

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
 Data File : VY003108.D
 Acq On : 06 Jul 2020 13:14
 Operator : SY/MD
 Sample : L3208-02
 Misc : 7.90G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-4743

Quant Time: Jul 07 08:06:24 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

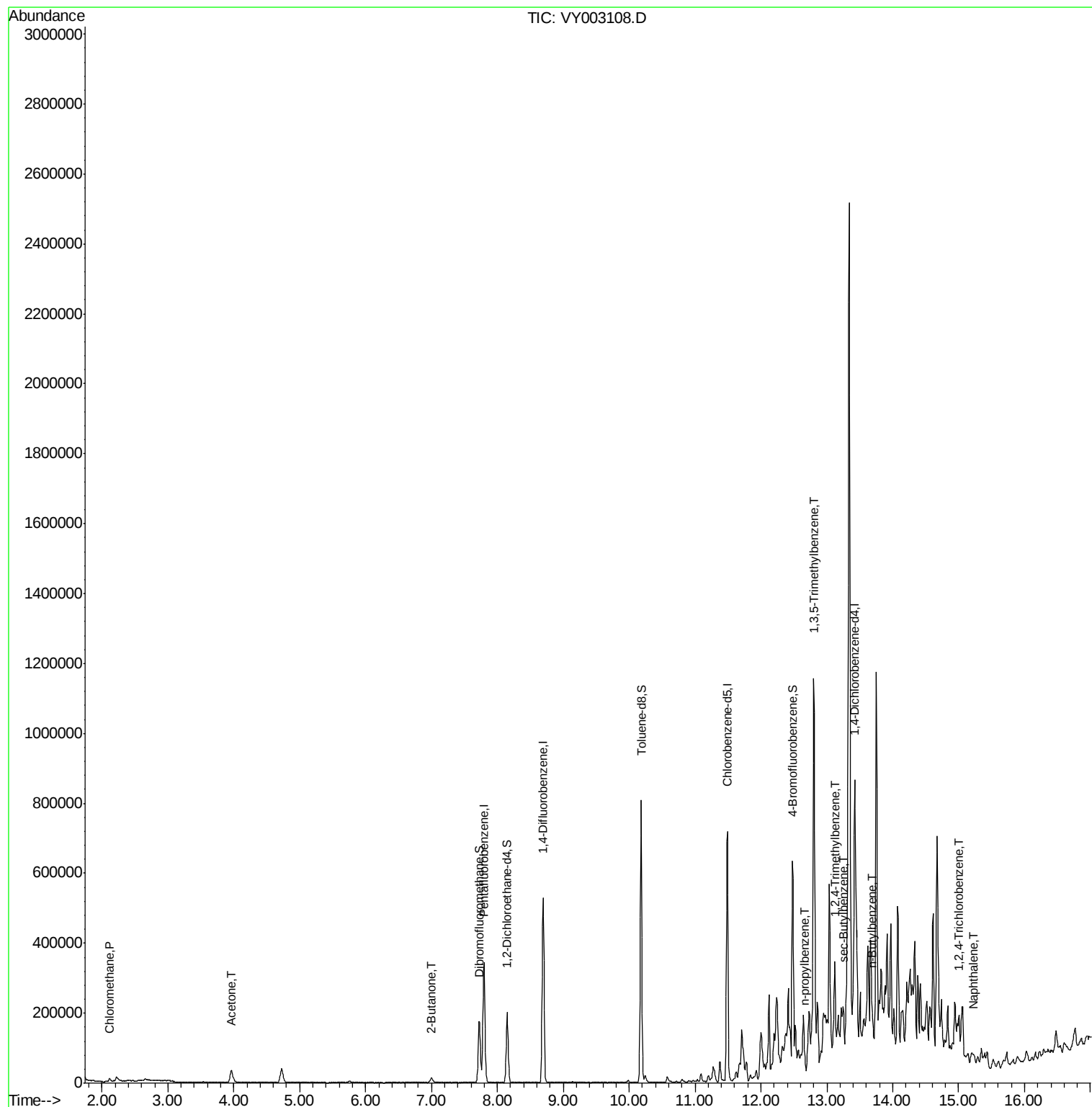
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	278631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	440934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	400619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	162174	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	150374	54.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.68%	
35) Dibromofluoromethane	7.72	113	124100	45.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.24%	
50) Toluene-d8	10.18	98	520446	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
62) 4-Bromofluorobenzene	12.48	95	167755	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.12	50	7612	2.463	ug/l	99
16) Acetone	3.96	43	67384	103.243	ug/l	96
25) 2-Butanone	7.00	43	16241	15.665	ug/l	91
78) n-propylbenzene	12.67	91	17422	1.365	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	76139	8.549	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	115460	12.865	ug/l	97
85) sec-Butylbenzene	13.25	105	27158	2.519	ug/l	85
89) n-Butylbenzene	13.69	91	34296	3.589	ug/l #	74
93) 1,2,4-Trichlorobenzene	15.01	180	29910	8.830	ug/l #	77
95) Naphthalene	15.23	128	15901	2.570	ug/l #	96

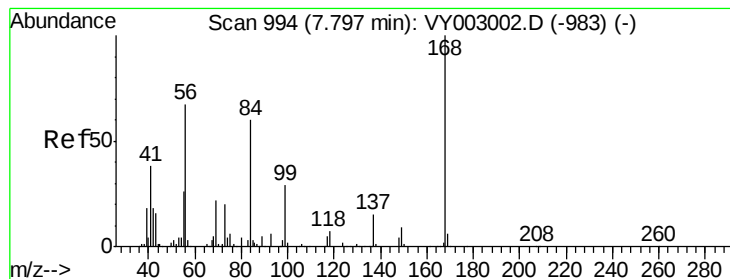
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
Data File : VY003108.D
Acq On : 06 Jul 2020 13:14
Operator : SY/MD
Sample : L3208-02
Misc : 7.90G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RT-4743

Quant Time: Jul 07 08:06:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003108.D

Acq: 06 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

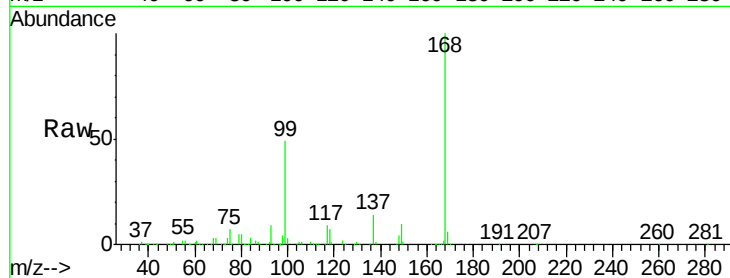
RT-4743

Tot Ion:168 Resp: 278631

Ion Ratio Lower Upper

168 100

99 49.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003108.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003108.D (-983) (-)

