

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001384.D
 Acq On : 24 Jan 2020 15:56
 Operator : SY/MD
 Sample : L1242-03
 Misc : 5.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20200057-COMPOSITE-3

Quant Time: Jan 25 04:34:54 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

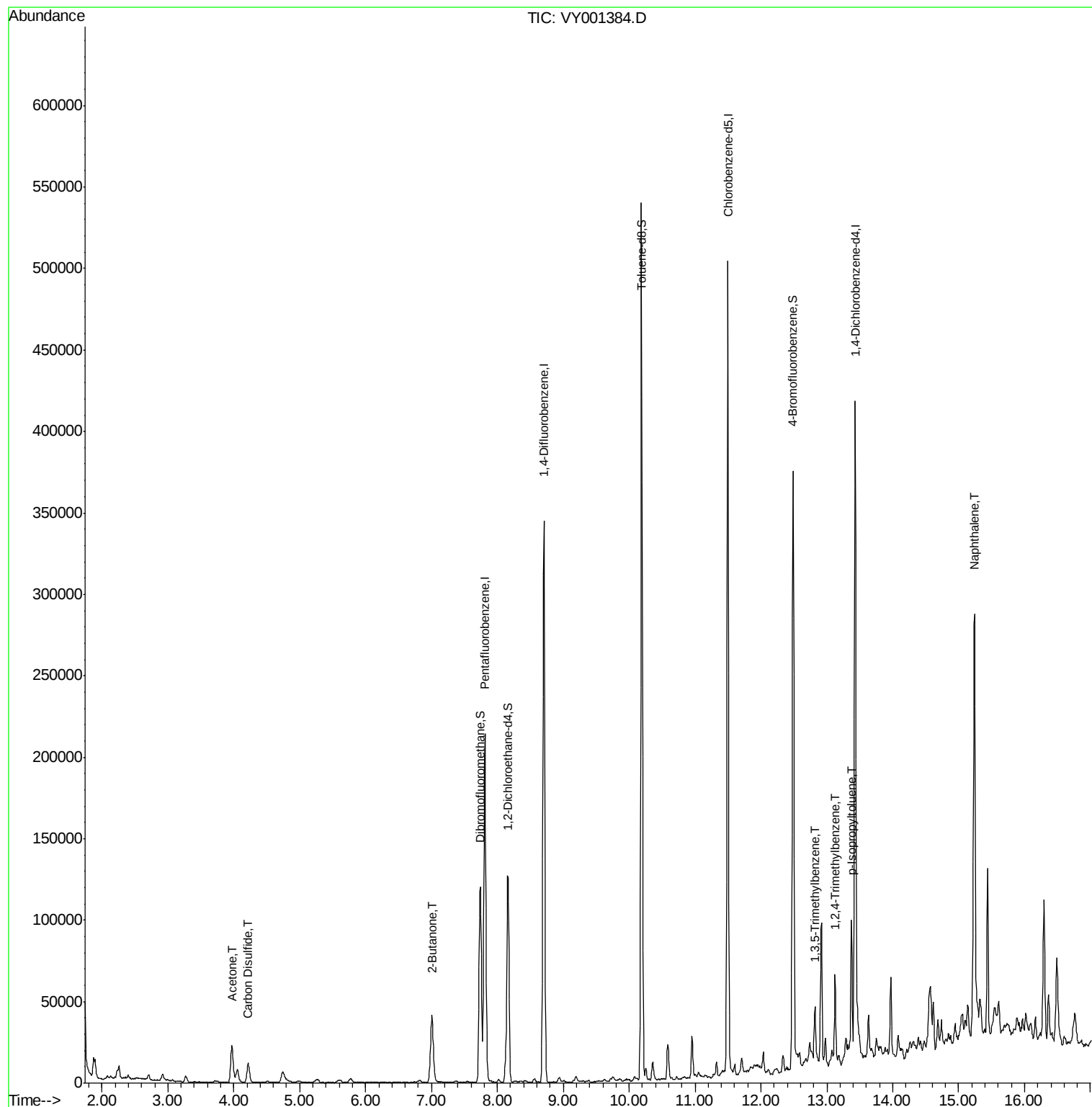
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	161449	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	298978	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	260112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	96226	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	90617	51.58	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.16%	
35) Dibromofluoromethane	7.74	113	86925	49.54	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	99.08%	
50) Toluene-d8	10.19	98	352201	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
62) 4-Bromofluorobenzene	12.49	95	115062	42.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.76%	
Target Compounds						
					Qvalue	
16) Acetone	3.97	43	41136	83.849	ug/l	98
17) Carbon Disulfide	4.22	76	21733	4.031	ug/l	100
25) 2-Butanone	7.02	43	16915	22.121	ug/l	93
80) 1,3,5-Trimethylbenzene	12.81	105	8894	1.403	ug/l	96
84) 1,2,4-Trimethylbenzene	13.13	105	26021	4.089	ug/l	98
86) p-Isopropyltoluene	13.38	119	44580	6.665	ug/l	99
95) Naphthalene	15.24	128	200193	43.670	ug/l	99

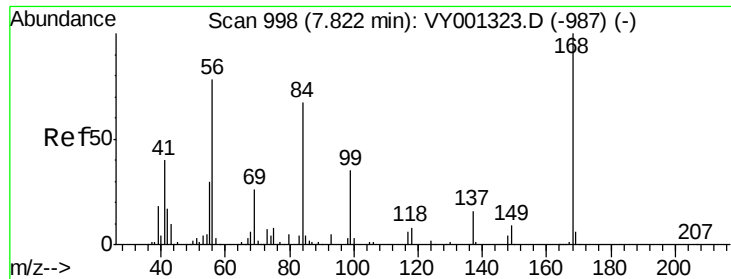
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 23 01:21:47 2020
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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: VY001384.D

