

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001386.D
 Acq On : 24 Jan 2020 16:40
 Operator : SY/MD
 Sample : L1242-01
 Misc : 4.99G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20200055-COMPOSITE-1

Quant Time: Jan 25 04:38:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

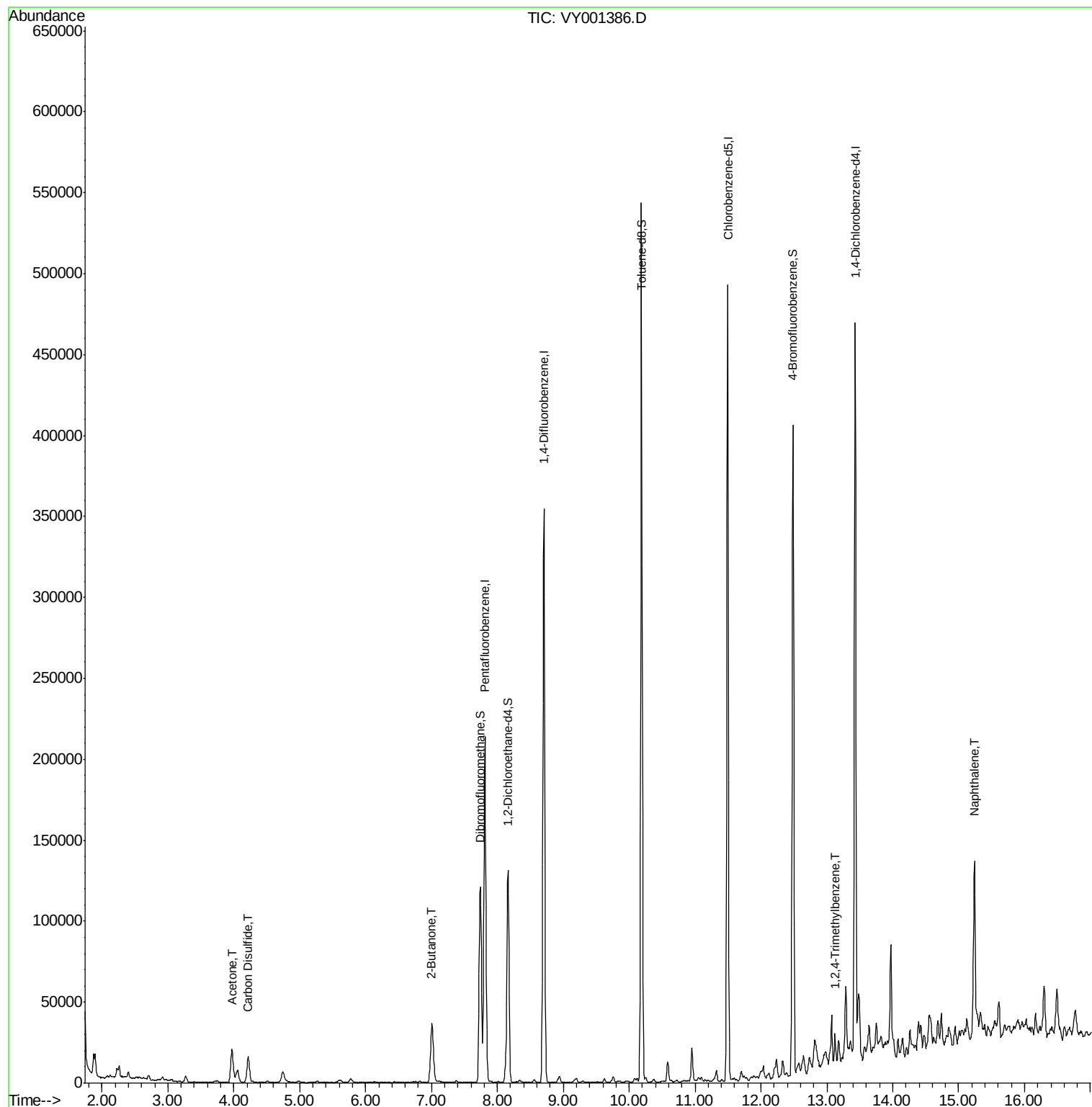
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	161868	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	296486	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	266203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	110324	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	96441	54.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.50%	
35) Dibromofluoromethane	7.74	113	87686	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
50) Toluene-d8	10.19	98	352721	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
62) 4-Bromofluorobenzene	12.49	95	123678	45.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.88%	
Target Compounds						
16) Acetone	3.97	43	36946	74.299	ug/l	98
17) Carbon Disulfide	4.22	76	31204	5.773	ug/l	99
25) 2-Butanone	7.01	43	15872	20.703	ug/l	95
84) 1,2,4-Trimethylbenzene	13.13	105	9933	1.362	ug/l	98
95) Naphthalene	15.24	128	78831	14.999	ug/l	98

