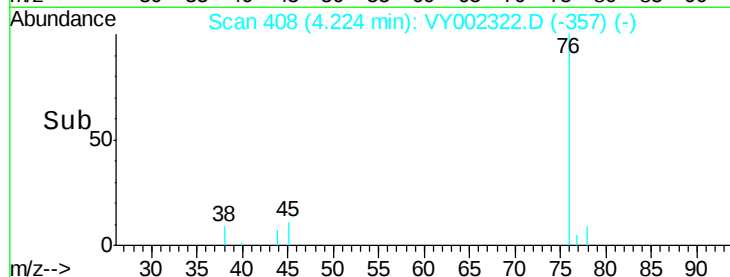
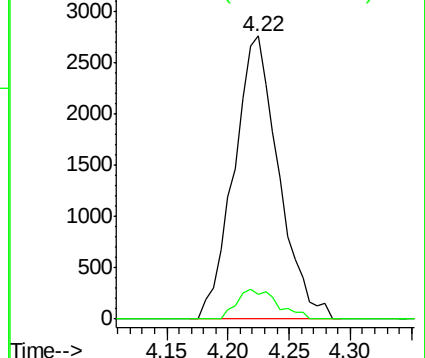
76 100

78 8.7 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#19

Methyl tert-butyl Ether

Concen: 2.108 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.01 min

Lab File: VY002322.D

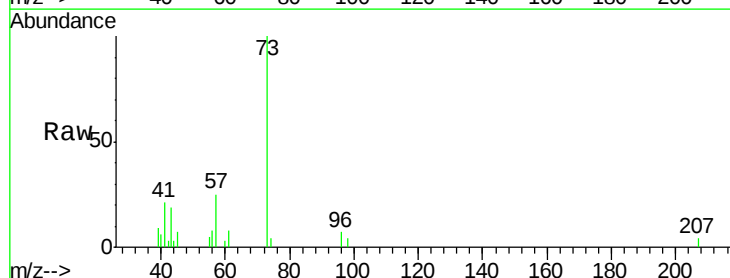
Acq: 14 Apr 2020 20:17

Tgt Ion: 73 Resp: 9013

Ion Ratio Lower Upper

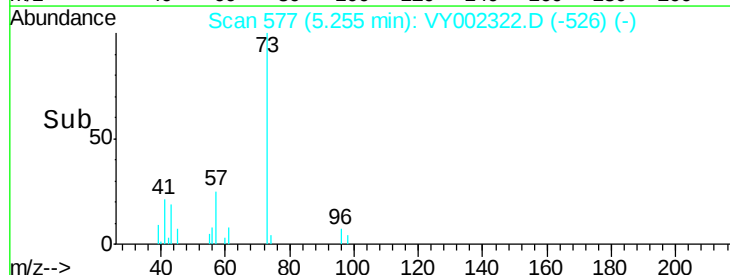
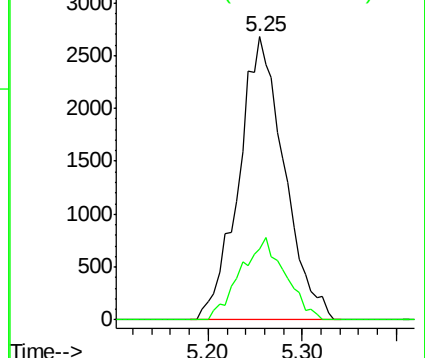
73 100

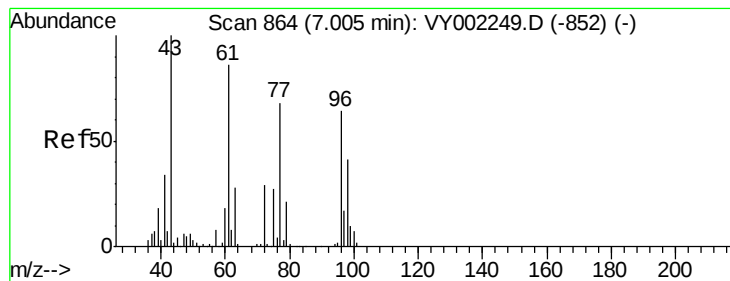
57 25.2 18.7 28.1



Abundance Ion 73.00 (72.70 to 73.70): VY0

Ion 57.00 (56.70 to 57.70): VY0





#25

2-Butanone

Concen: 15.777 ug/l

RT: 7.03 min Scan# 868

Delta R.T. 0.02 min

Lab File: VY002322.D

Acq: 14 Apr 2020 20:17

Instrument :