Acq: 24 Jan 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

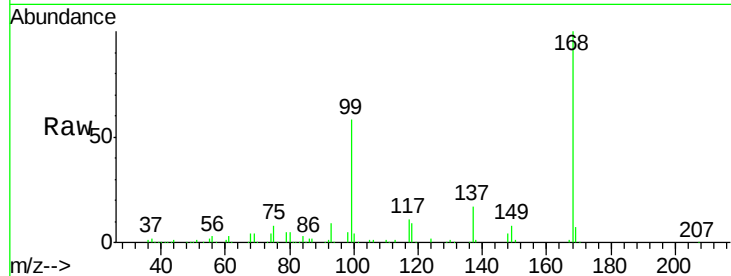
20200057-COMPOSITE-3

Tot Ion:168 Resp: 161449

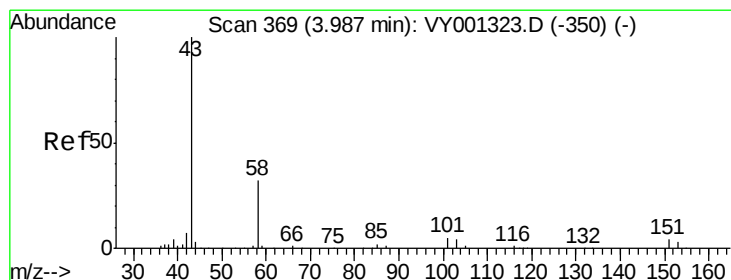
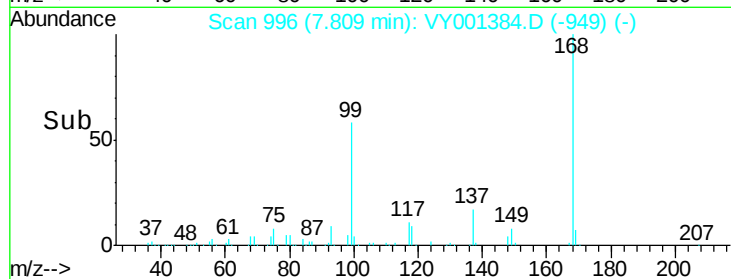
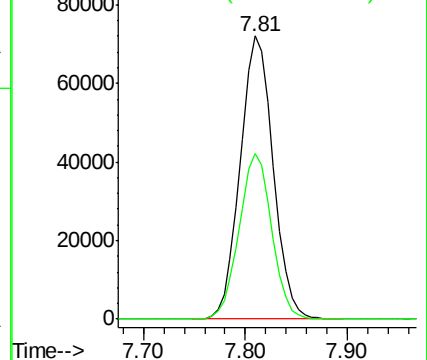
Ion Ratio Lower Upper

168 100

99 58.5 44.3 66.5



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



#16

Acetone

Concen: 83.849 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.02 min

Lab File: VY001384.D

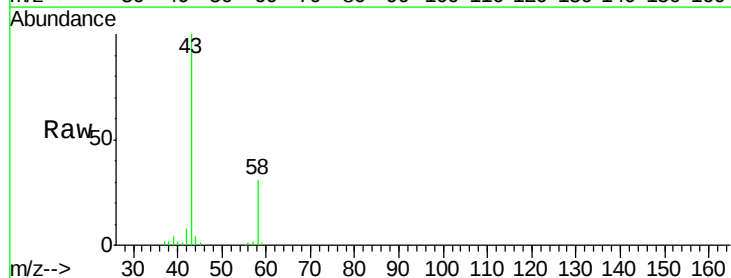
Acq: 24 Jan 2020 15:56

Tgt Ion: 43 Resp: 41136

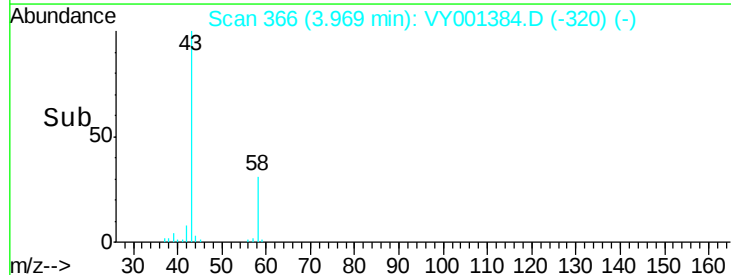
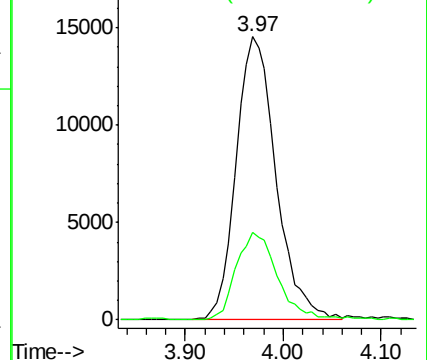
Ion Ratio Lower Upper