7.80

150000

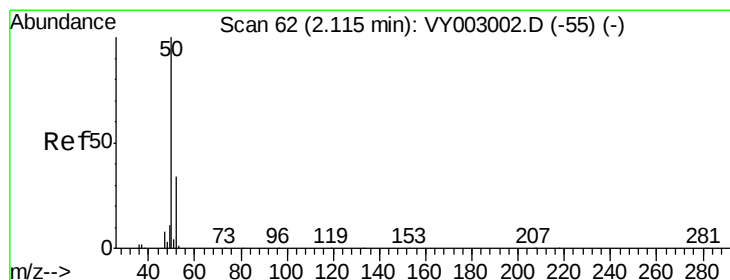
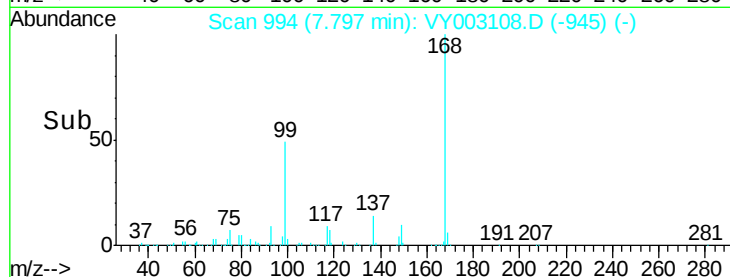
100000

50000

0

7.70 7.80 7.90 8.00

Time-->



#3

Chloromethane

Concen: 2.463 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003108.D

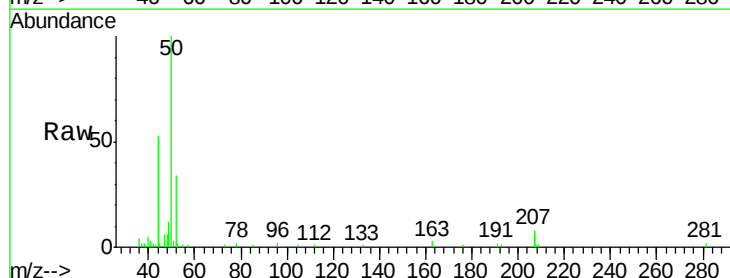
Acq: 06 Jul 2020 13:14

Tgt Ion: 50 Resp: 7612

Ion Ratio Lower Upper

50 100

52 34.1 26.9 40.3



Abundance Ion 49.90 (49.60 to 50.60): VY003108.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY003108.D (-13) (-)

2.12

6000

5000

4000

3000

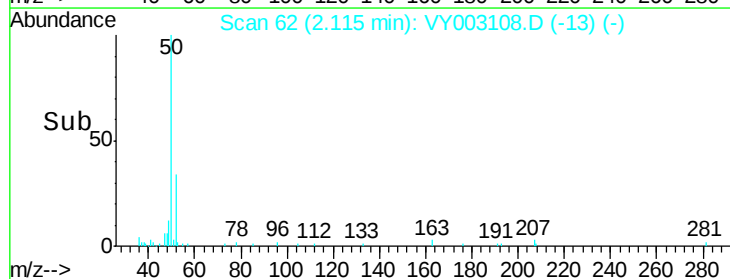
2000

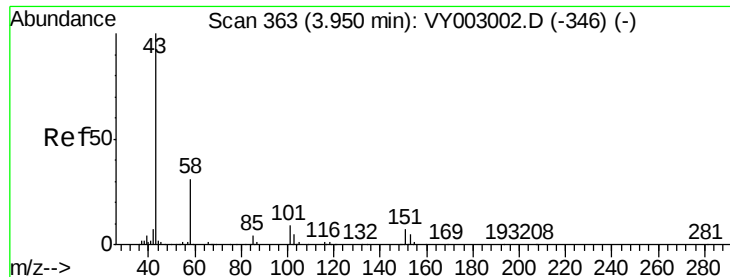
1000

0

2.05 2.10 2.15

Time-->

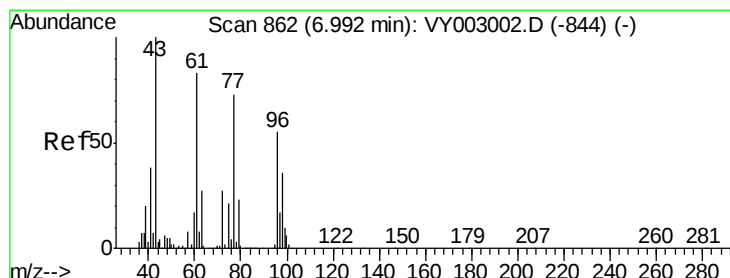
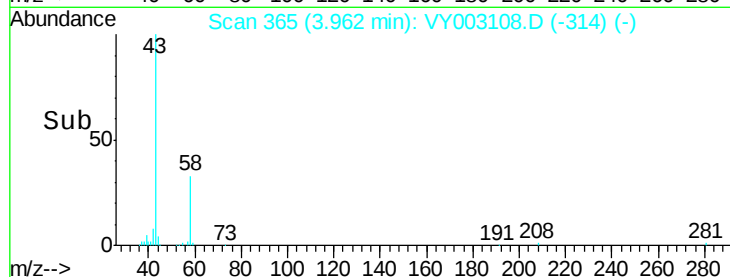
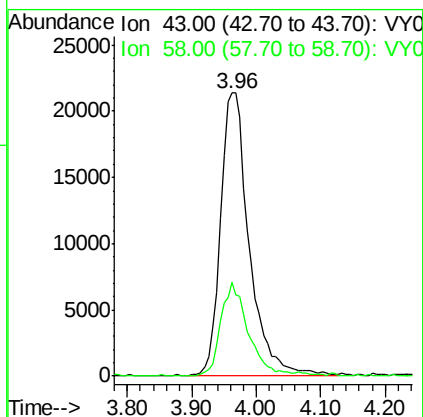
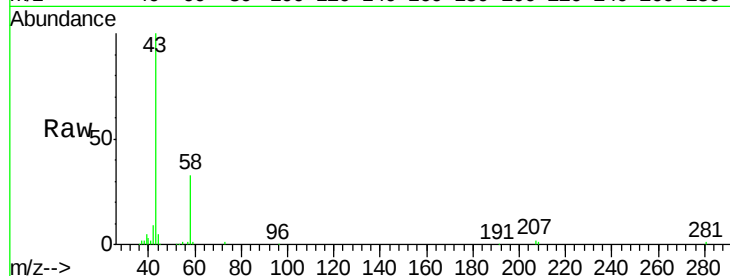