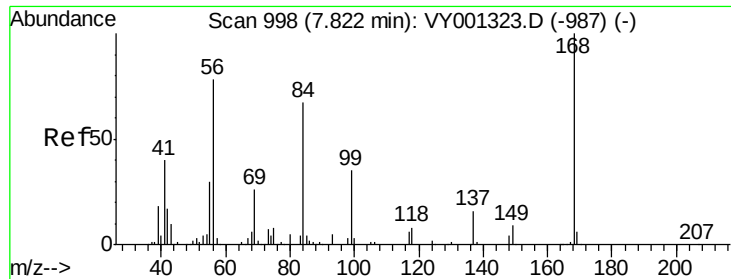
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001386.D

Acq: 24 Jan 2020 16:40

Instrument :

MSVOA_Y

ClientSampleId :

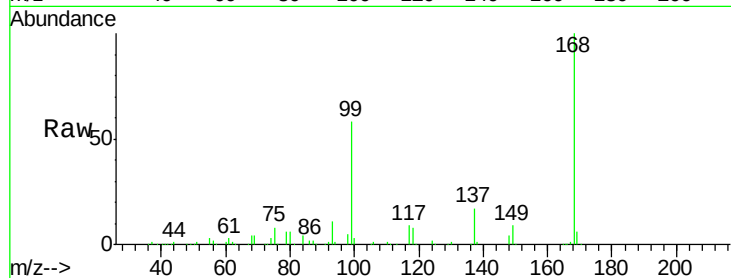
20200055-COMPOSITE-1

Tot Ion:168 Resp: 161868

Ion Ratio Lower Upper

168 100

99 57.6 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

7.81

80000

60000

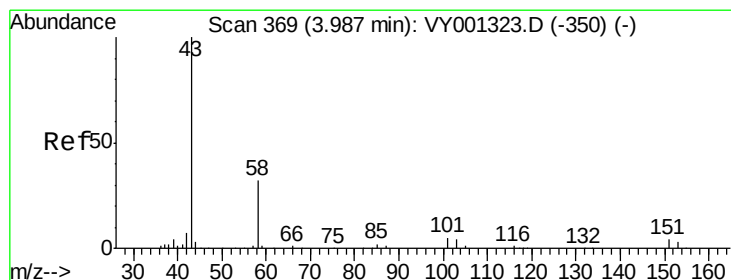
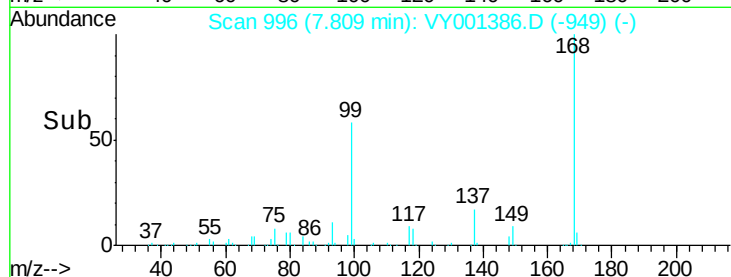
40000

20000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 74.299 ug/l

RT: 3.97 min Scan# 367

Delta R.T. -0.01 min

Lab File: VY001386.D

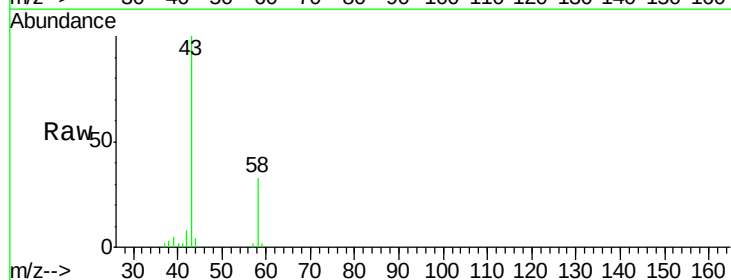
Acq: 24 Jan 2020 16:40

Tgt Ion: 43 Resp: 36946

Ion Ratio Lower Upper

43 100

58 32.7 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VY001323.D (-350) (-)

Ion 58.00 (57.70 to 58.70): VY001323.D (-350) (-)