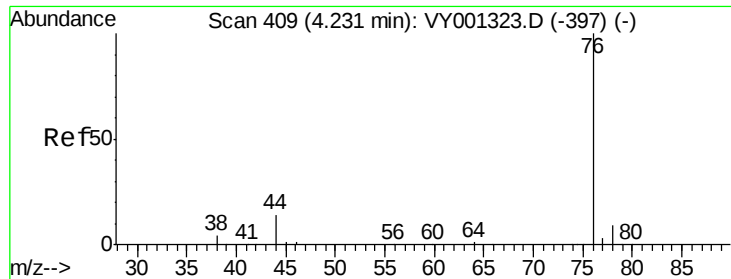
43 100

58 30.7 25.4 38.0



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

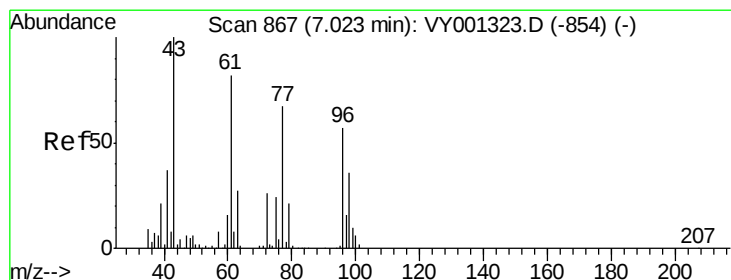
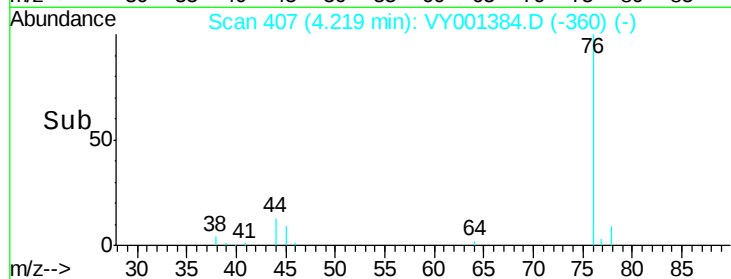
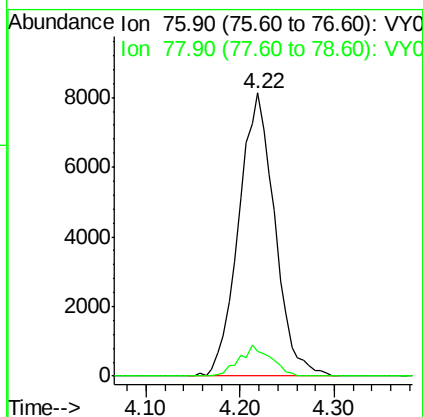
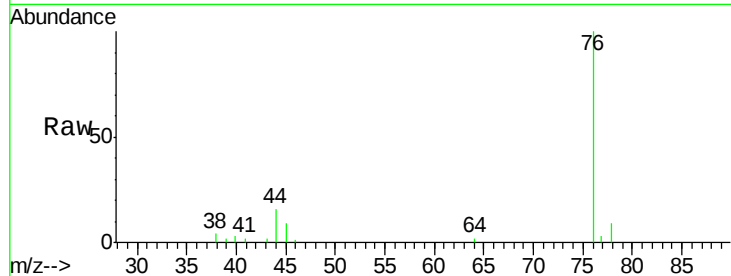




#17
Carbon Disulfide
Concen: 4.031 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.01 min
Lab File: VY001384.D
Acq: 24 Jan 2020 15:56

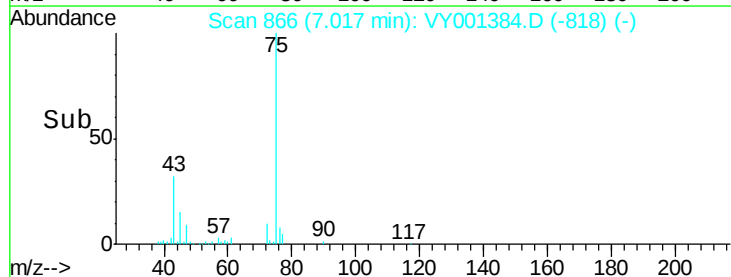
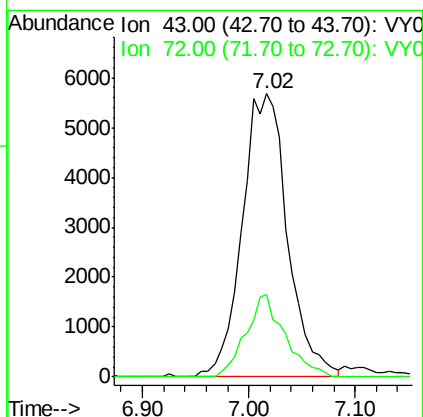
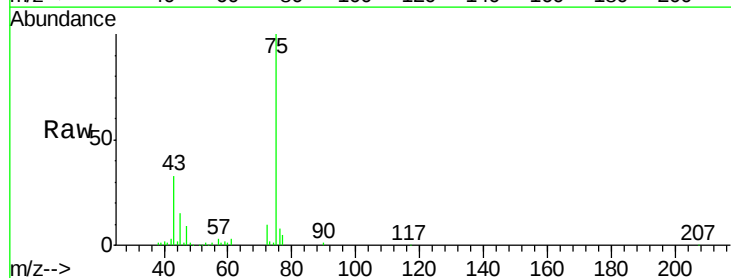
Instrument :
MSVOA_Y
ClientSampleId :
20200057-COMPOSITE-3

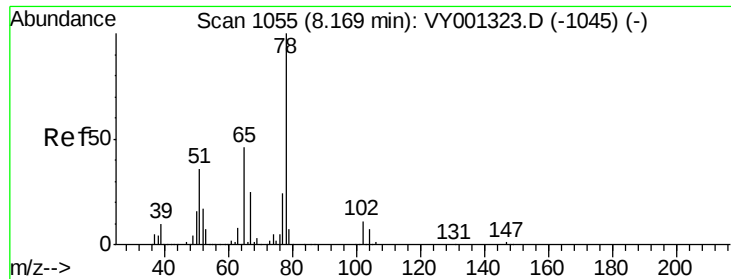
Tot Ion: 76 Resp: 21733
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#25
2-Butanone
Concen: 22.121 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.01 min
Lab File: VY001384.D
Acq: 24 Jan 2020 15:56

