

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
 Data File : VY003012.D
 Acq On : 29 Jun 2020 17:31
 Operator : SY/MD
 Sample : L3128-05
 Misc : 6.91G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 44-08

Quant Time: Jun 30 06:54:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

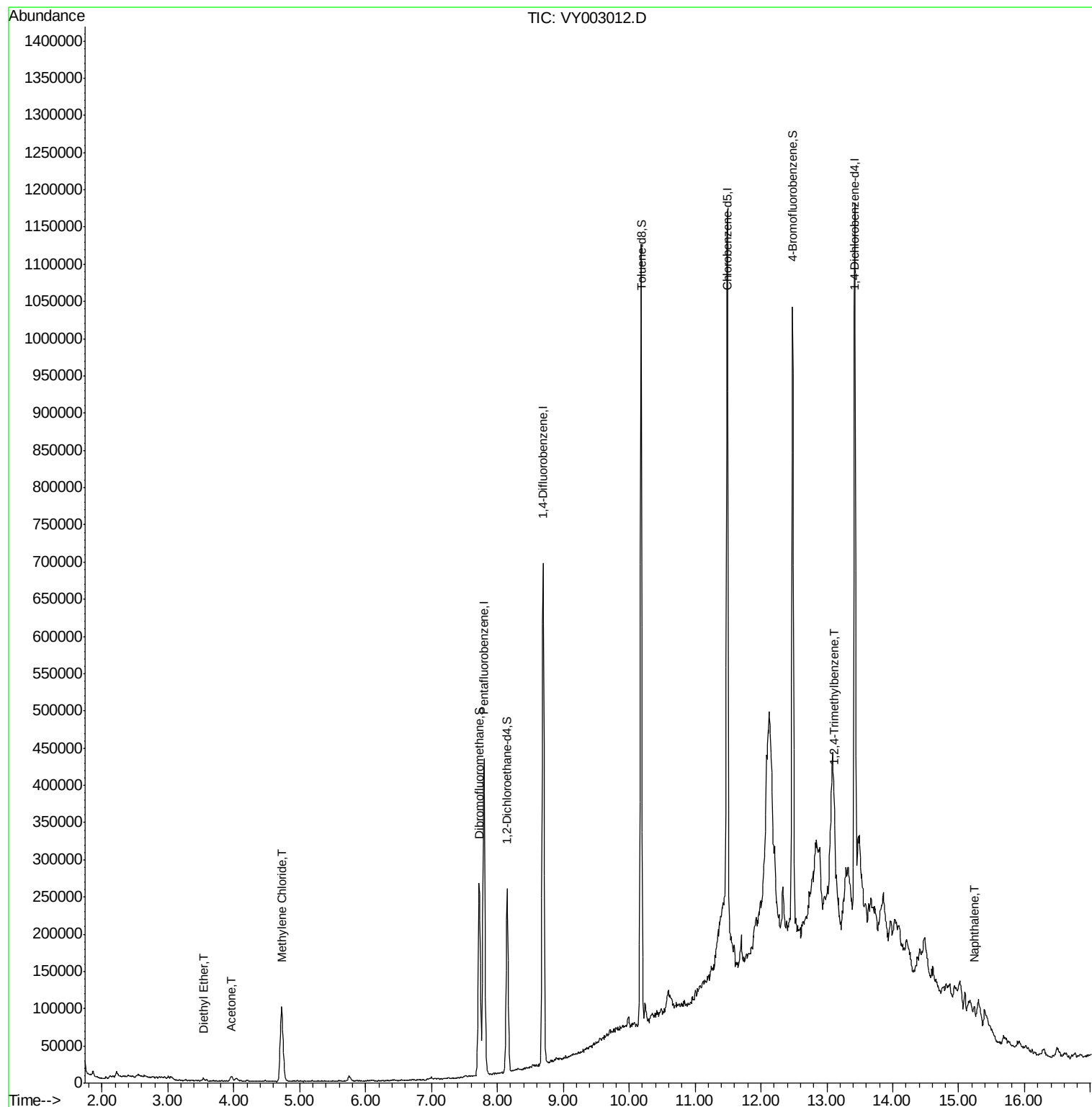
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	344477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	561713	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	526076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	240638	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	196526	57.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.88%	
35) Dibromofluoromethane	7.72	113	185512	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
50) Toluene-d8	10.18	98	686896	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
62) 4-Bromofluorobenzene	12.48	95	237996	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
Target Compounds						
8) Diethyl Ether	3.54	74	1985	1.101	ug/l	95
16) Acetone	3.96	43	12187	15.103	ug/l	97
20) Methylene Chloride	4.72	84	75289	16.196	ug/l	95
84) 1,2,4-Trimethylbenzene	13.12	105	13706	1.029	ug/l	80
95) Naphthalene	15.23	128	14799	1.612	ug/l #	87