MSVOA_Y

ClientSampled :

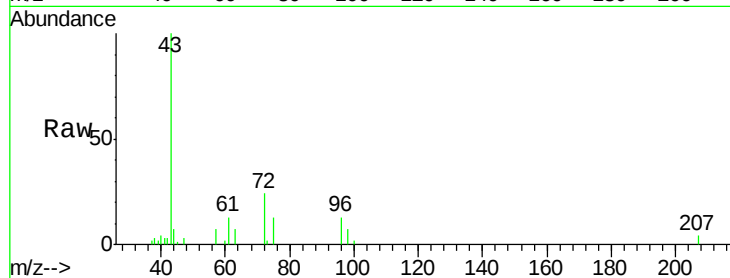
TP-5

Tot Ion: 43 Resp: 9850

Ion Ratio Lower Upper

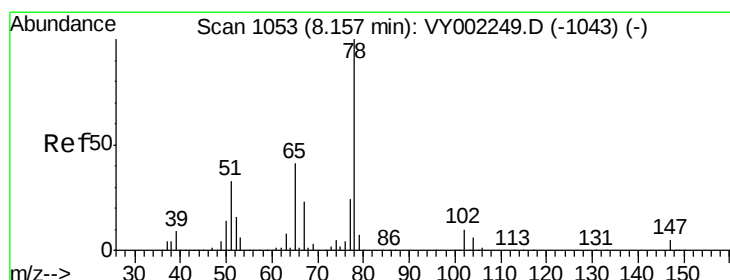
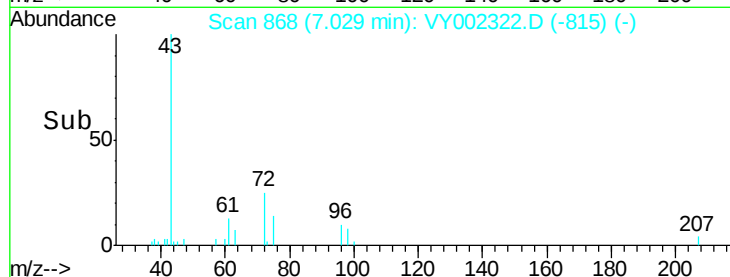
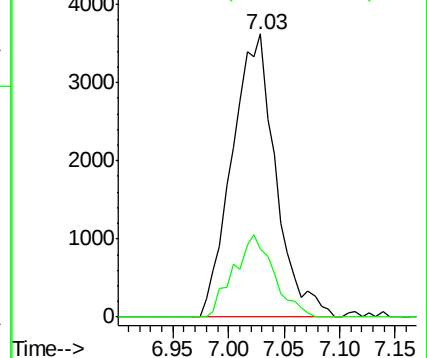
43 100

72 24.3 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 49.332 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002322.D