Tgt Ion: 43 Resp: 16915
Ion Ratio Lower Upper
43 100
72 29.2 20.6 31.0

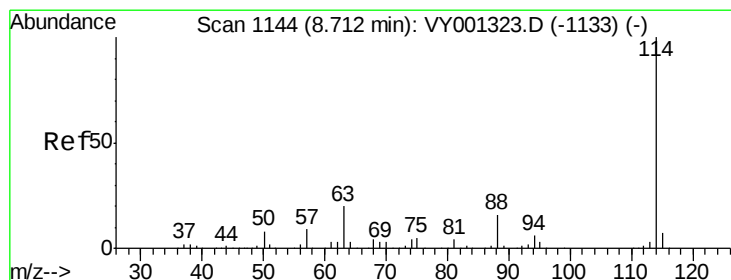
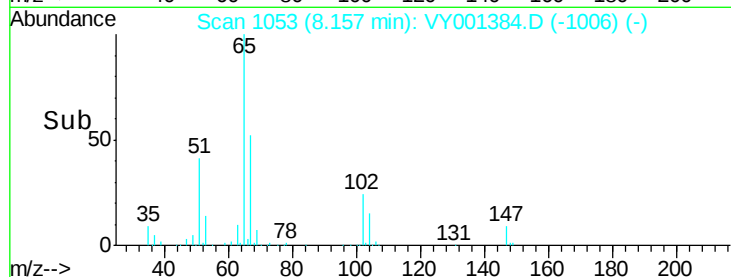
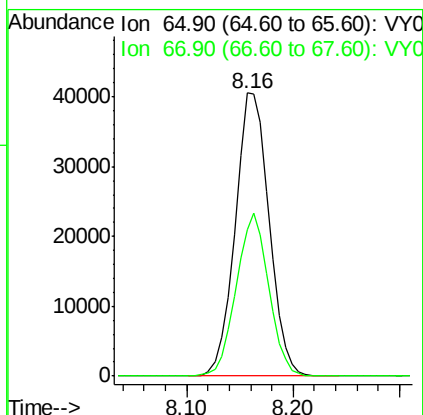
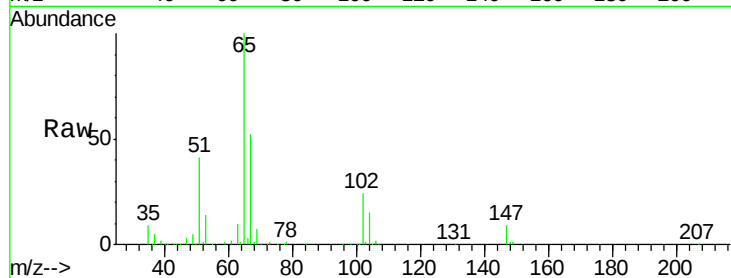




#33
 1,2-Dichloroethane-d4
 Concen: 51.581 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001384.D
 Acq: 24 Jan 2020 15:56

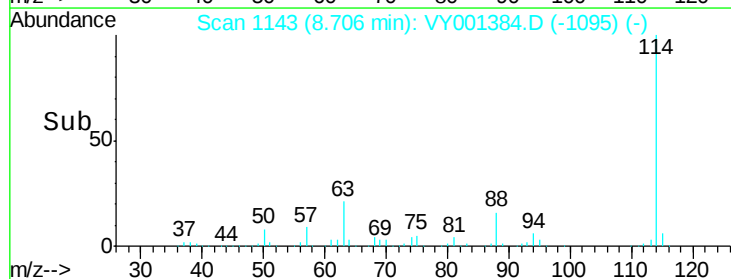
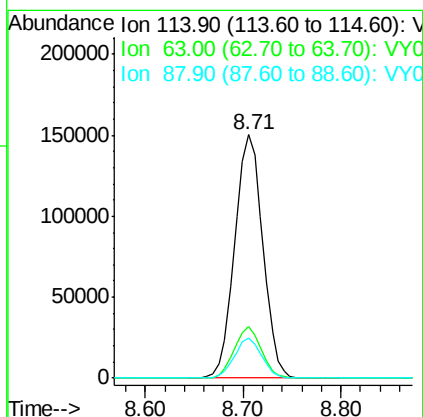
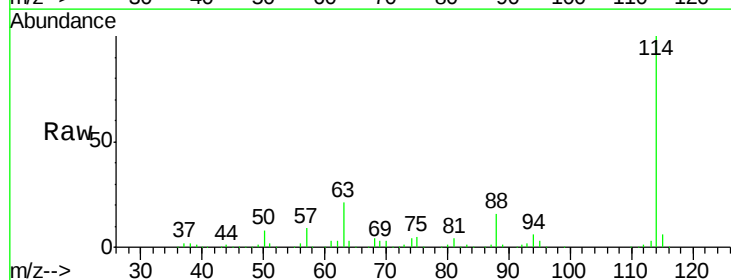
Instrument :
 MSVOA_Y
 ClientSampleId :
 20200057-COMPOSITE-3

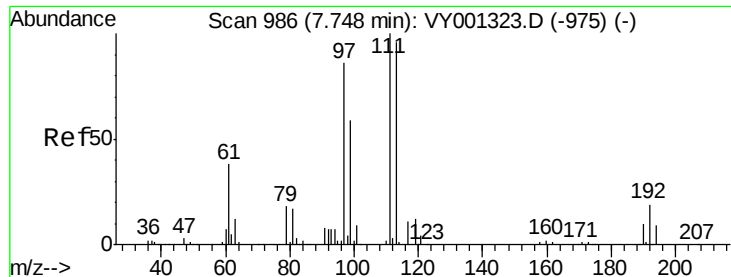
Tot Ion: 65 Resp: 90617
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001384.D
 Acq: 24 Jan 2020 15:56

Tgt Ion: 114 Resp: 298978
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 40.8
 88 16.4 0.0 31.0