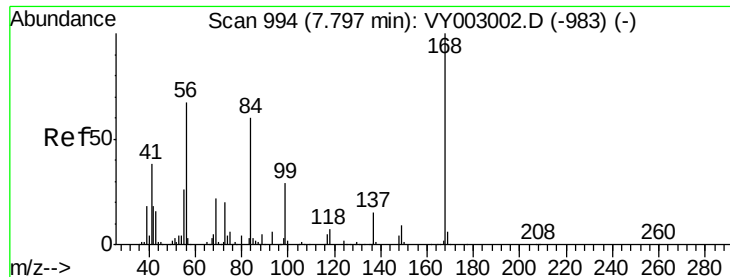
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
Data File : VY003012.D
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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: VY003012.D

Acq: 29 Jun 2020 17:31

Instrument :

MSVOA_Y

ClientSampleId :

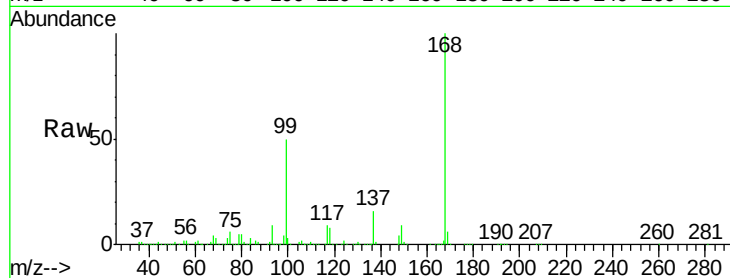
44-08

Tot Ion:168 Resp: 344477

Ion Ratio Lower Upper

168 100

99 50.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

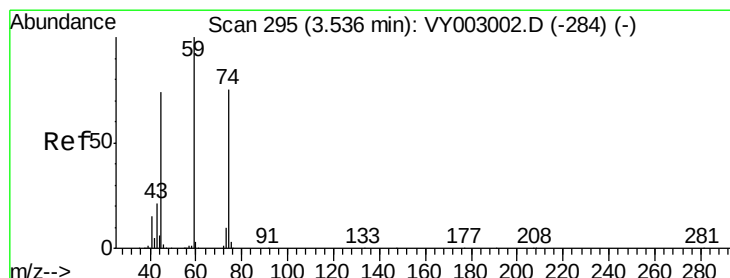
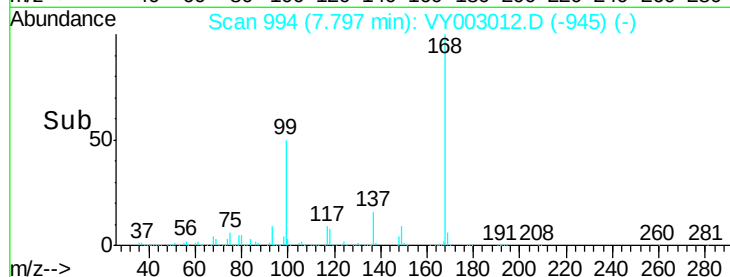
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.101 ug/l