#16
Acetone
Concen: 103.243 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY003108.D
Acq: 06 Jul 2020 13:14

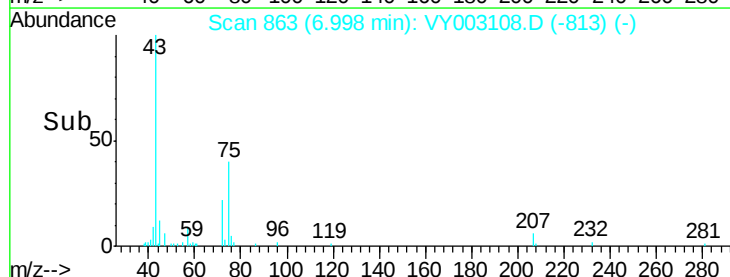
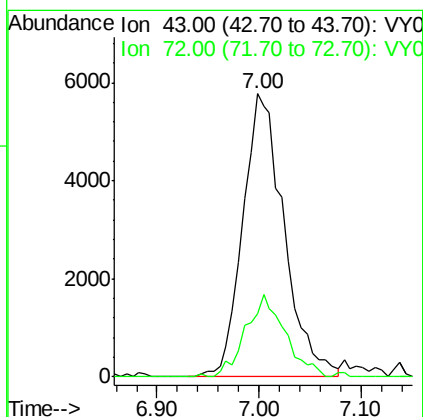
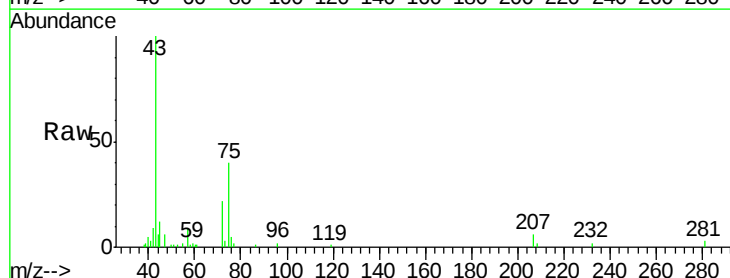
Instrument :
MSVOA_Y
ClientSampleId :
RT-4743

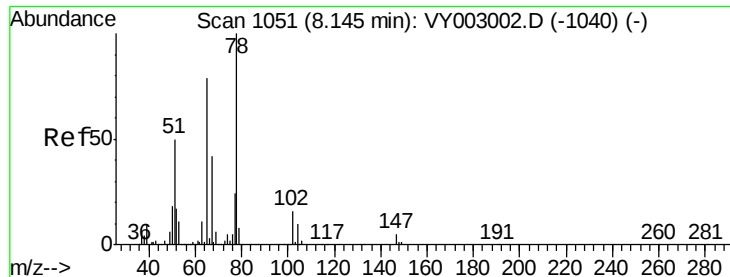
Tot Ion: 43 Resp: 67384
Ion Ratio Lower Upper
43 100
58 33.3 24.7 37.1



#25
2-Butanone
Concen: 15.665 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003108.D
Acq: 06 Jul 2020 13:14

Tgt Ion: 43 Resp: 16241
Ion Ratio Lower Upper
43 100
72 22.2 21.4 32.0

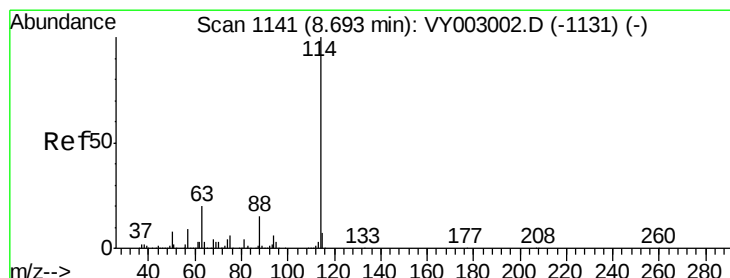
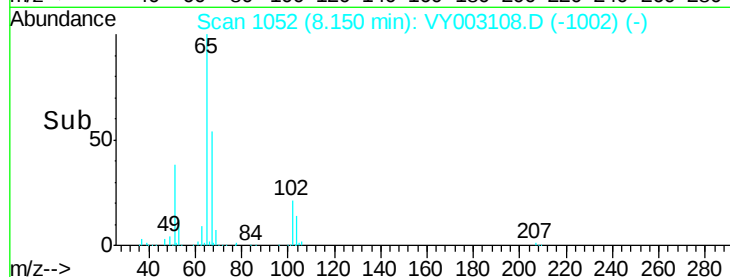
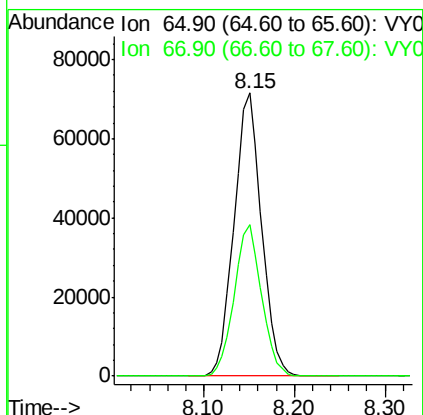
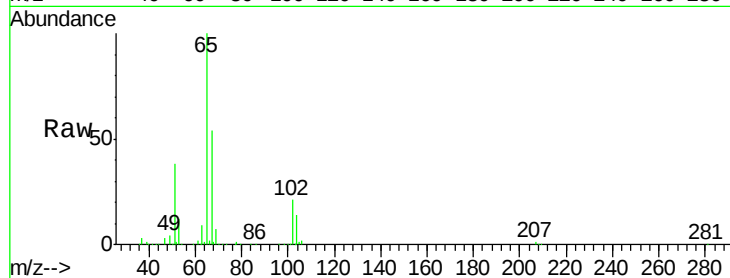




#33
 1,2-Dichloroethane-d4
 Concen: 54.338 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003108.D
 Acq: 06 Jul 2020 13:14