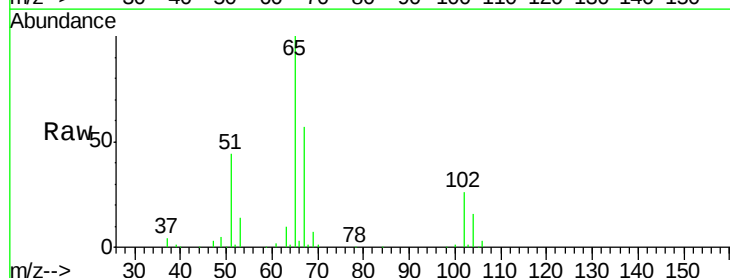
Acq: 14 Apr 2020 20:17

Tgt Ion: 65 Resp: 73893

Ion Ratio Lower Upper

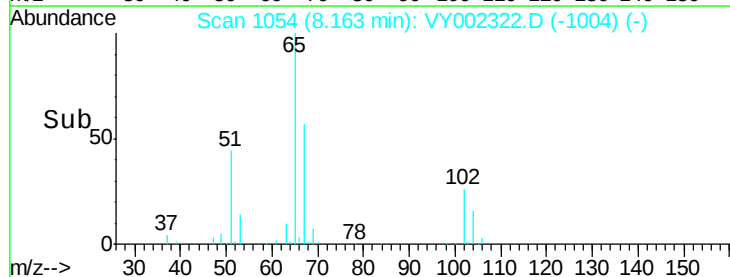
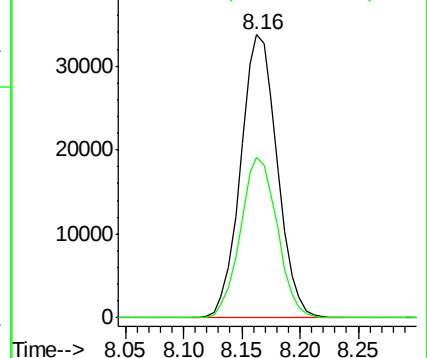
65 100

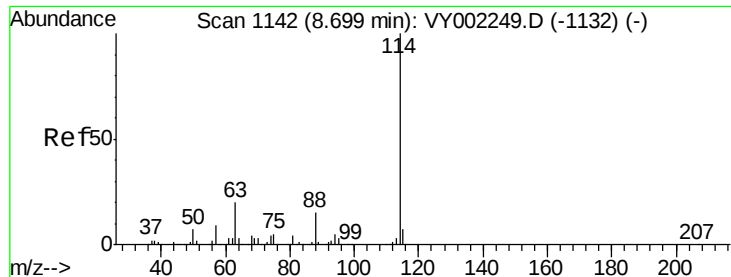
67 57.2 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

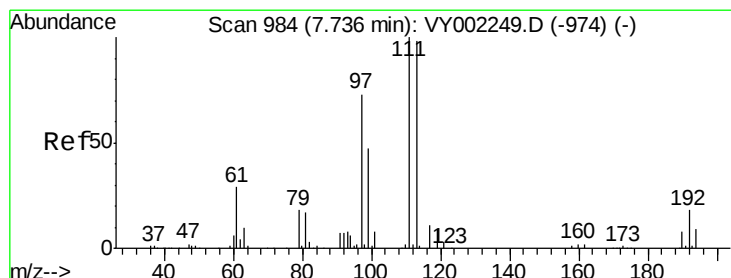
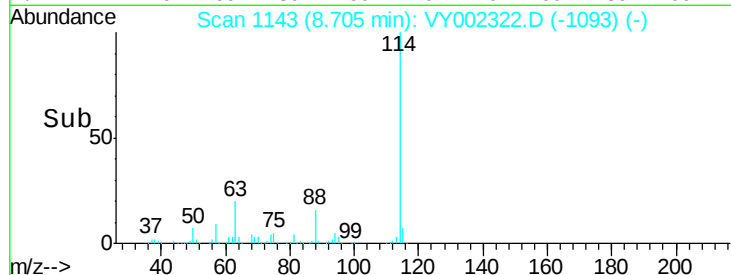
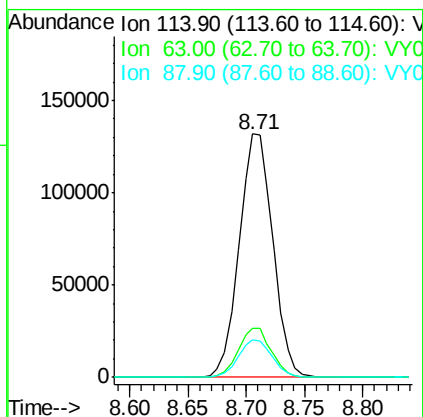
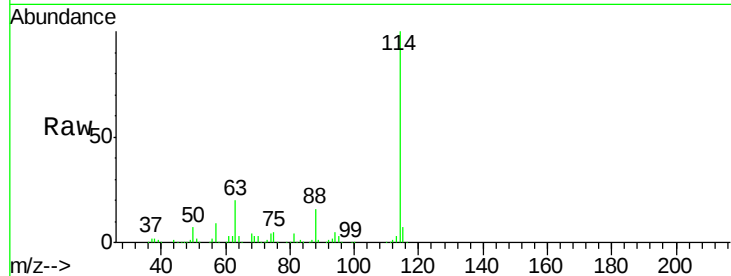