RT: 3.54 min Scan# 295

Delta R.T. -0.00 min

Lab File: VY003012.D

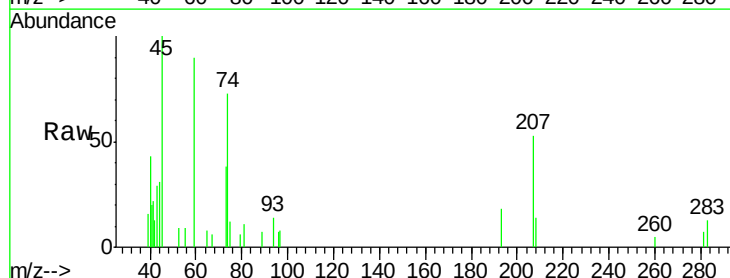
Acq: 29 Jun 2020 17:31

Tgt Ion: 74 Resp: 1985

Ion Ratio Lower Upper

74 100

45 103.1 49.3 147.9



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0

3.54

1200

1000

800

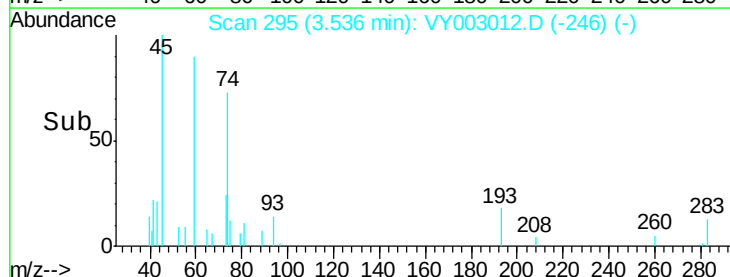
600

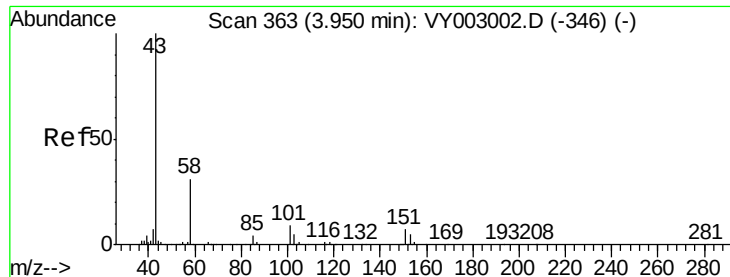
400

200

0

Time-->

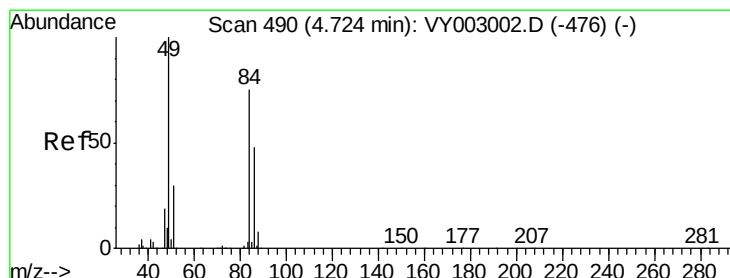
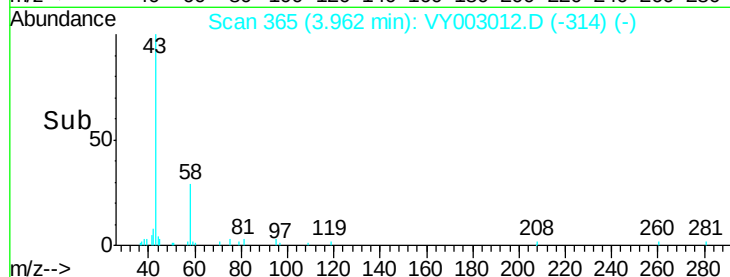
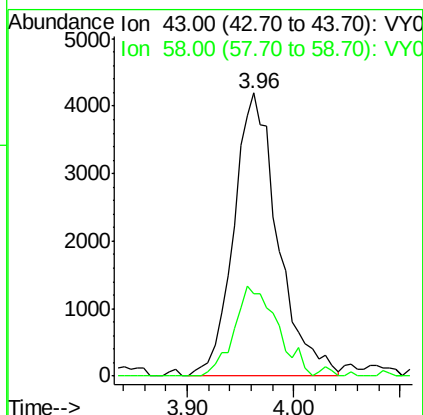
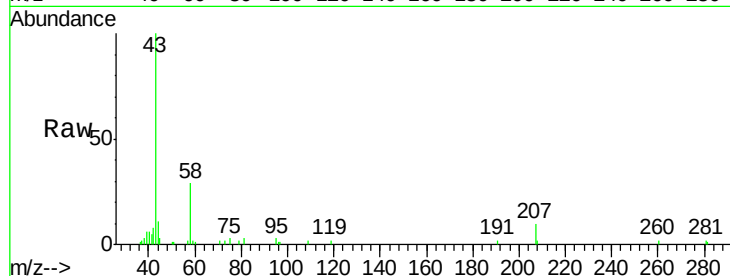




#16
Acetone
Concen: 15.103 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY003012.D
Acq: 29 Jun 2020 17:31

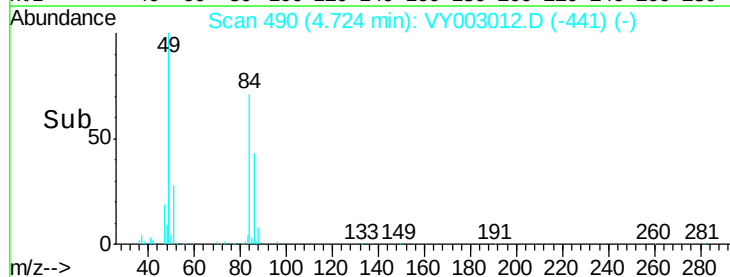
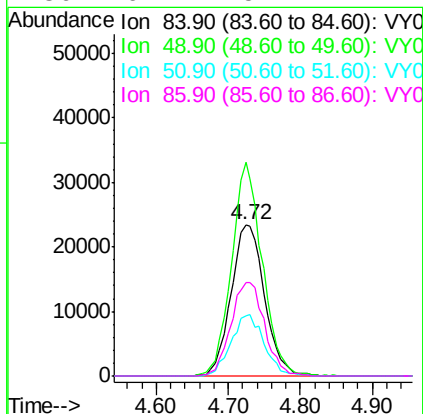
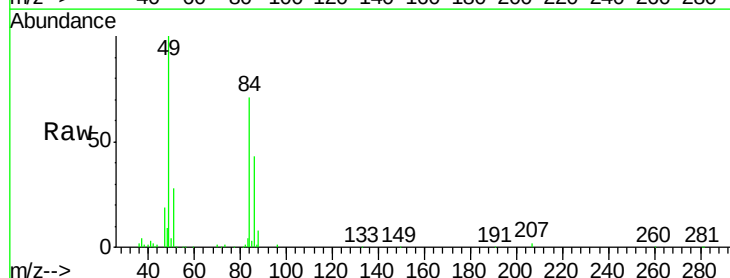
Instrument :
MSVOA_Y
ClientSampleId :
44-08