15000

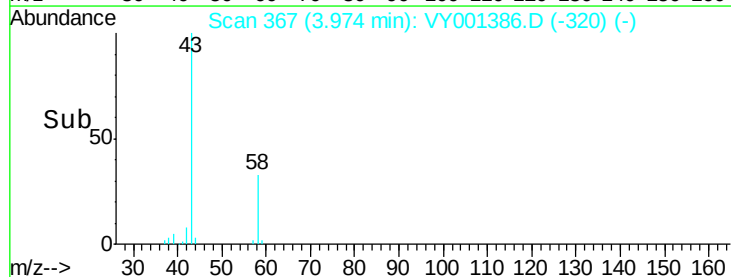
10000

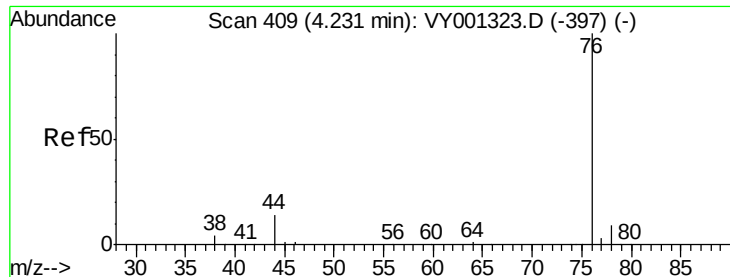
5000

0

3.90 4.00 4.10

Time-->





#17

Carbon Disulfide

Concen: 5.773 ug/l

RT: 4.22 min Scan# 407

Delta R.T. -0.01 min

Lab File: VY001386.D

Acq: 24 Jan 2020 16:40

Instrument :

MSVOA_Y

ClientSampleId :

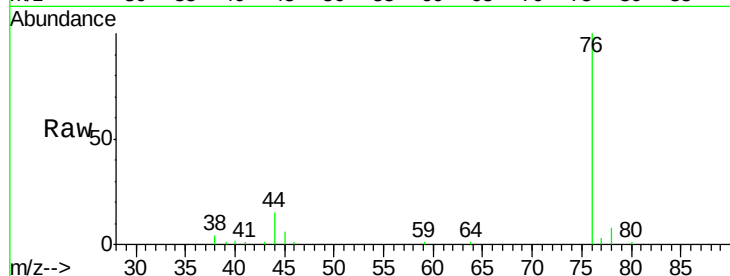
20200055-COMPOSITE-1

Tot Ion: 76 Resp: 31204

Ion Ratio Lower Upper

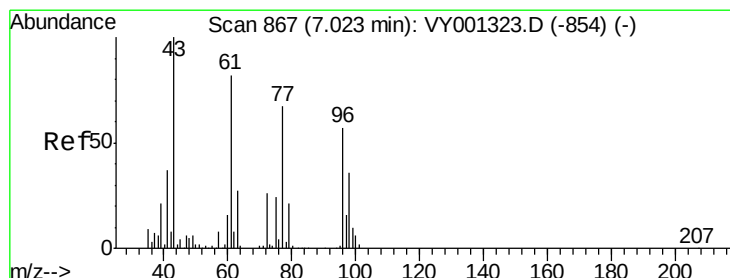
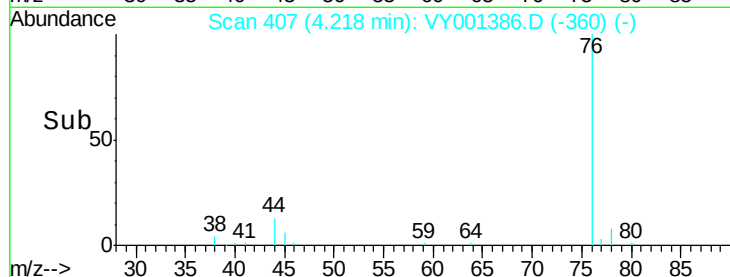
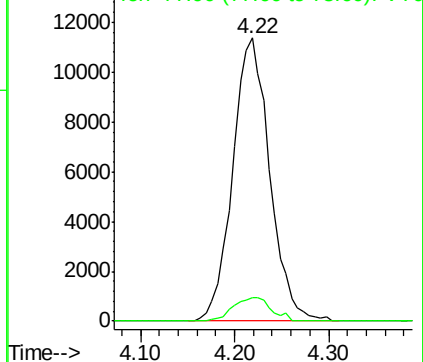
76 100