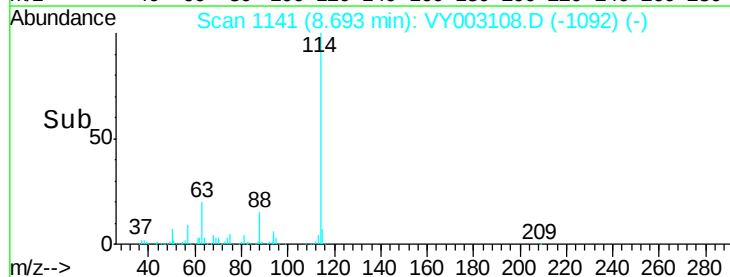
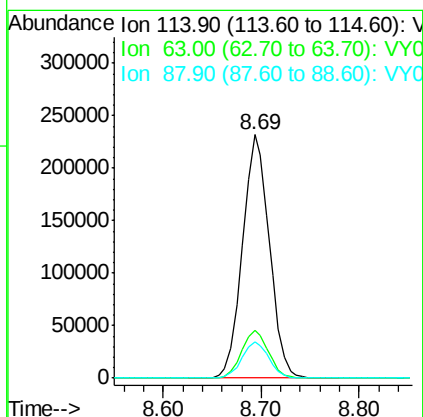
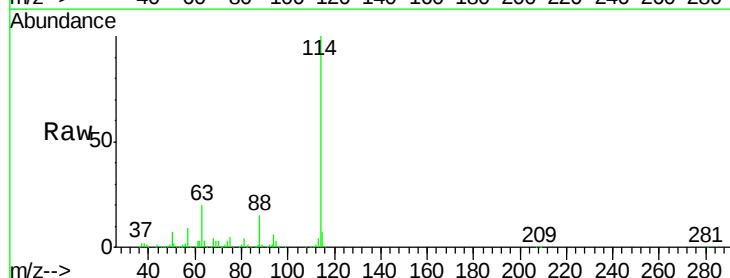
Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-4743

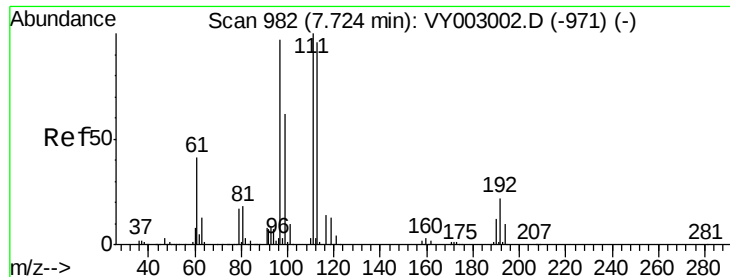
Tot Ion: 65 Resp: 150374
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003108.D
 Acq: 06 Jul 2020 13:14

Tgt Ion: 114 Resp: 440934
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.6
 88 15.0 0.0 30.0

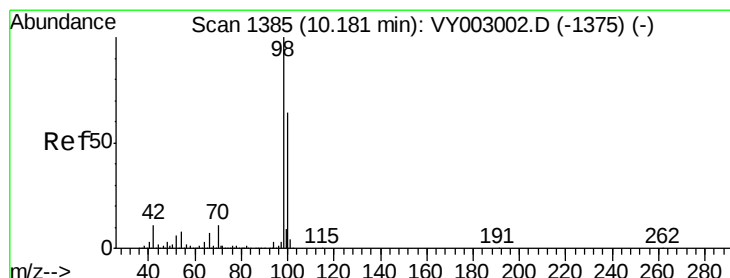
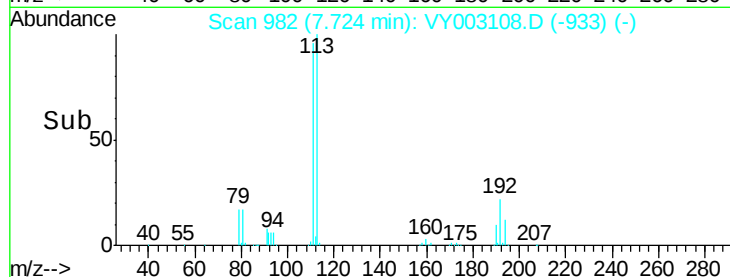
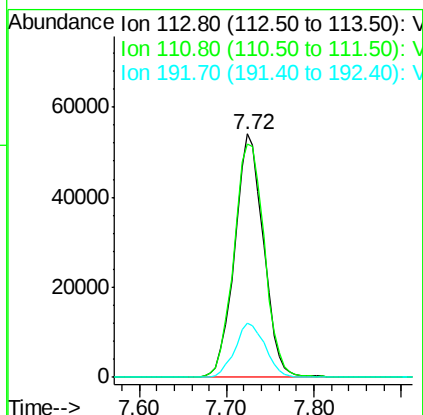
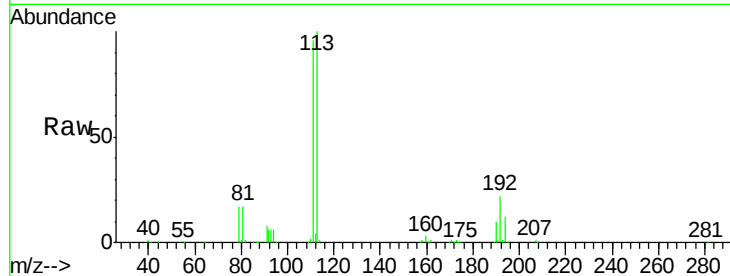




#35
 Dibromofluoromethane
 Concen: 45.117 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003108.D
 Acq: 06 Jul 2020 13:14

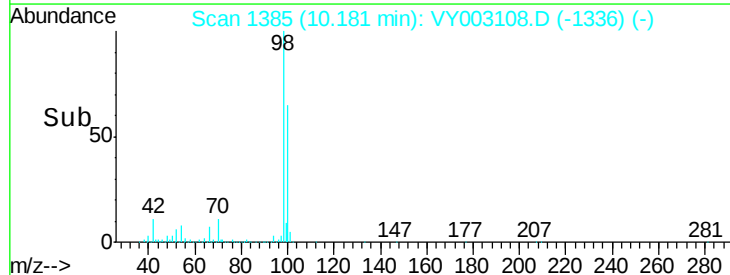
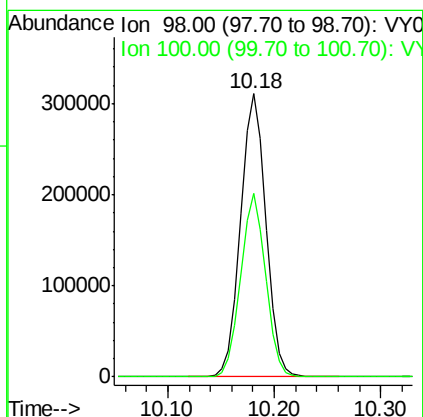
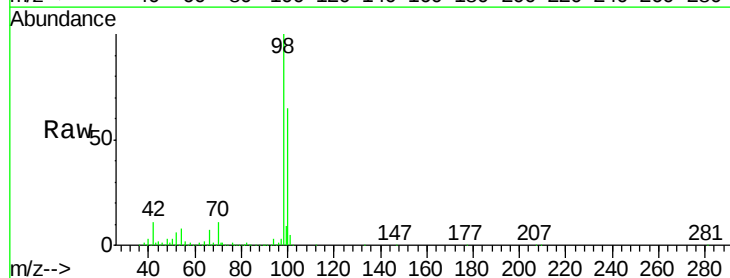
Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-4743