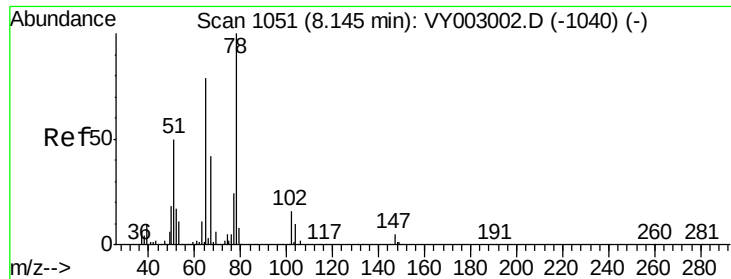
Tot Ion: 43 Resp: 12187
Ion Ratio Lower Upper
43 100
58 29.2 24.7 37.1



#20
Methylene Chloride
Concen: 16.196 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003012.D
Acq: 29 Jun 2020 17:31

Tgt Ion: 84 Resp: 75289
Ion Ratio Lower Upper
84 100
49 140.8 106.8 160.2
51 39.8 32.0 48.0
86 61.2 51.4 77.2

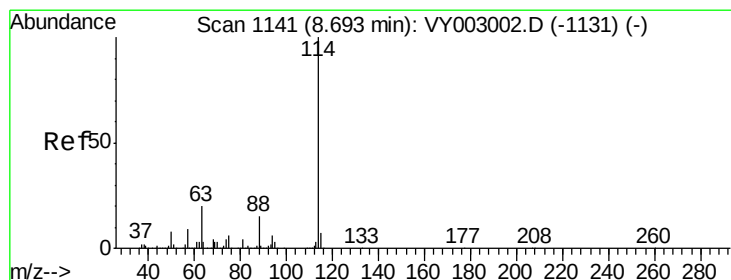
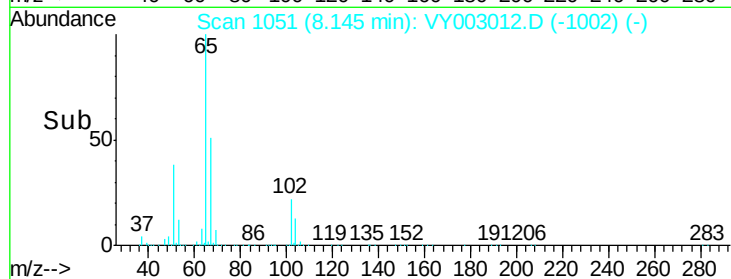
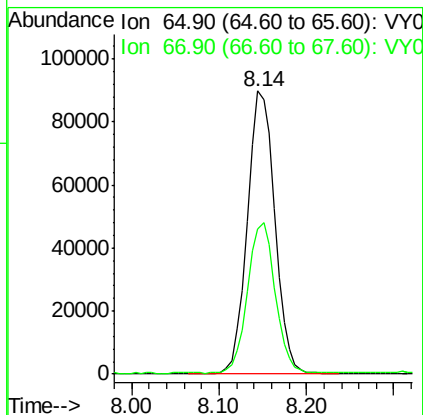
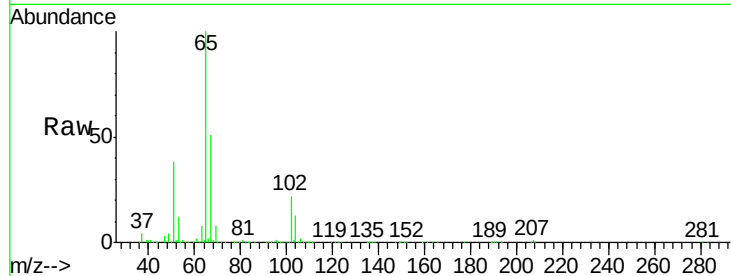




#33
 1,2-Dichloroethane-d4
 Concen: 57.441 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003012.D
 Acq: 29 Jun 2020 17:31