78 8.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#25

2-Butanone

Concen: 20.703 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001386.D

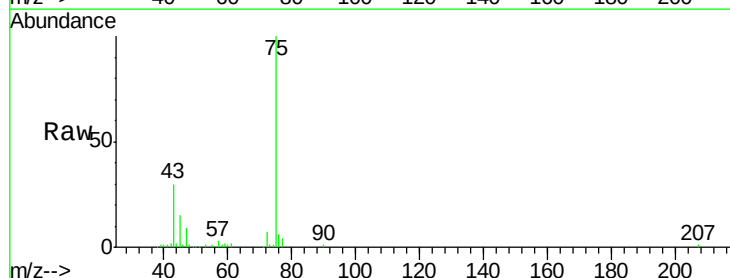
Acq: 24 Jan 2020 16:40

Tgt Ion: 43 Resp: 15872

Ion Ratio Lower Upper

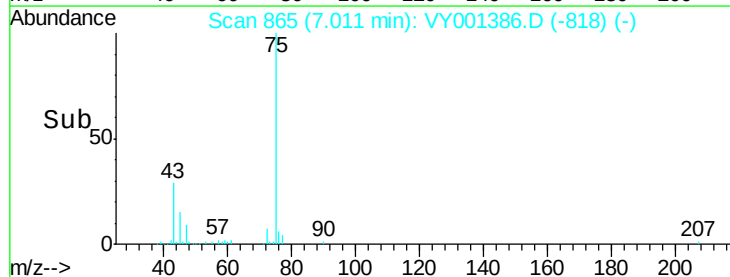
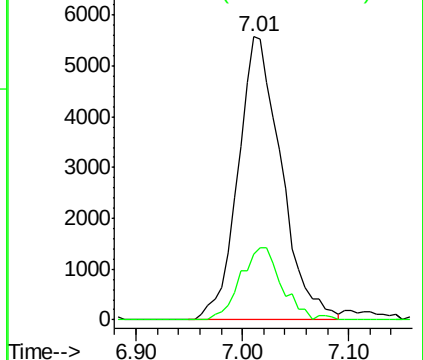
43 100

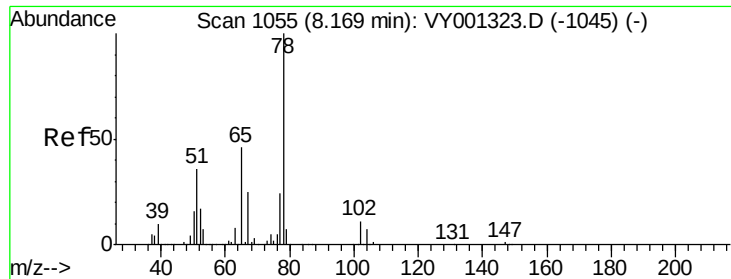
72 23.1 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

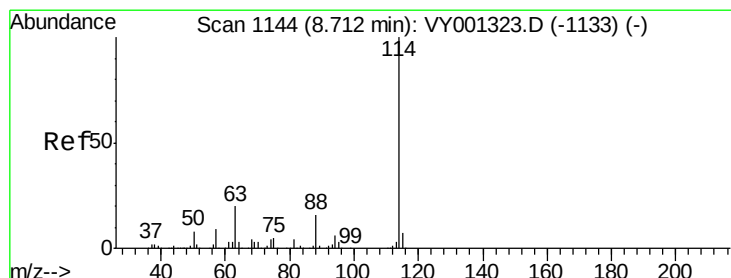
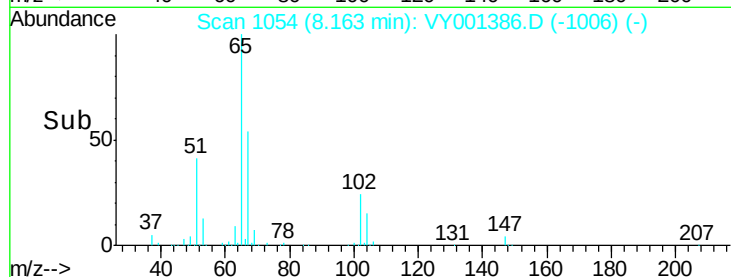
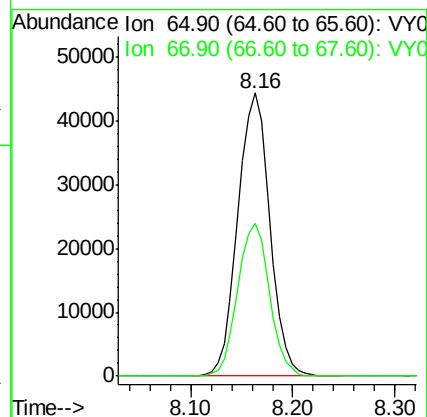
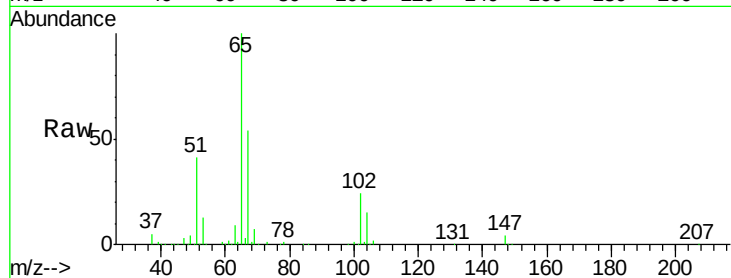




#33
 1,2-Dichloroethane-d4
 Concen: 54.754 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001386.D
 Acq: 24 Jan 2020 16:40