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002322.D
 Acq: 14 Apr 2020 20:17

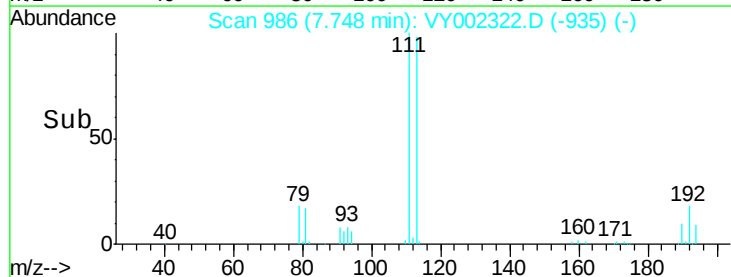
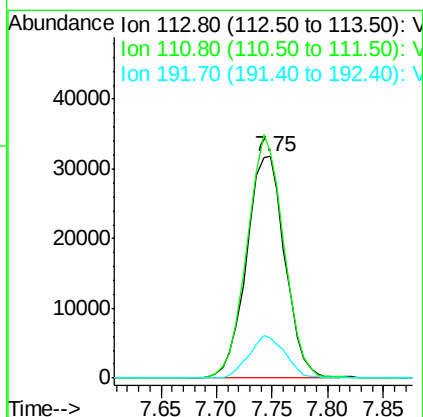
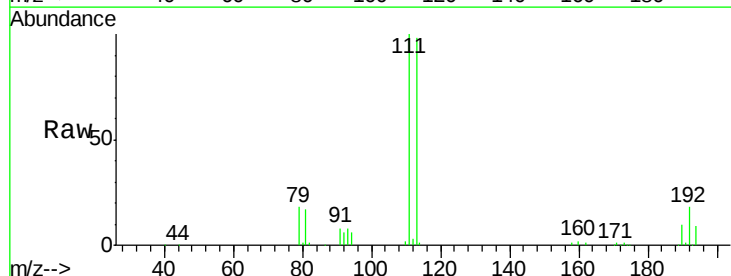
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5

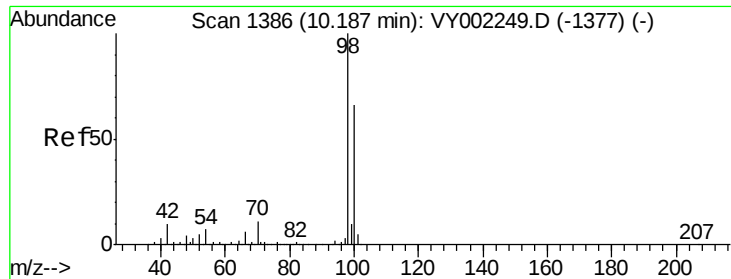
Tot Ion:114	Resp:	265368
Ion Ratio	Lower	Upper
114 100		
63 19.9	0.0	39.0
88 15.6	0.0	31.0



#35
 Dibromofluoromethane
 Concen: 48.574 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002322.D
 Acq: 14 Apr 2020 20:17

Tgt Ion:113	Resp:	76700
Ion Ratio	Lower	Upper
113 100		
111 104.8	83.5	125.3
192 18.2	14.7	22.1





#50

Toluene-d8

Concen: 48.656 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002322.D

Acq: 14 Apr 2020 20:17

Instrument :

MSVOA_Y

ClientSampleId :