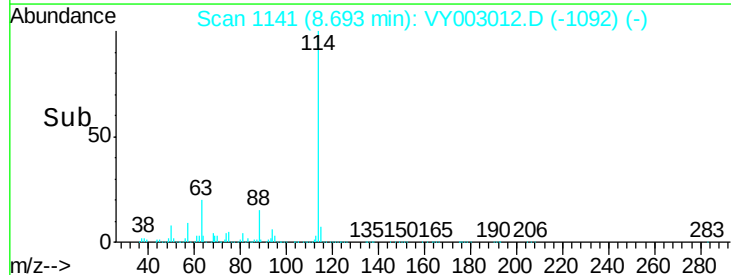
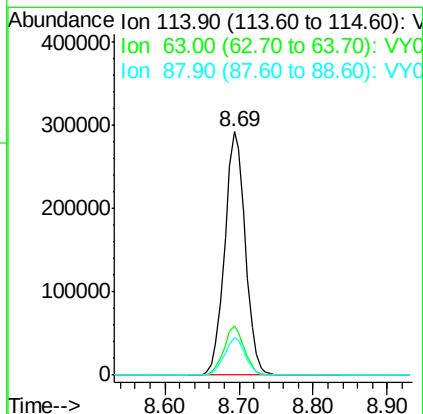
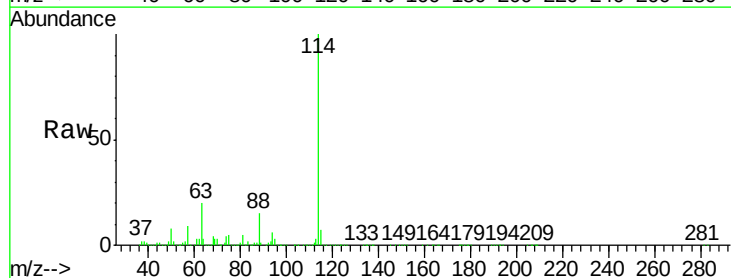
Instrument :
 MSVOA_Y
 ClientSampleId :
 44-08

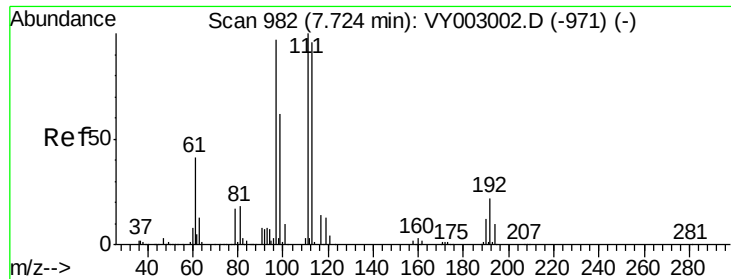
Tot Ion: 65 Resp: 196526
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003012.D
 Acq: 29 Jun 2020 17:31

Tgt Ion: 114 Resp: 561713
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.6
 88 15.2 0.0 30.0

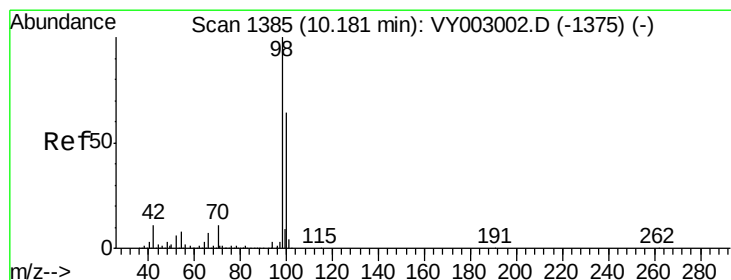
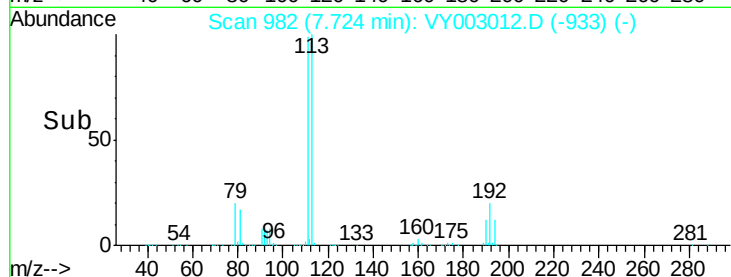
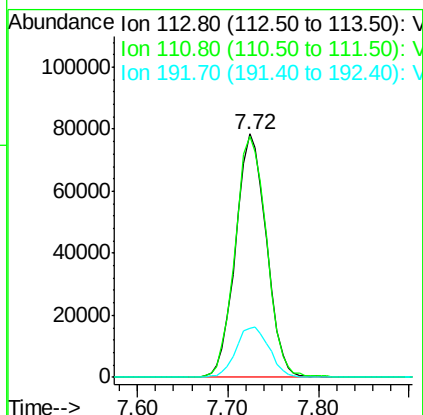
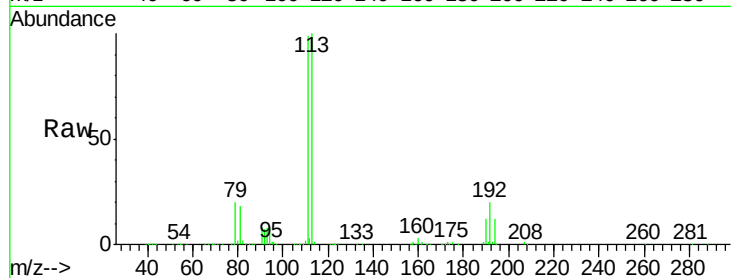