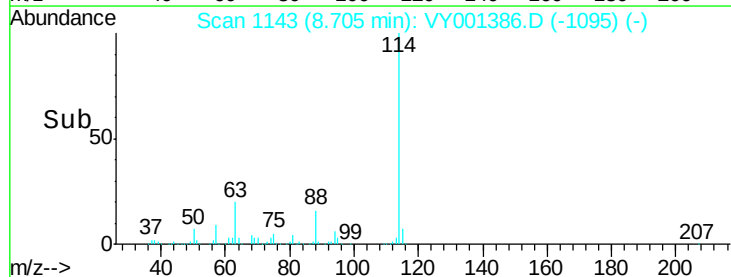
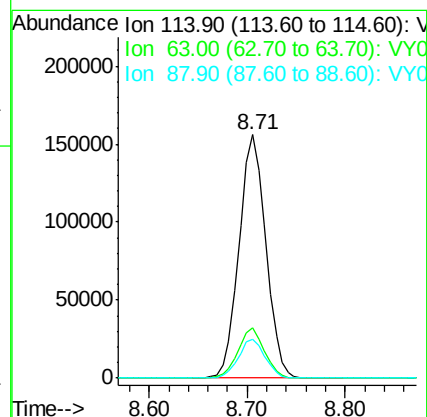
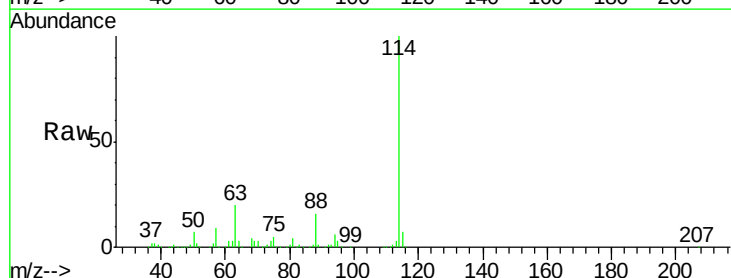
Instrument :
 MSVOA_Y
 ClientSampleId :
 20200055-COMPOSITE-1

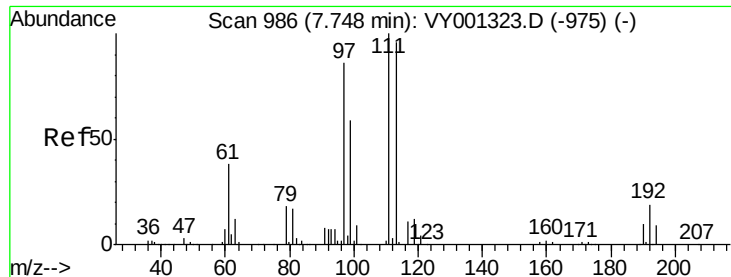
Tot Ion: 65 Resp: 96441
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001386.D
 Acq: 24 Jan 2020 16:40

Tgt Ion: 114 Resp: 296486
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 16.1 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.391 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001386.D

Acq: 24 Jan 2020 16:40

Instrument :

MSVOA_Y

ClientSampleId :

20200055-COMPOSITE-1

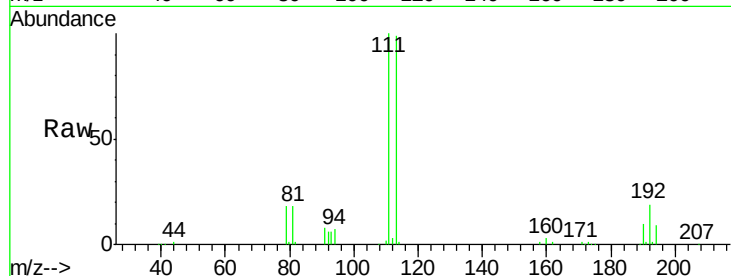
Tot Ion:113 Resp: 87686

Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

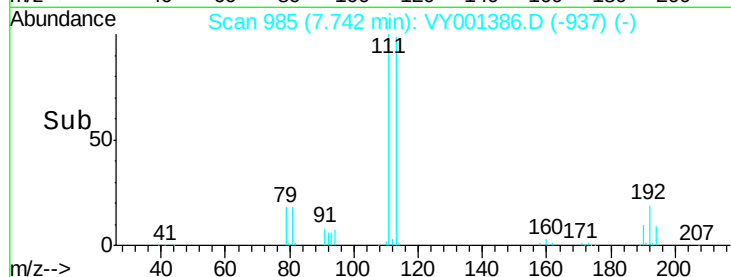
192 19.2 15.5 23.3



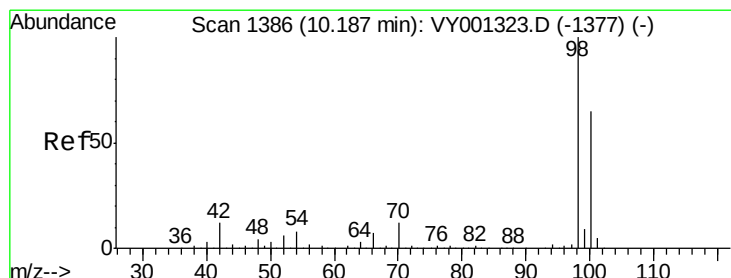
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->



