

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061620\
 Data File : VY002905.D
 Acq On : 16 Jun 2020 13:22
 Operator : SY/MD
 Sample : L2815-06
 Misc : 7.31G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-061520

Quant Time: Jun 17 02:32:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

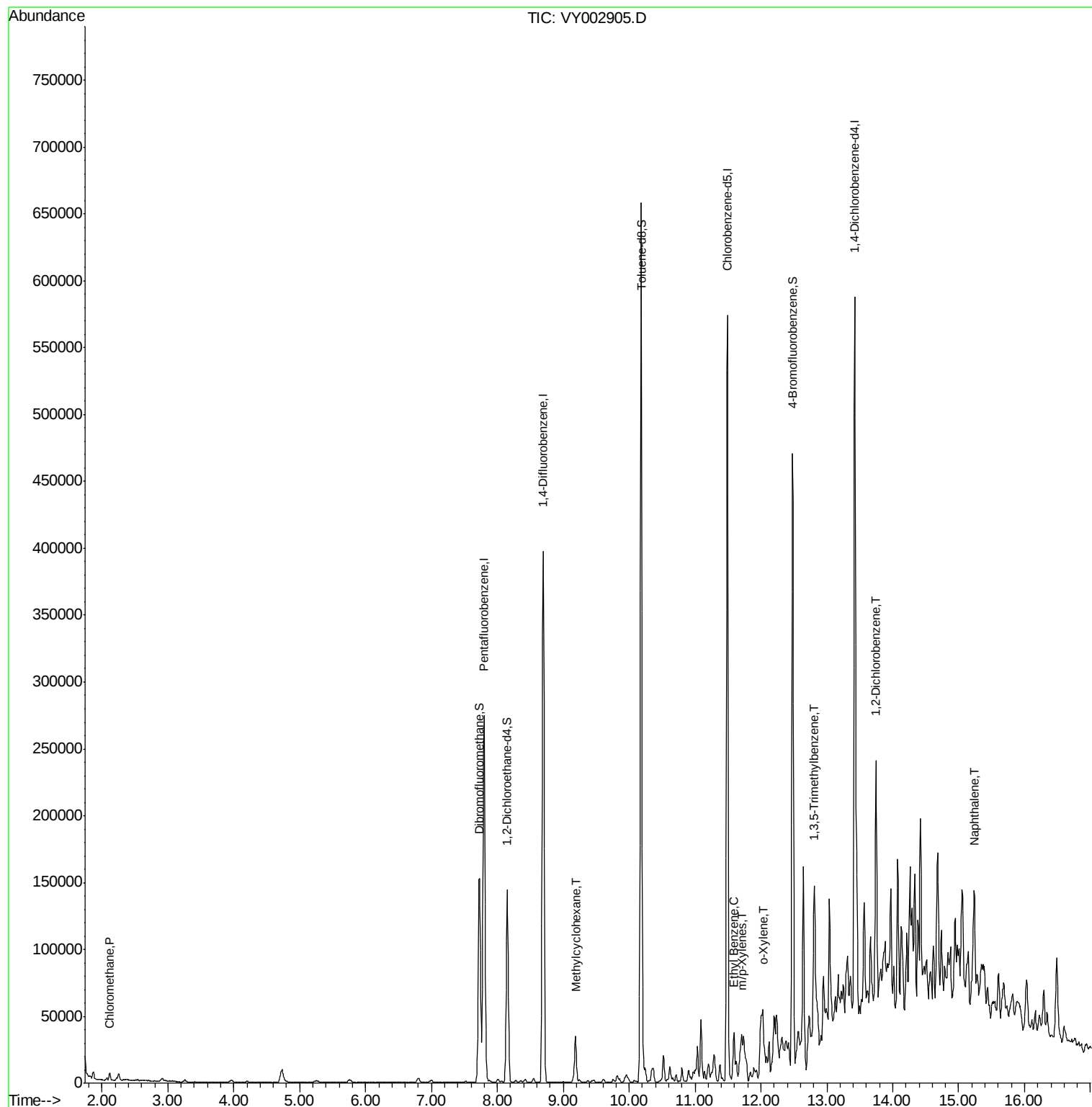
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	224066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	365531	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	332962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	154353	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	108838	55.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.88%	
35) Dibromofluoromethane	7.72	113	110369	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
50) Toluene-d8	10.18	98	425559	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
62) 4-Bromofluorobenzene	12.48	95	137228	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.72%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.12	50	4746	2.783	ug/l	94
39) Methylcyclohexane	9.19	83	14963	3.687	ug/l	93
67) Ethyl Benzene	11.60	91	23332	2.045	ug/l	97
68) m/p-Xylenes	11.70	106	6404	1.448	ug/l	97
69) o-Xylene	12.03	106	10341	2.476	ug/l	93
80) 1,3,5-Trimethylbenzene	12.81	105	26481	3.206	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	6582	1.488	ug/l #	33
95) Naphthalene	15.23	128	71850	10.745	ug/l	99