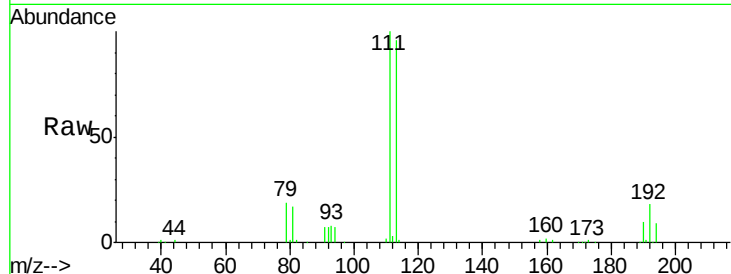




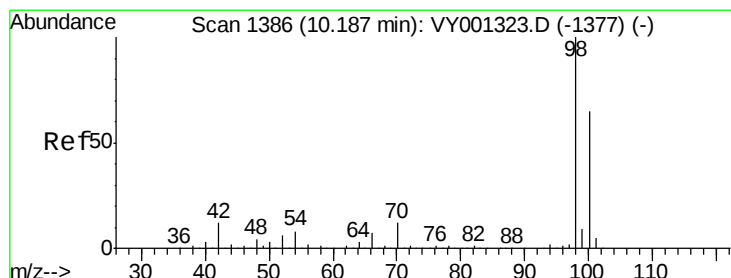
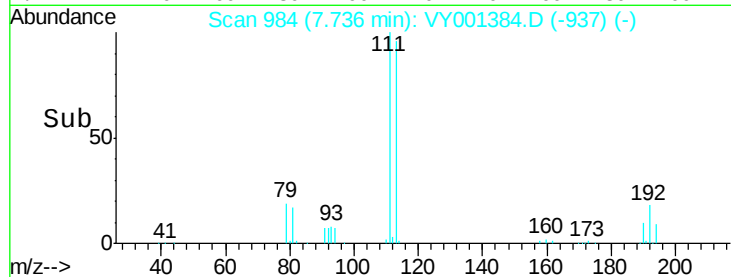
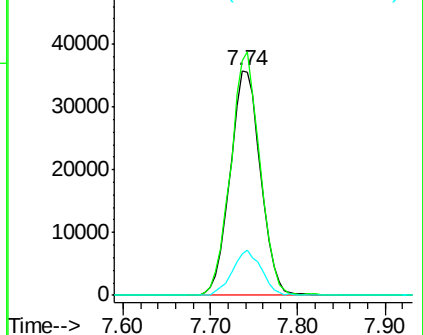
#35
Dibromofluoromethane
Concen: 49.537 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.01 min
Lab File: VY001384.D
Acq: 24 Jan 2020 15:56

Instrument :
MSVOA_Y
ClientSampleId :
20200057-COMPOSITE-3

Tot Ion:113 Resp: 86925
Ion Ratio Lower Upper
113 100
111 103.7 82.8 124.2
192 19.1 15.5 23.3

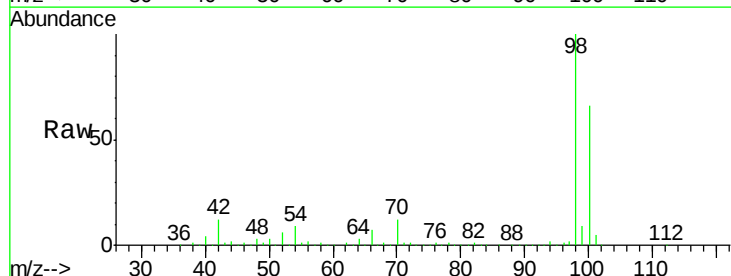


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

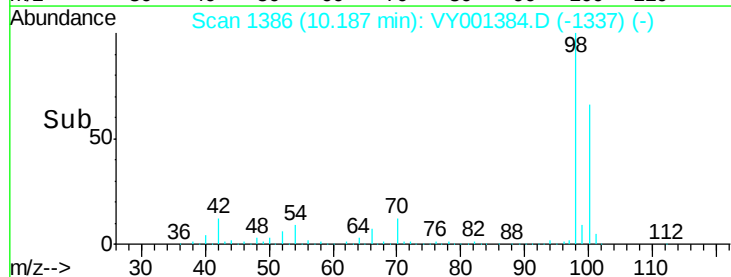
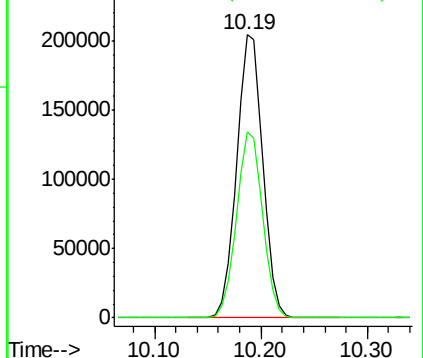


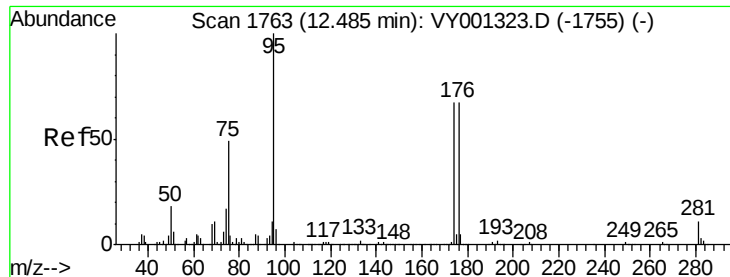
#50
Toluene-d8
Concen: 51.661 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY001384.D
Acq: 24 Jan 2020 15:56

Tgt Ion: 98 Resp: 352201
Ion Ratio Lower Upper
98 100
100 65.7 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