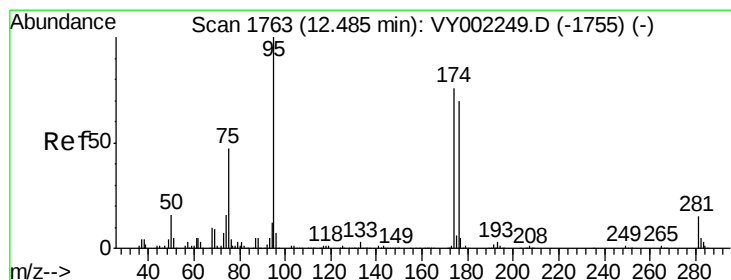
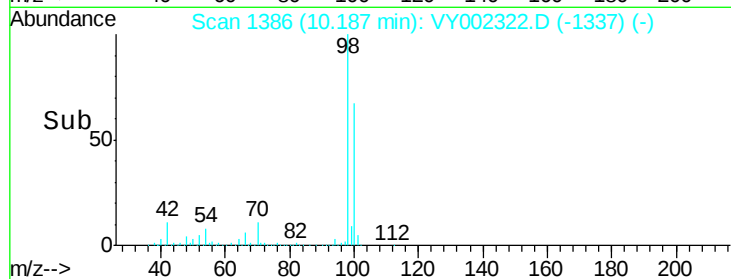
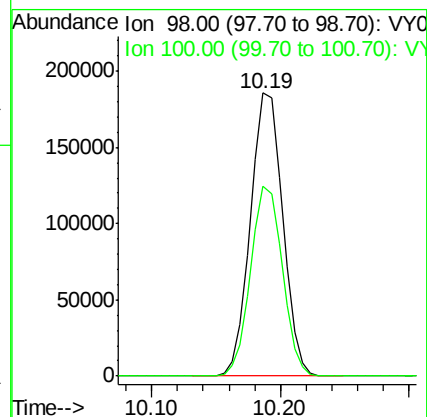
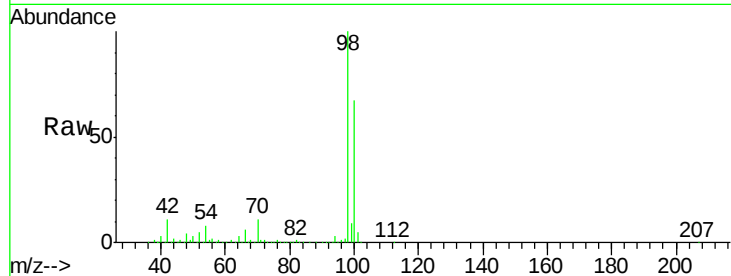
TP-5

Tot Ion: 98 Resp: 321573

Ion Ratio Lower Upper

98 100

100 66.0 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 38.623 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY002322.D

Acq: 14 Apr 2020 20:17

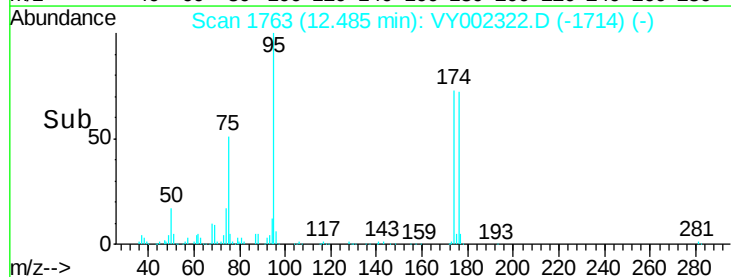
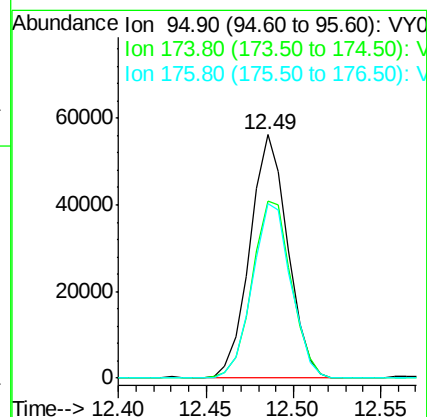
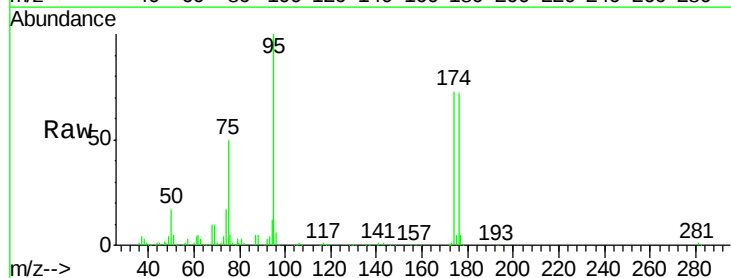
Tgt Ion: 95 Resp: 84216