#50

Toluene-d8

Concen: 52.172 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY001386.D

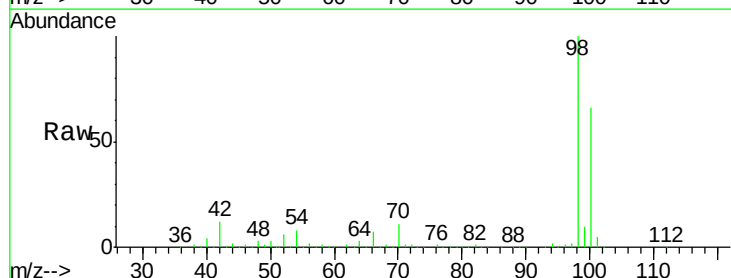
Acq: 24 Jan 2020 16:40

Tgt Ion: 98 Resp: 352721

Ion Ratio Lower Upper

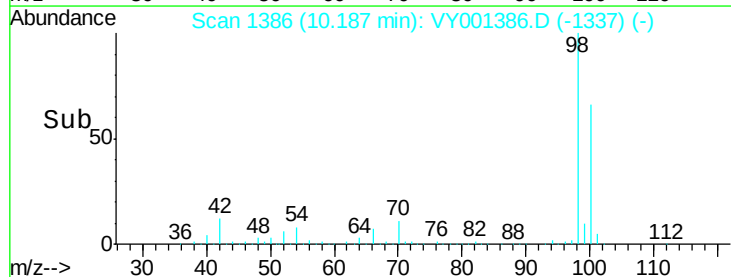
98 100

100 65.6 52.6 79.0

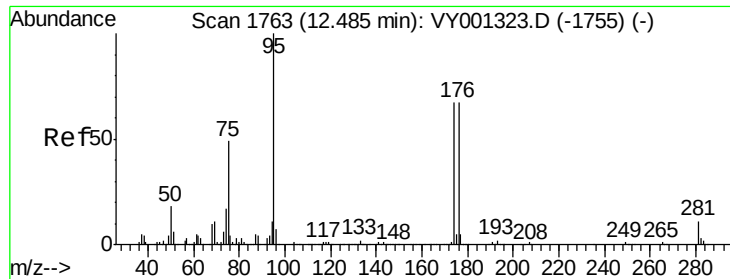


Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



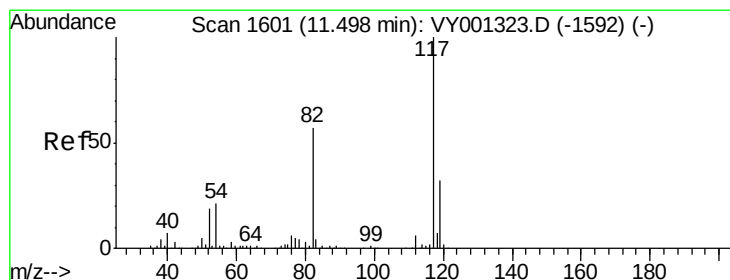
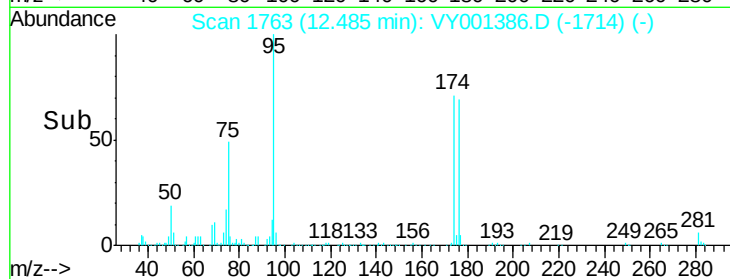
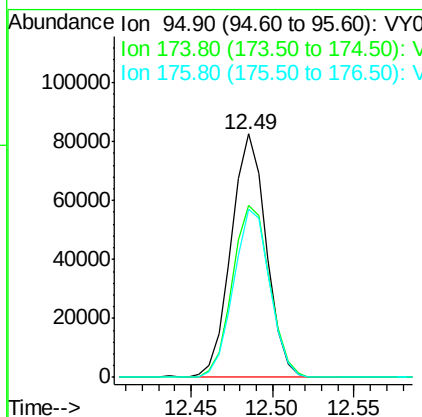
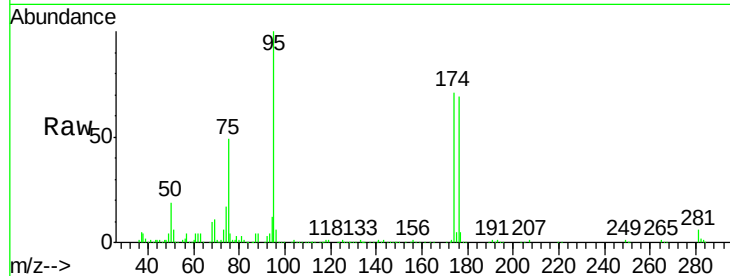
Time-->



#62
 4-Bromofluorobenzene
 Concen: 45.937 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY001386.D
 Acq: 24 Jan 2020 16:40