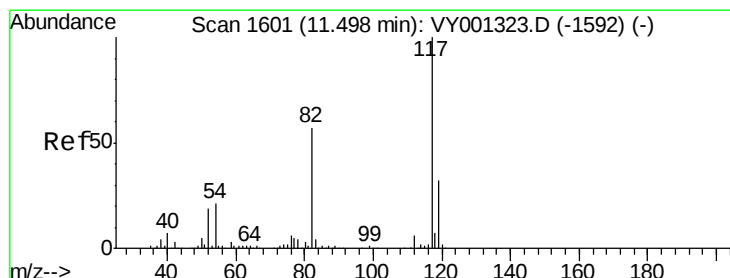
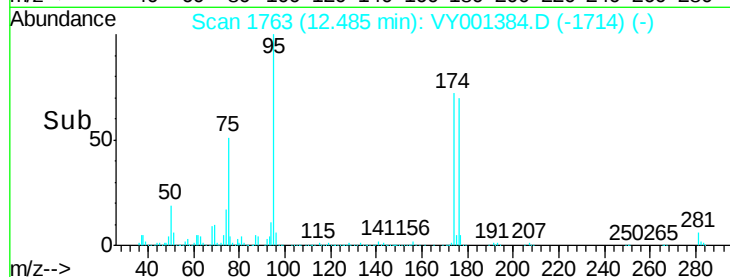
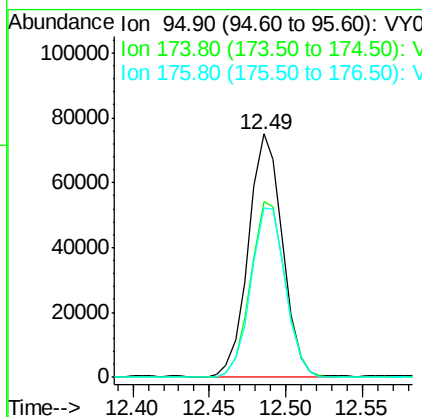
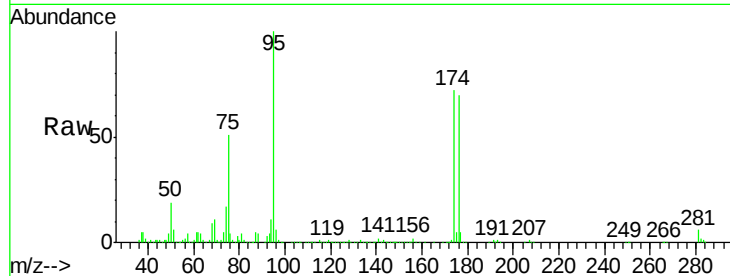




#62
4-Bromofluorobenzene
Concen: 42.381 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY001384.D
Acq: 24 Jan 2020 15:56

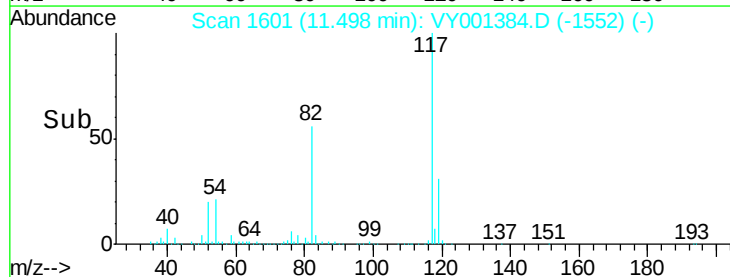
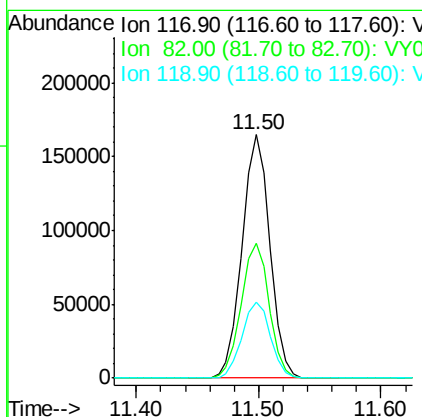
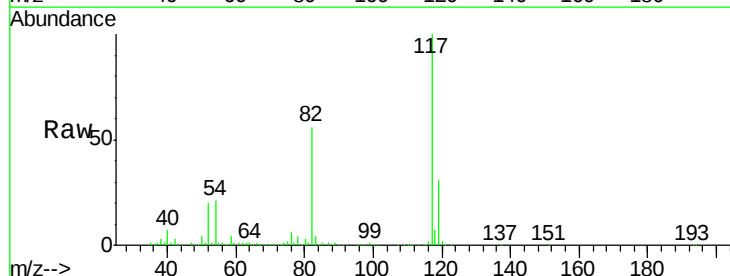
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20200057-COMPOSITE-3

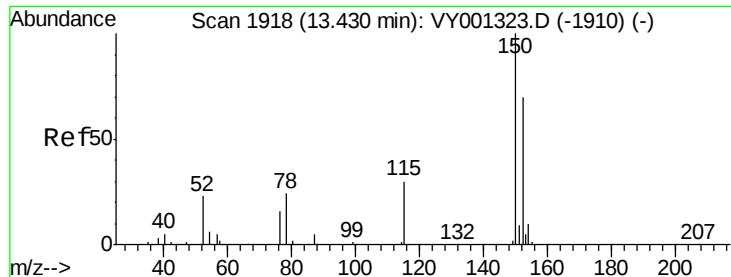
Tot Ion	95	Resp	115062
Ion Ratio	Lower	Upper	
95	100		
174	74.0	0.0	142.0
176	71.7	0.0	138.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001384.D
Acq: 24 Jan 2020 15:56

Tgt Ion	117	Resp	260112
Ion Ratio	Lower	Upper	
117	100		
82	55.5	45.5	68.3
119	31.1	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: VY001384.D