#35
 Dibromofluoromethane
 Concen: 52.942 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003012.D
 Acq: 29 Jun 2020 17:31

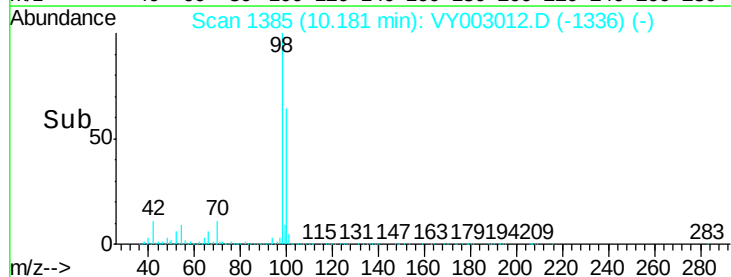
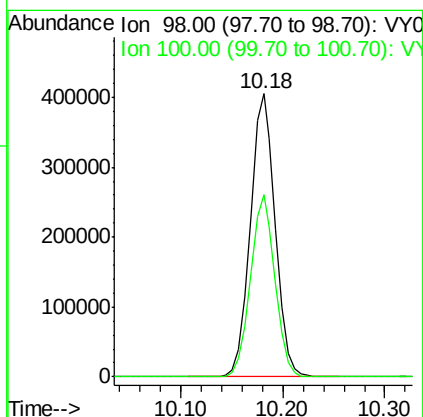
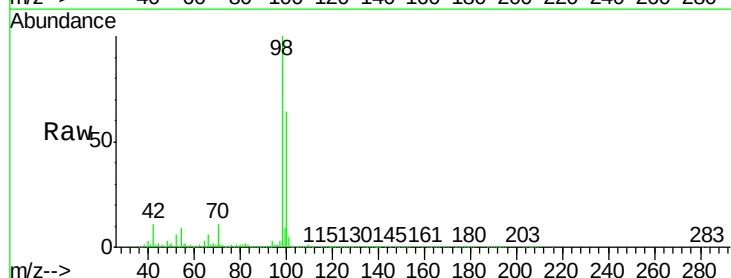
Instrument :
 MSVOA_Y
 ClientSampleId :
 44-08

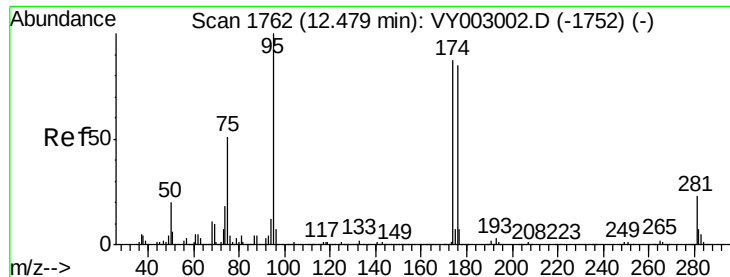
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.6	123.8
192	22.4	18.1	27.1



#50
 Toluene-d8
 Concen: 52.619 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY003012.D
 Acq: 29 Jun 2020 17:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.1	76.7





#62

4-Bromofluorobenzene

Concen: 51.793 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003012.D

Acq: 29 Jun 2020 17:31

Instrument :

MSVOA_Y

ClientSampled :