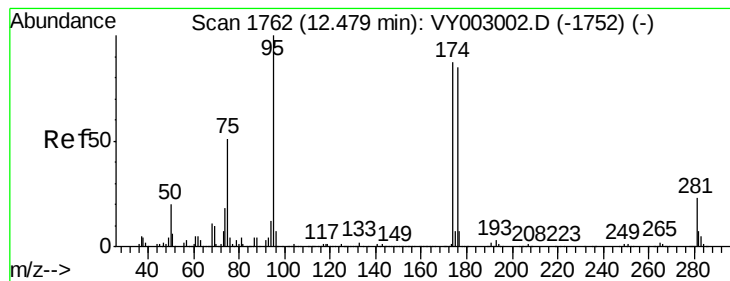
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	123.8
192	23.3	18.1	27.1



#50
 Toluene-d8
 Concen: 50.789 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY003108.D
 Acq: 06 Jul 2020 13:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.1	76.7





#62

4-Bromofluorobenzene

Concen: 46.507 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003108.D

Acq: 06 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampled :

RT-4743

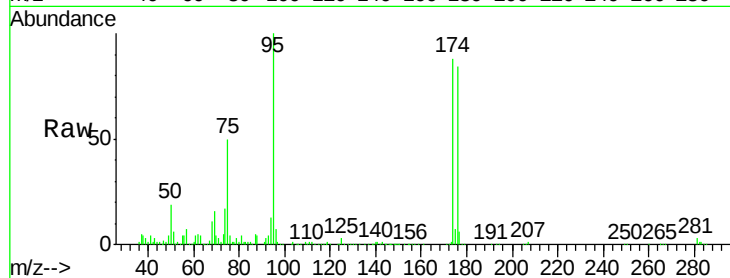
Tot Ion: 95 Resp: 167755

Ion Ratio Lower Upper

95 100

174 92.6 0.0 184.8

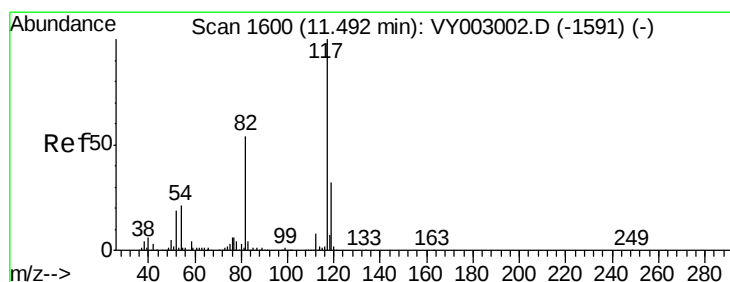
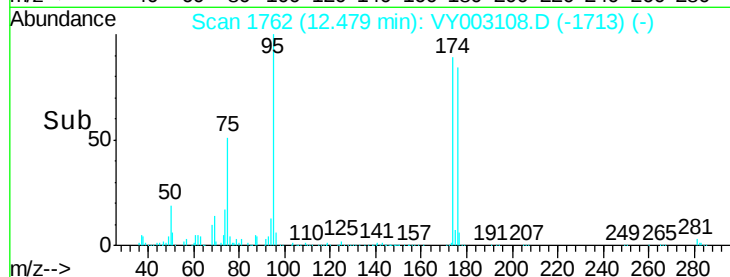
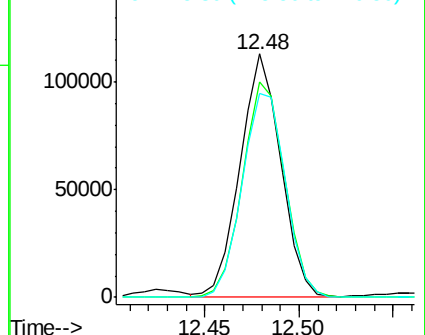
176 90.2 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY003108.D (-1752) (-)

Ion 173.80 (173.50 to 174.50): VY003108.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY003108.D (-1752) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003108.D

Acq: 06 Jul 2020 13:14

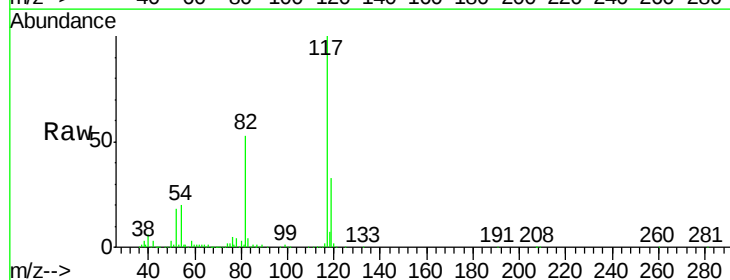
Tgt Ion: 117 Resp: 400619

Ion Ratio Lower Upper

117 100

82 53.1 43.0 64.6

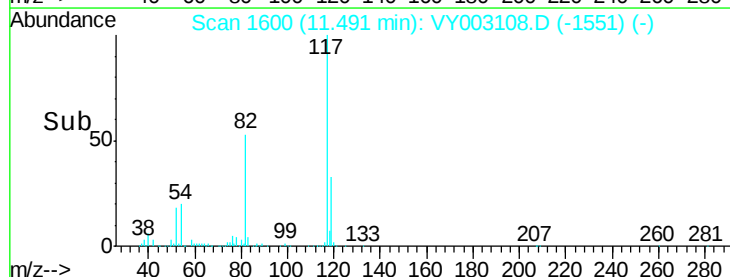
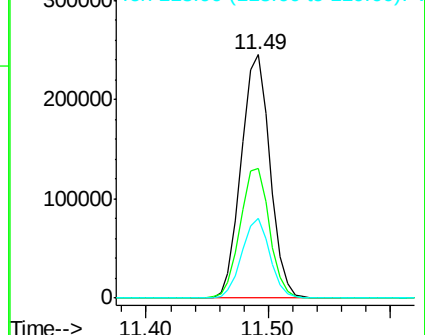
119 32.6 25.8 38.8

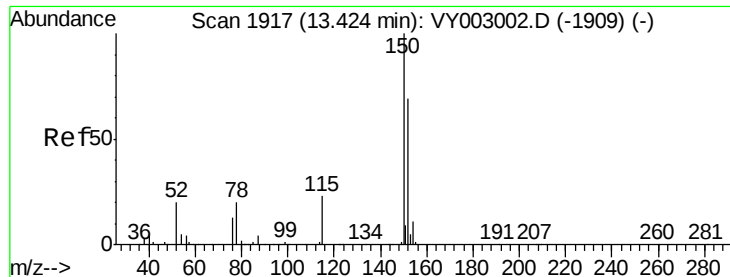


Abundance Ion 116.90 (116.60 to 117.60): VY003108.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY003108.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY003108.D (-1591) (-)