Acq: 24 Jan 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

20200057-COMPOSITE-3

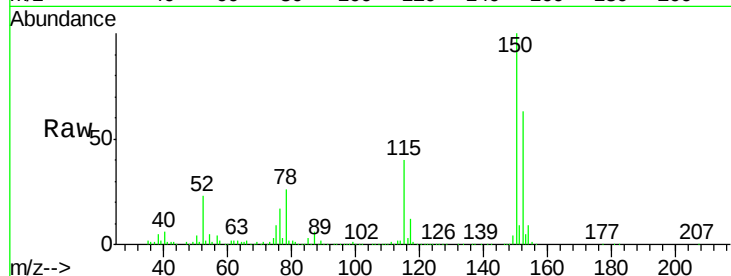
Tot Ion:152 Resp: 96226

Ion Ratio Lower Upper

152 100

115 62.2 30.9 92.8

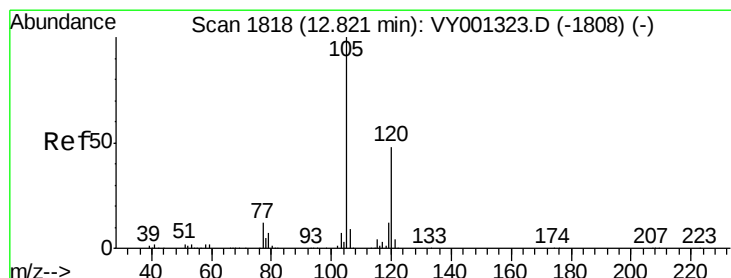
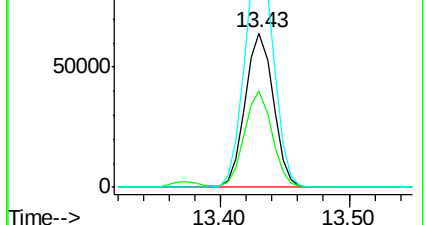
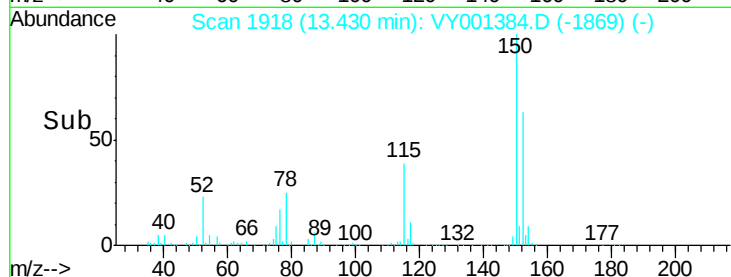
150 155.7 0.0 349.2



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



#80

1,3,5-Trimethylbenzene

Concen: 1.403 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001384.D

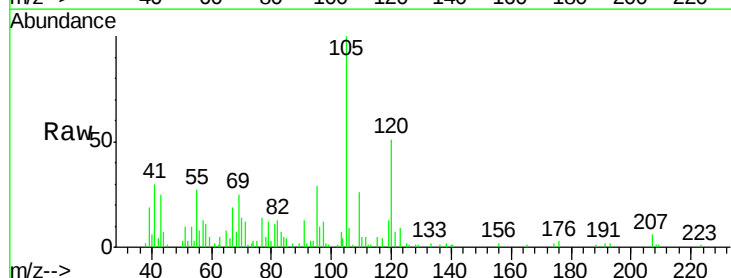
Acq: 24 Jan 2020 15:56

Tgt Ion:105 Resp: 8894

Ion Ratio Lower Upper

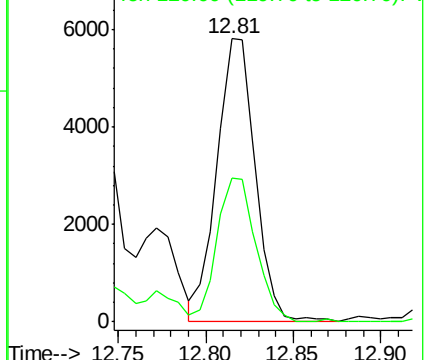
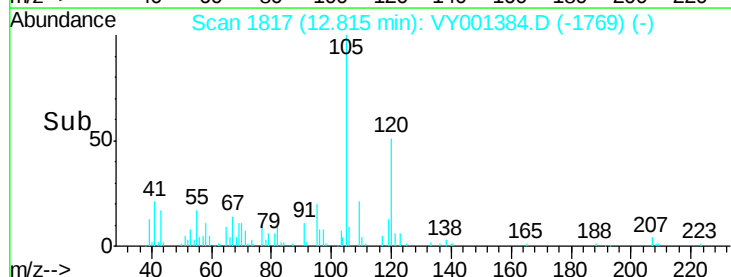
105 100

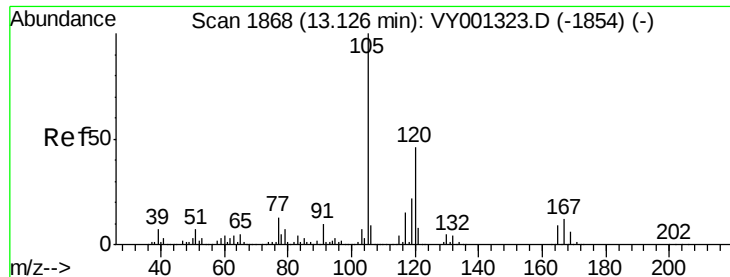
120 51.5 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