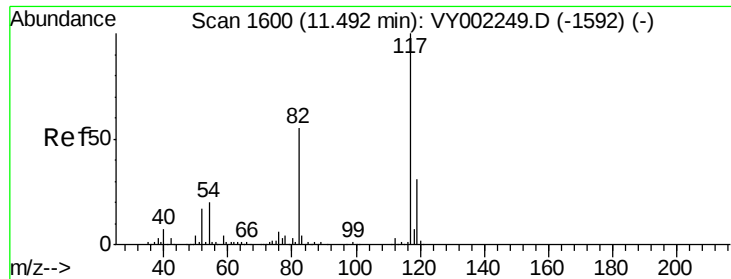
Ion Ratio Lower Upper

95 100

174 75.5 0.0 150.6

176 73.5 0.0 141.4

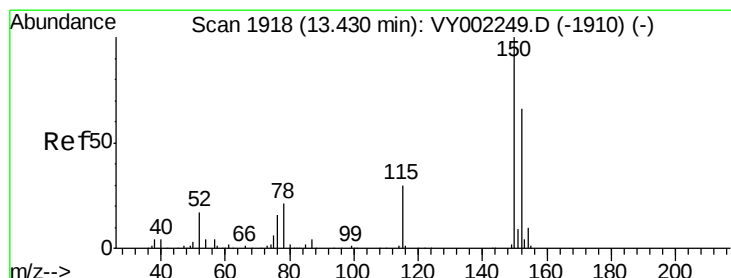
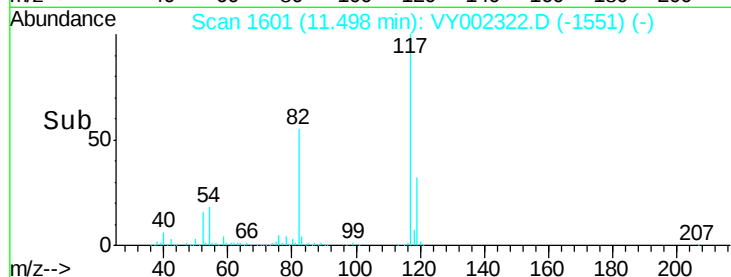
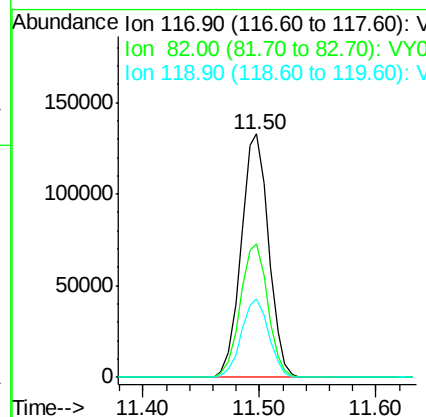
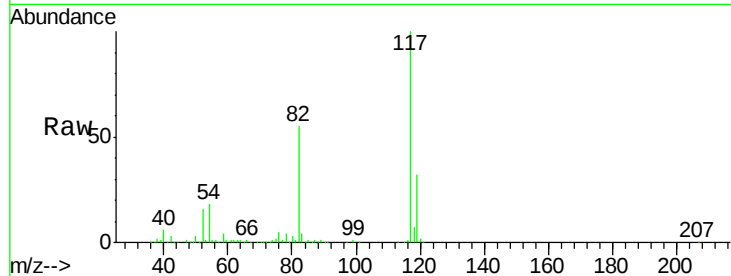