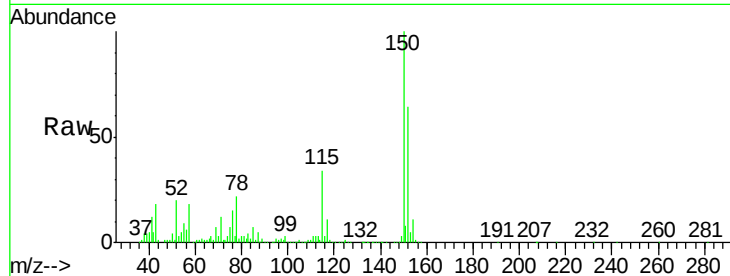


#72

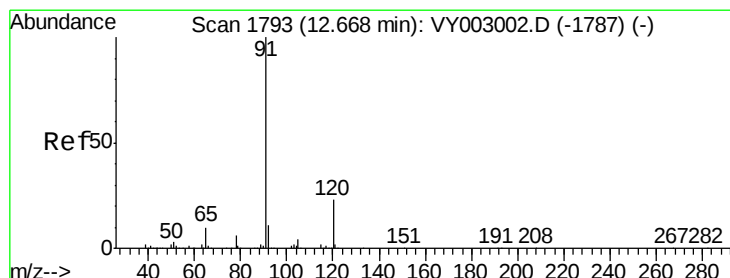
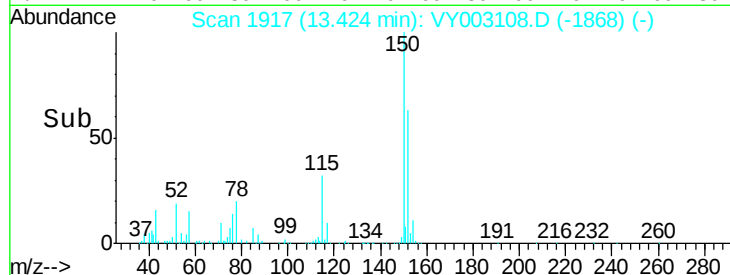
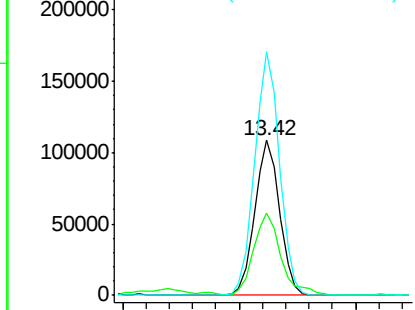
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003108.D
Acq: 06 Jul 2020 13:14

Instrument :
MSVOA_Y
ClientSampleId :
RT-4743

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.2	27.3	81.9
150	156.8	0.0	343.4



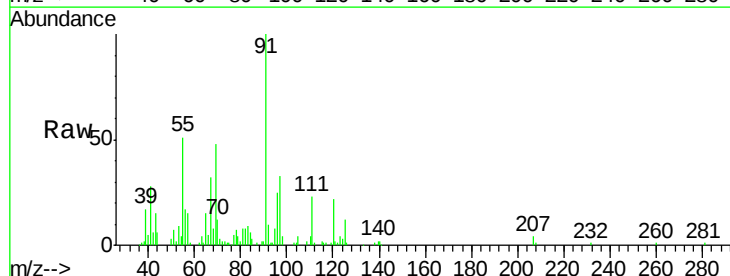
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



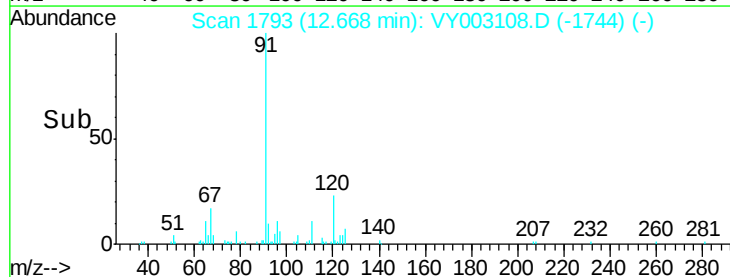
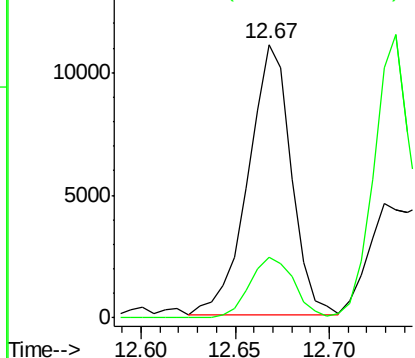
#78

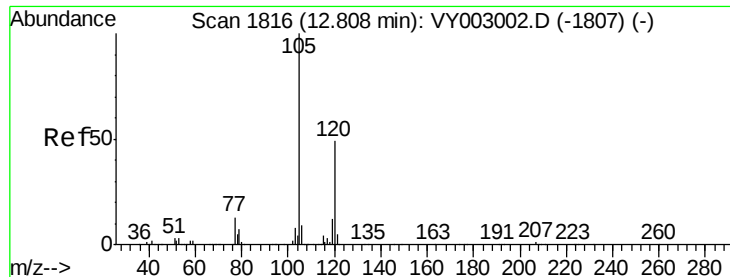
n-propylbenzene
Concen: 1.365 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY003108.D
Acq: 06 Jul 2020 13:14

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.5	34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 8.549 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003108.D

Acq: 06 Jul 2020 13:14

Instrument :

MSVOA_Y

ClientSampleId :