44-08

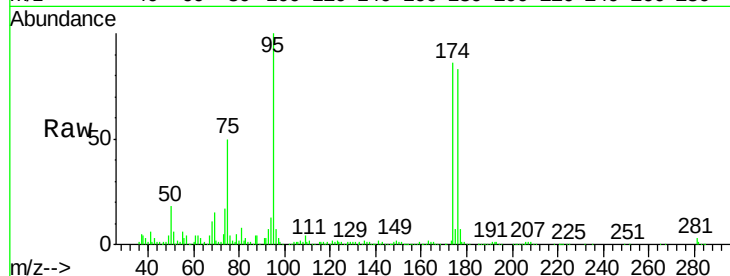
Tot Ion: 95 Resp: 237996

Ion Ratio Lower Upper

95 100

174 90.9 0.0 184.8

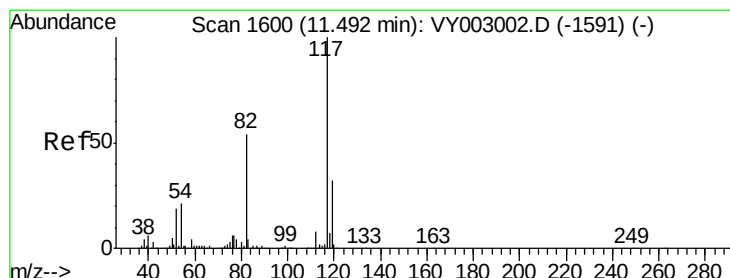
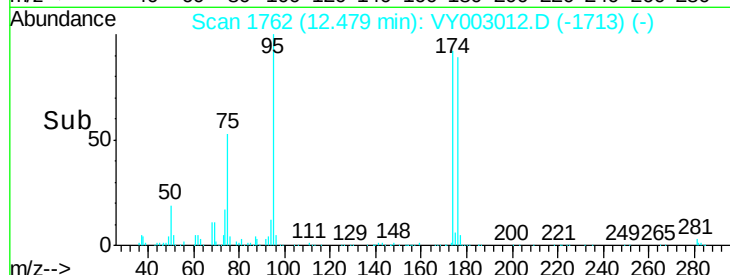
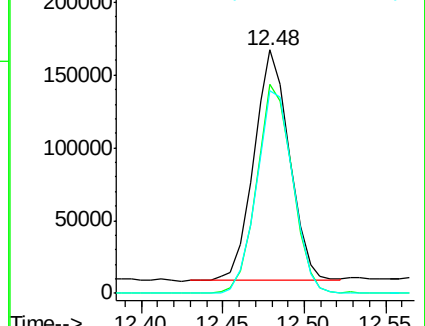
176 90.3 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003012.D

Acq: 29 Jun 2020 17:31

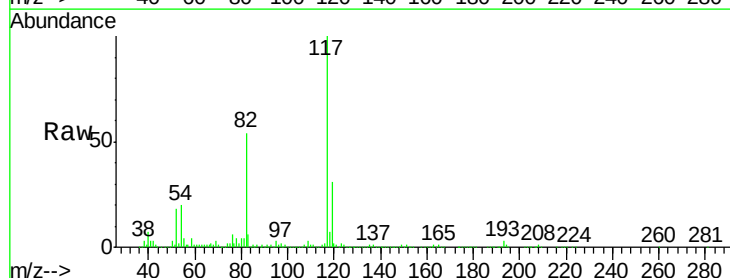
Tgt Ion: 117 Resp: 526076

Ion Ratio Lower Upper

117 100

82 52.8 43.0 64.6

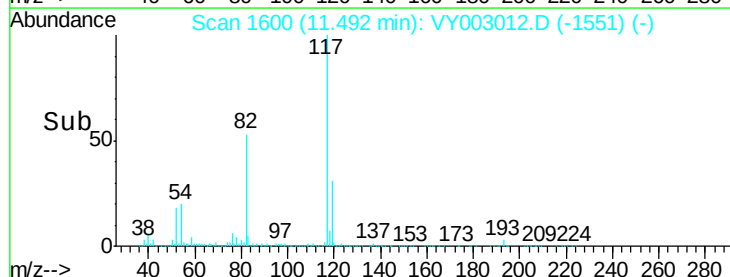
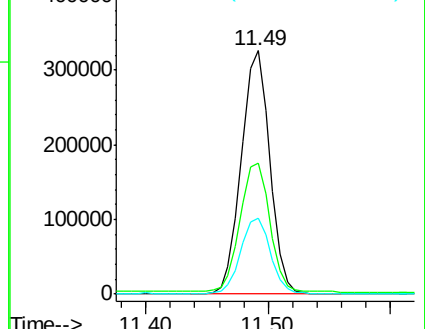
119 31.1 25.8 38.8

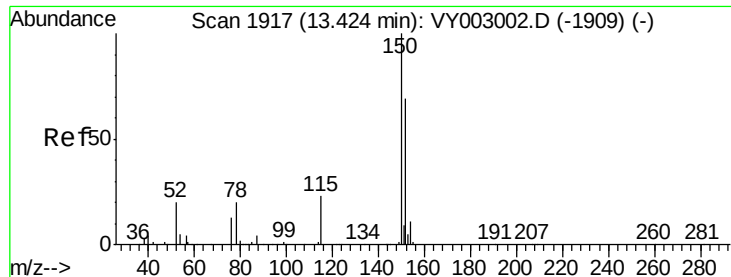


Abundance Ion 116.90 (116.60 to 117.60): VY0

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): VY0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003012.D

Acq: 29 Jun 2020 17:31

Instrument :

MSVOA_Y

ClientSampleId :