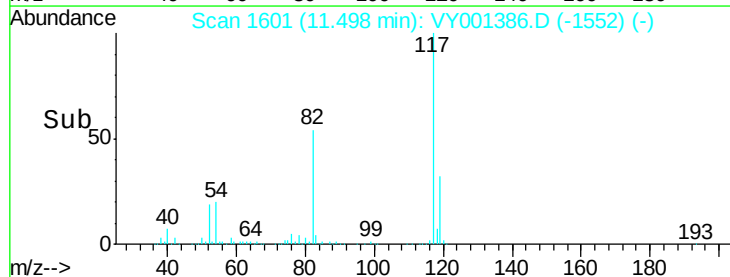
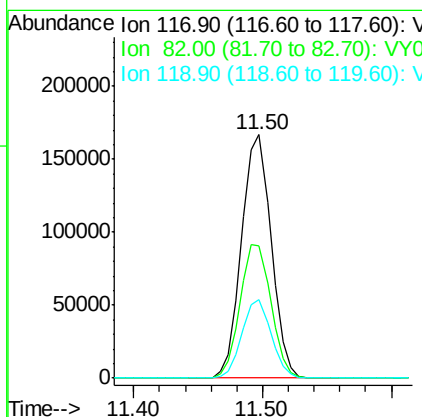
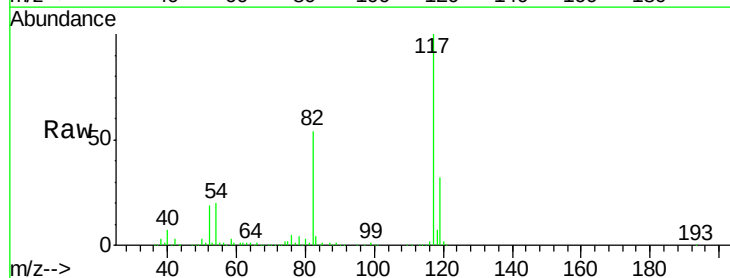
Instrument :
 MSVOA_Y
 ClientSampleId :
 20200055-COMPOSITE-1

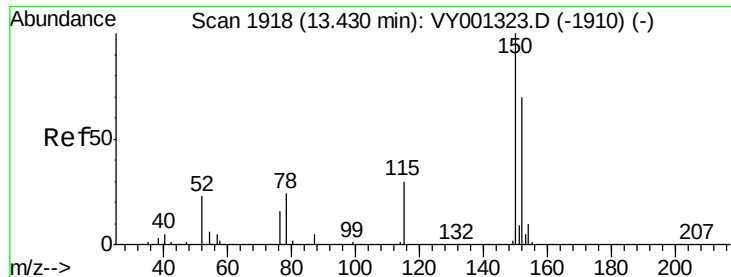
Tot Ion	95	Resp	123678
Ion Ratio	Lower	Upper	
95	100		
174	75.1	0.0	142.0
176	71.5	0.0	138.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: VY001386.D
 Acq: 24 Jan 2020 16:40

Tgt Ion	117	Resp	266203
Ion Ratio	Lower	Upper	
117	100		
82	54.3	45.5	68.3
119	32.0	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY001386.D

Acq: 24 Jan 2020 16:40

Instrument :

MSVOA_Y

ClientSampleId :