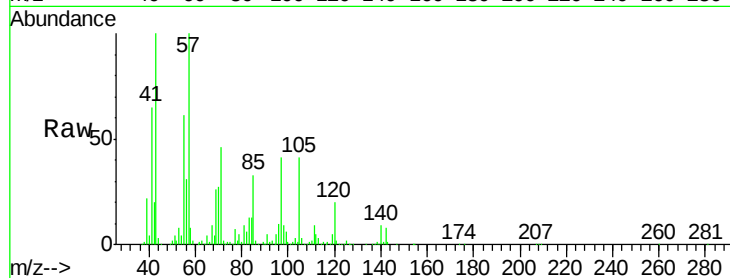
RT-4743

Tot Ion:105 Resp: 76139

Ion Ratio Lower Upper

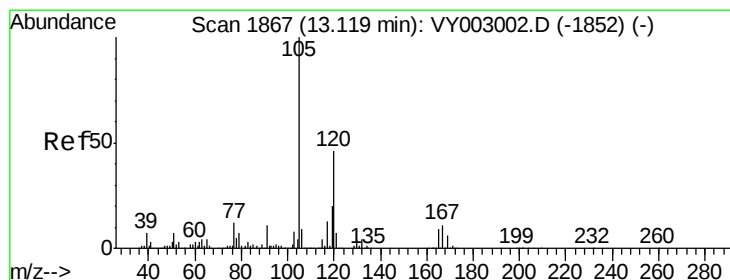
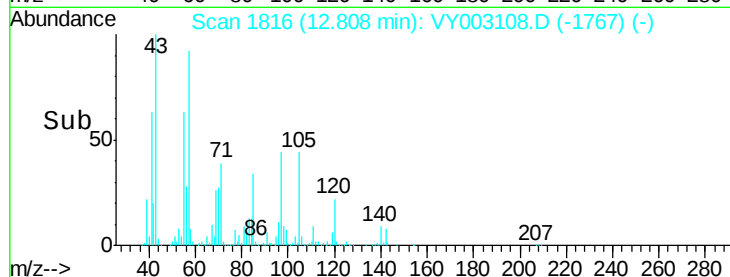
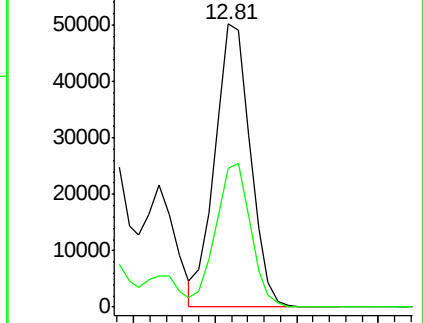
105 100

120 50.0 24.6 73.6



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: 12.865 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003108.D

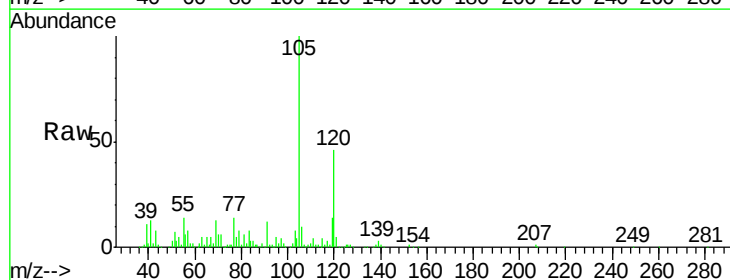
Acq: 06 Jul 2020 13:14

Tgt Ion:105 Resp: 115460

Ion Ratio Lower Upper

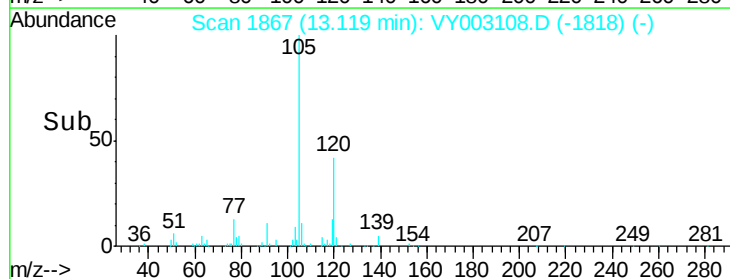
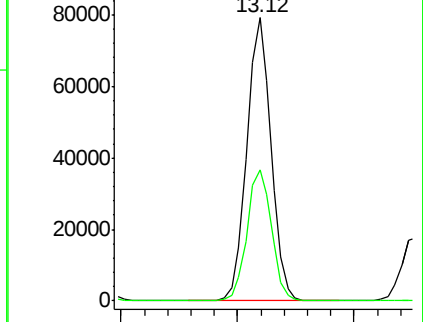
105 100

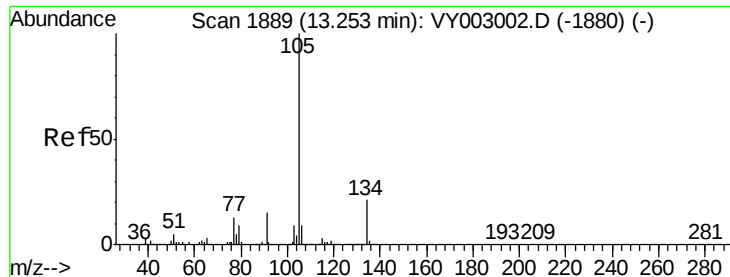
120 46.9 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

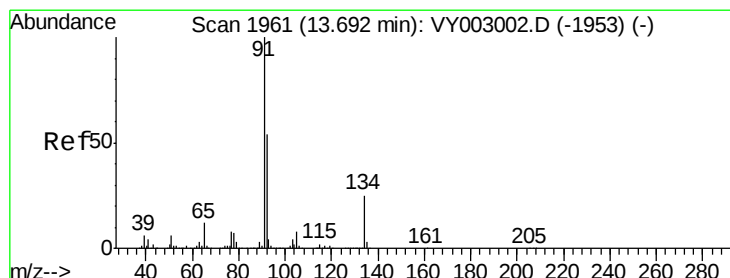
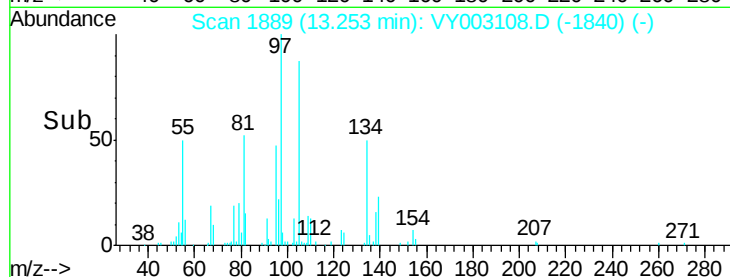
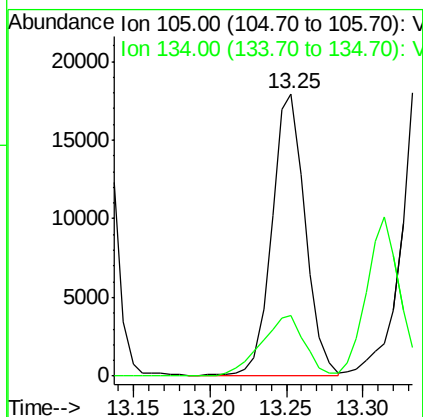
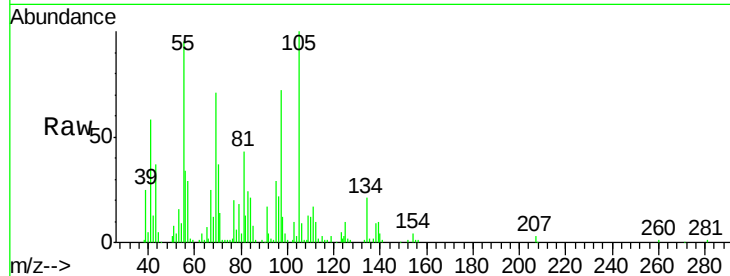