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002322.D
Acq: 14 Apr 2020 20:17

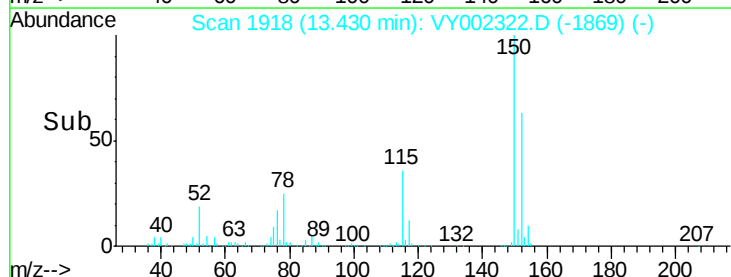
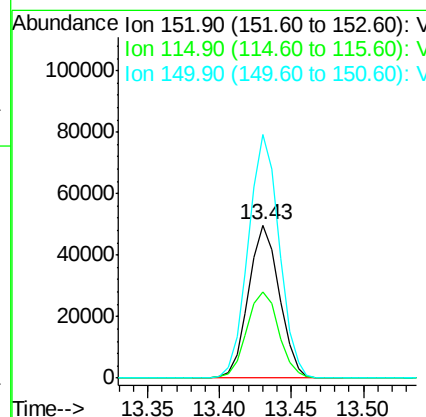
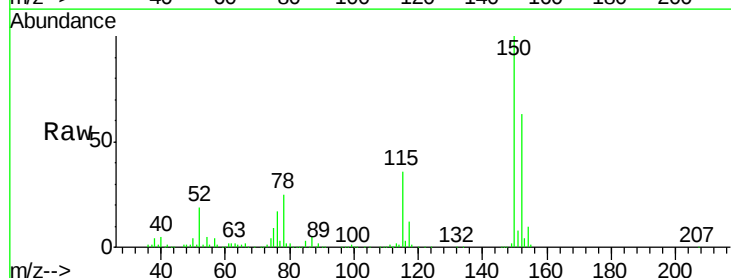
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

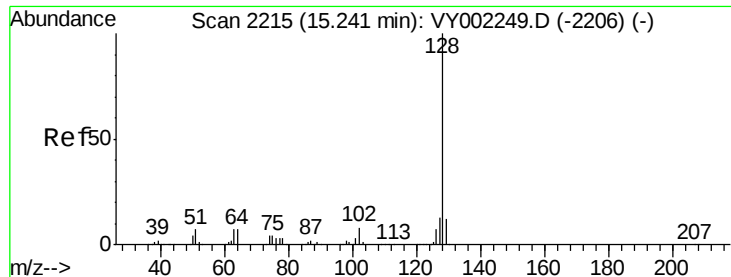
Tot Ion:117 Resp: 218290
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.4
119 32.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002322.D
Acq: 14 Apr 2020 20:17

Tgt Ion:152 Resp: 73649
Ion Ratio Lower Upper
152 100
115 58.7 30.7 92.1
150 159.8 0.0 350.6

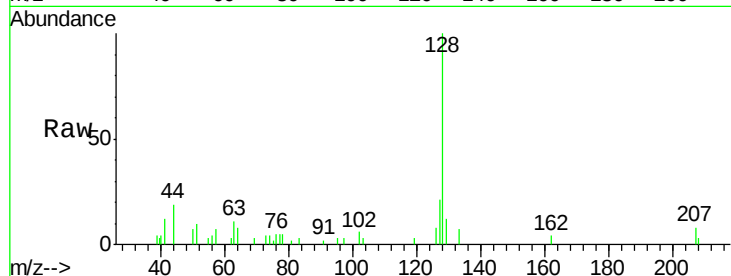




#95
Naphthalene
Concen: 1.265 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.00 min
Lab File: VY002322.D
Acq: 14 Apr 2020 20:17

Instrument :
MSVOA_Y
ClientSampleId :
TP-5

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.1	15.1
129	11.3	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