44-08

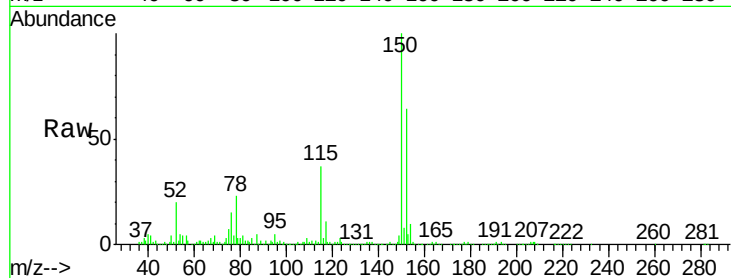
Tot Ion:152 Resp: 240638

Ion Ratio Lower Upper

152 100

115 55.6 27.3 81.9

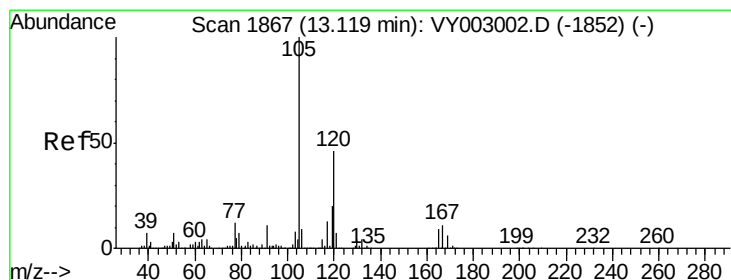
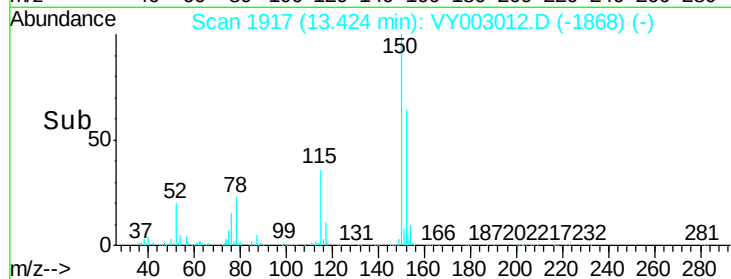
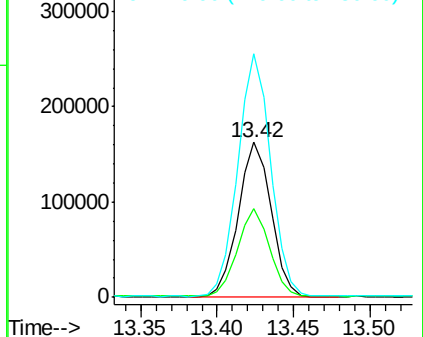
150 157.3 0.0 343.4



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: 1.029 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003012.D

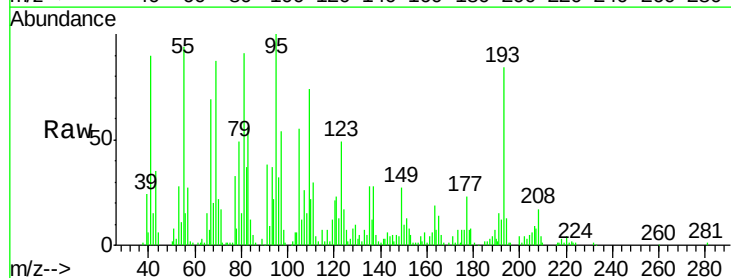
Acq: 29 Jun 2020 17:31

Tgt Ion:105 Resp: 13706

Ion Ratio Lower Upper

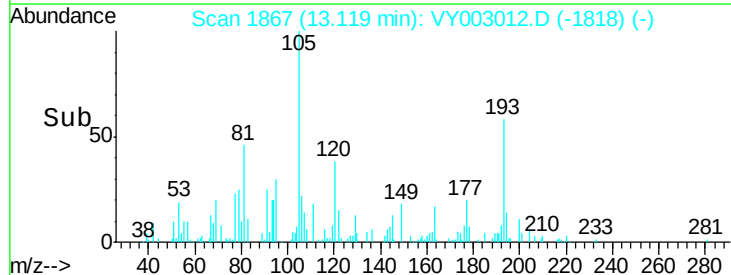
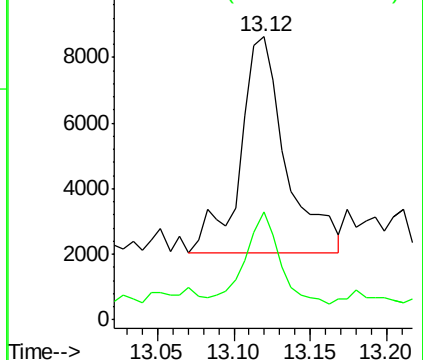
105 100

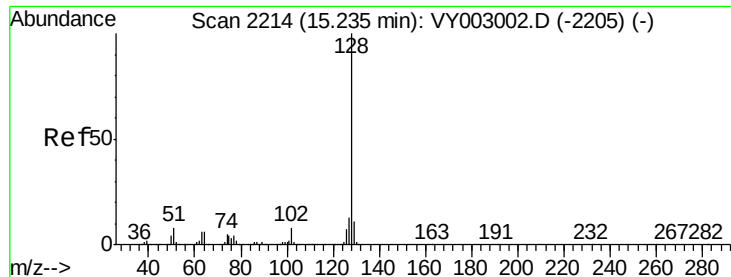
120 32.0 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 1.612 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003012.D
Acq: 29 Jun 2020 17:31

Instrument :
MSVOA_Y
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44-08

Tot Ion	Ratio	Lower	Upper
128	100		
127	16.6	10.8	16.2#
129	18.3	8.8	13.2#