#85
 sec-Butylbenzene
 Concen: 2.519 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY003108.D
 Acq: 06 Jul 2020 13:14

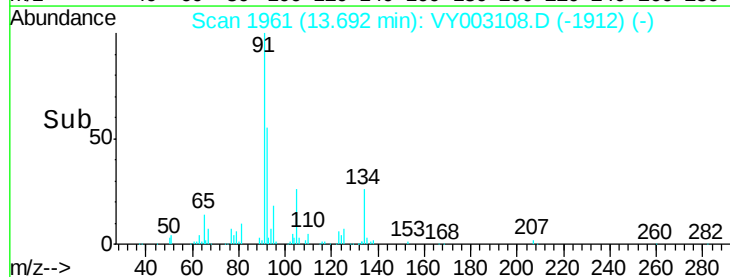
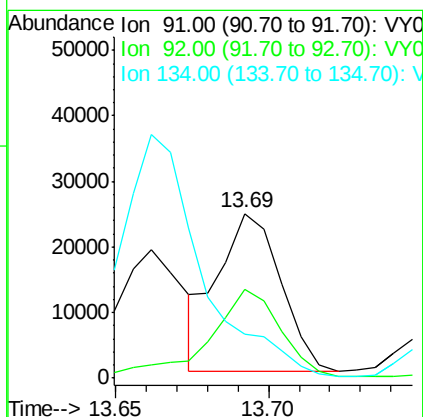
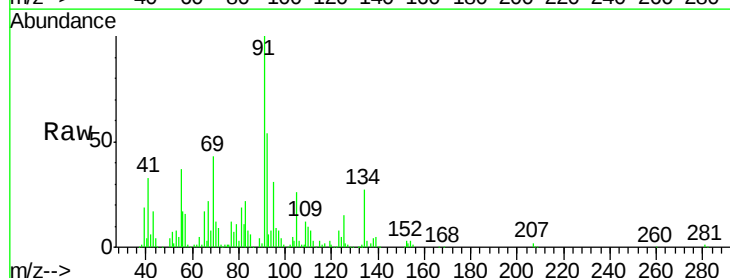
Instrument :
 MSVOA_Y
 ClientSampled :
 RT-4743

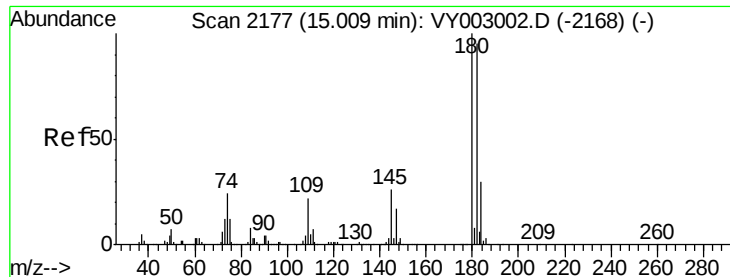
Tot Ion: 105 Resp: 27158
 Ion Ratio Lower Upper
 105 100
 134 27.9 10.4 31.2



#89
 n-Butylbenzene
 Concen: 3.589 ug/l
 RT: 13.69 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: VY003108.D
 Acq: 06 Jul 2020 13:14

Tgt Ion: 91 Resp: 34296
 Ion Ratio Lower Upper
 91 100
 92 63.6 26.8 80.3
 134 0.0 13.1 39.1#

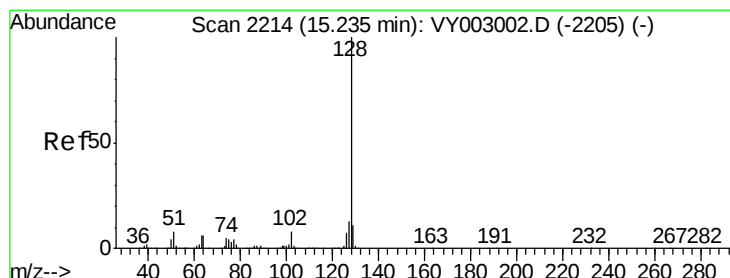
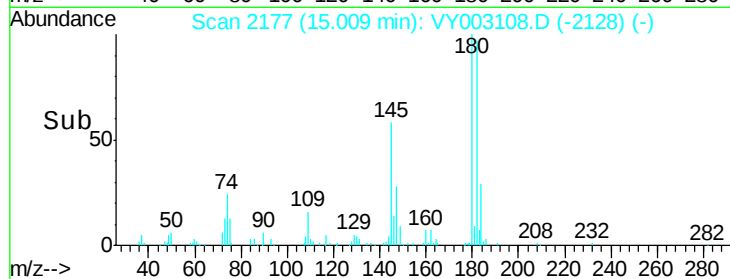
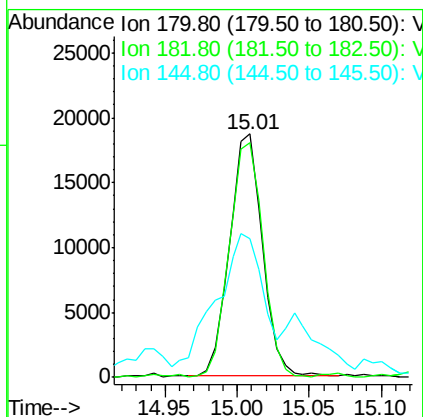
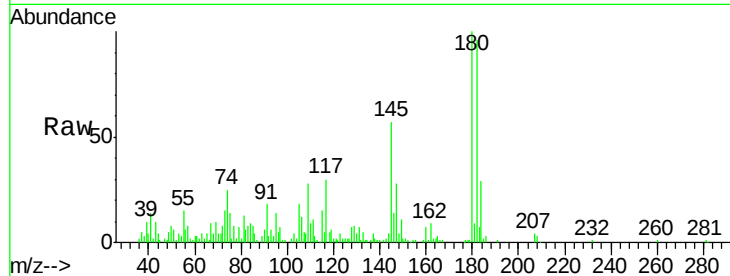




#93
 1,2,4-Trichlorobenzene
 Concen: 8.830 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003108.D
 Acq: 06 Jul 2020 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-4743

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.6	48.1	144.3
145	75.6	13.9	41.6#



#95
 Naphthalene
 Concen: 2.570 ug/l
 RT: 15.23 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: VY003108.D
 Acq: 06 Jul 2020 13:14

Tgt Ion	Ratio	Lower	Upper
128	100		
127	16.4	10.8	16.2#
129	11.2	8.8	13.2