20200055-COMPOSITE-1

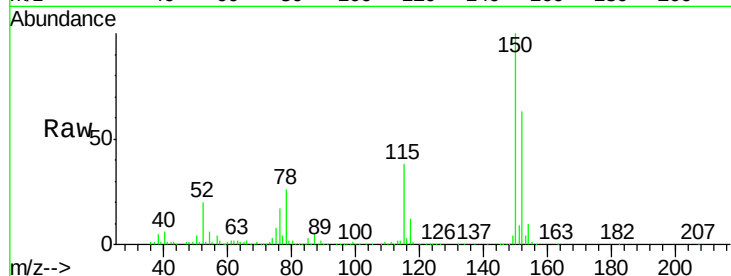
Tot Ion:152 Resp: 110324

Ion Ratio Lower Upper

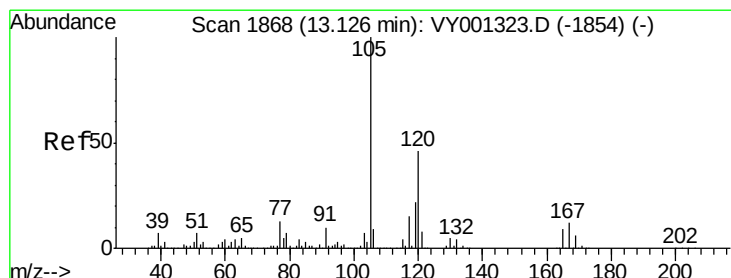
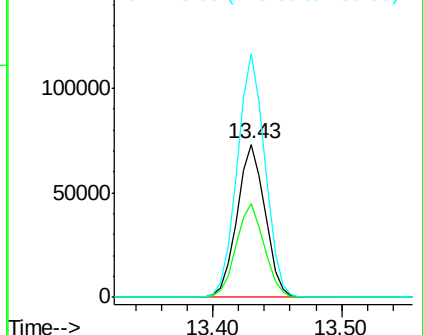
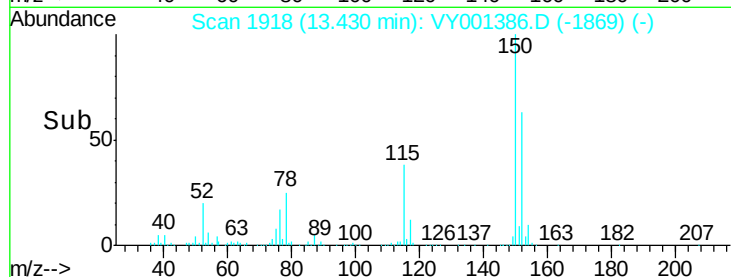
152 100

115 61.4 30.9 92.8

150 157.6 0.0 349.2



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



#84

1,2,4-Trimethylbenzene

Concen: 1.362 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VY001386.D

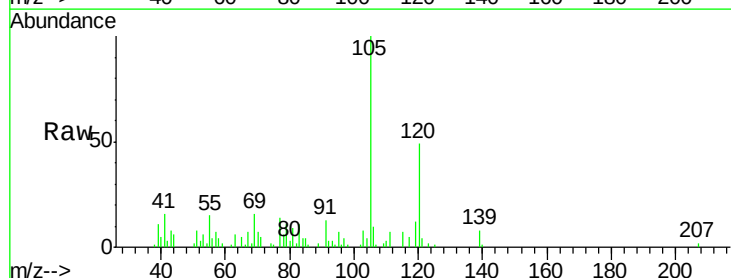
Acq: 24 Jan 2020 16:40

Tgt Ion:105 Resp: 9933

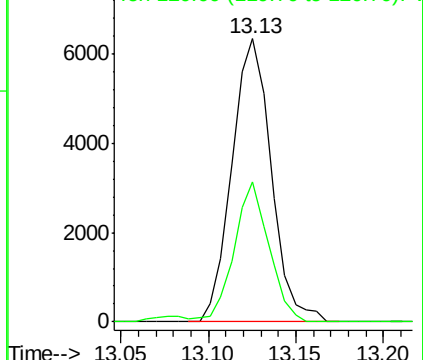
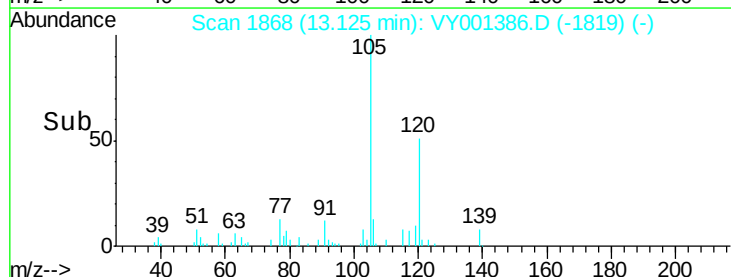
Ion Ratio Lower Upper

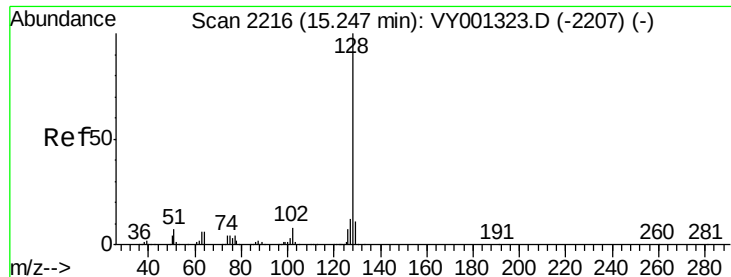
105 100

120 43.7 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

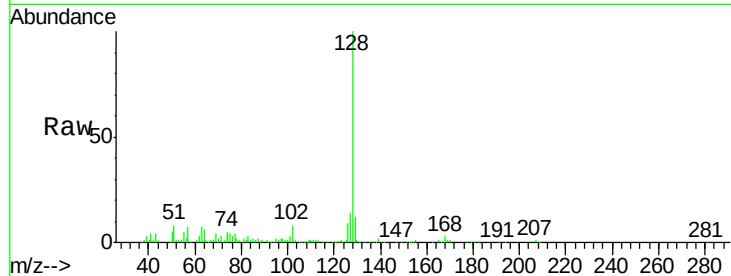




#95
 Naphthalene
 Concen: 14.999 ug/l
 RT: 15.24 min Scan# 2215
 Delta R.T. -0.01 min
 Lab File: VY001386.D
 Acq: 24 Jan 2020 16:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 20200055-COMPOSITE-1

Tot Ion:128 Resp: 78831
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.2 15.2
 129 11.8 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