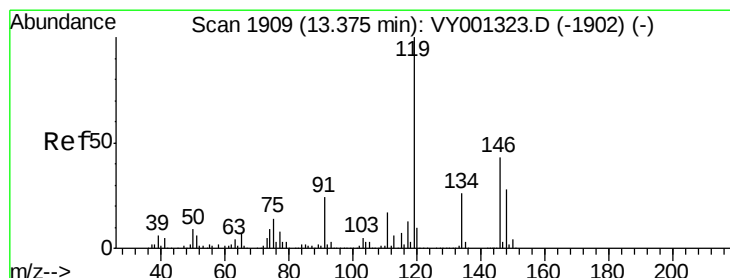
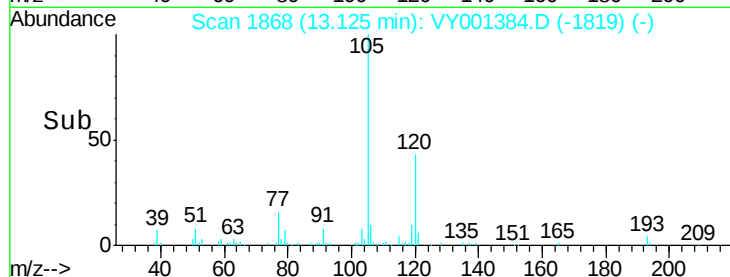
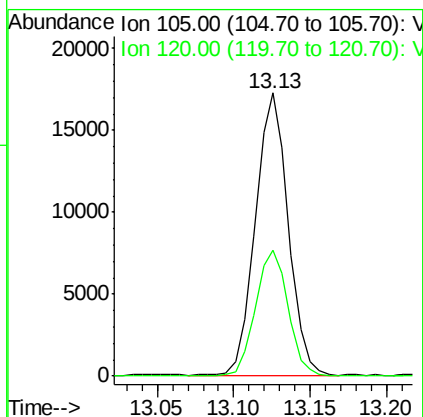
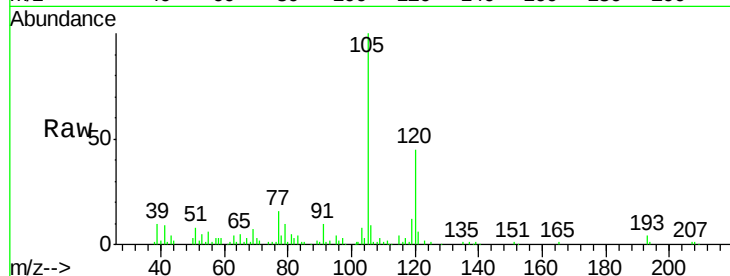




#84
 1,2,4-Trimethylbenzene
 Concen: 4.089 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY001384.D
 Acq: 24 Jan 2020 15:56

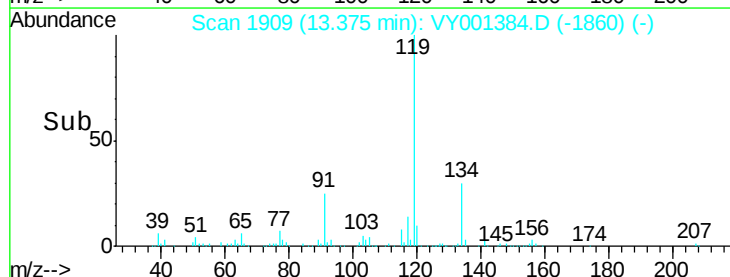
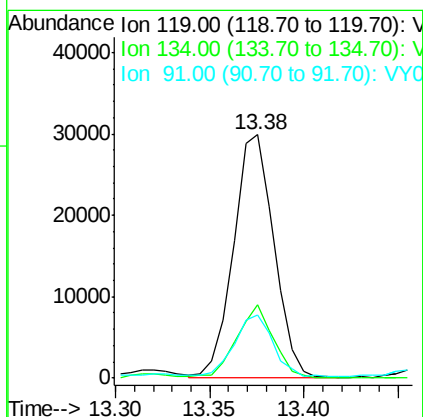
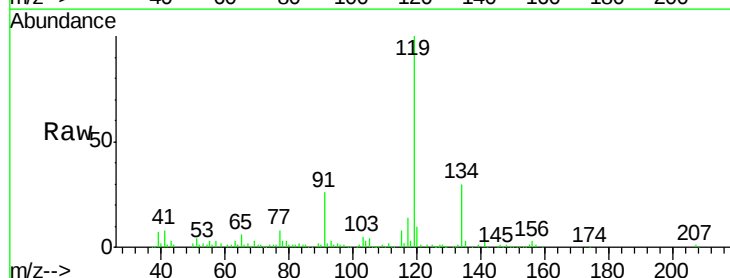
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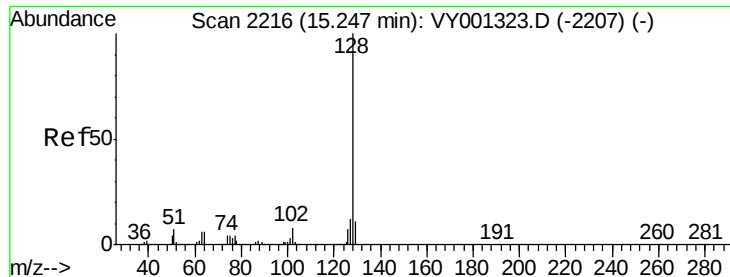
Tot Ion:105 Resp: 26021
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.4 67.3



#86
 p-Isopropyltoluene
 Concen: 6.665 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001384.D
 Acq: 24 Jan 2020 15:56

Tgt Ion:119 Resp: 44580
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.5 40.4
 91 24.2 12.2 36.6





#95

Naphthalene

Concen: 43.670 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001384.D

Acq: 24 Jan 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

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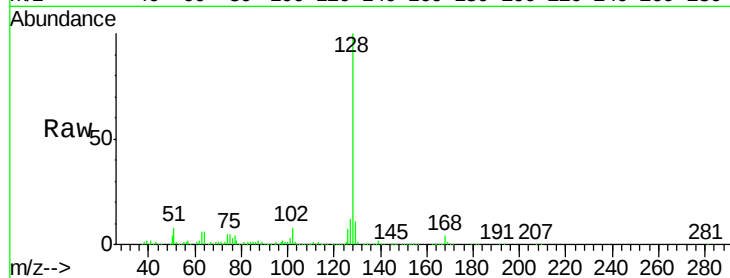
Tot Ion:128 Resp: 200193

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 11.1 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