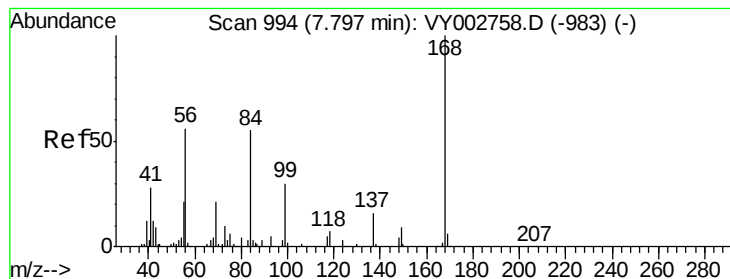
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 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: VY002905.D

Acq: 16 Jun 2020 13:22

Instrument :

MSVOA_Y

ClientSampled :

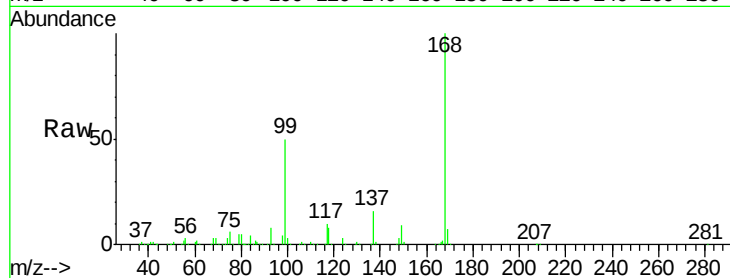
OR-03-061520

Tot Ion:168 Resp: 224066

Ion Ratio Lower Upper

168 100

99 49.5 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

100000

80000

60000

40000

20000

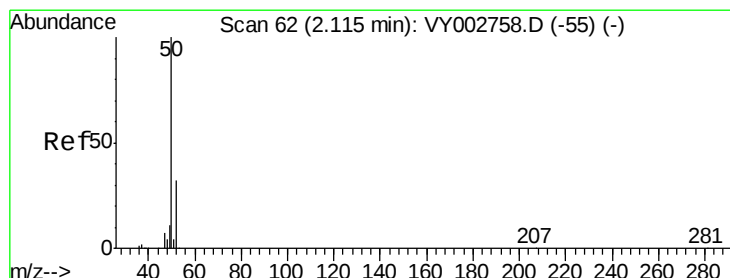
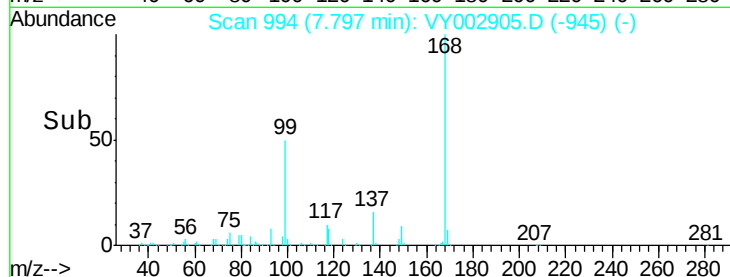
0

7.70

7.80

7.90

Time-->



#3

Chloromethane

Concen: 2.783 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002905.D

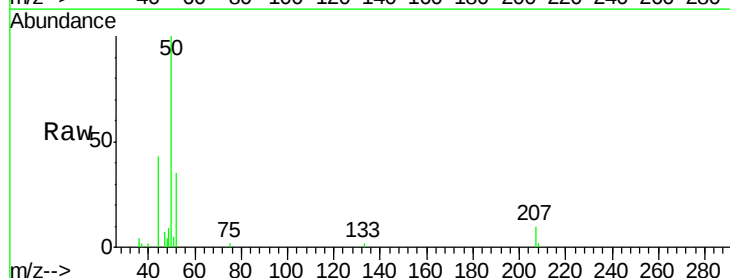
Acq: 16 Jun 2020 13:22

Tgt Ion: 50 Resp: 4746

Ion Ratio Lower Upper

50 100

52 35.3 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY002758.D (-55) (-)

Ion 51.90 (51.60 to 52.60): VY002758.D (-55) (-)

2.12

4000

3000

2000

1000

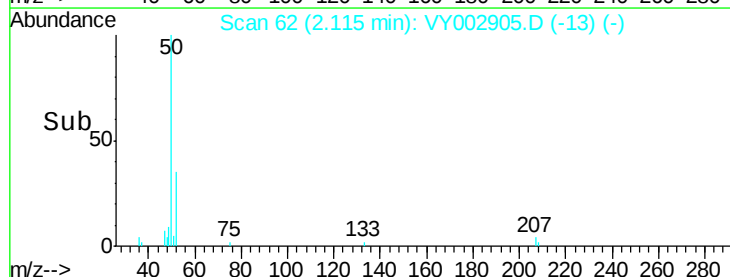
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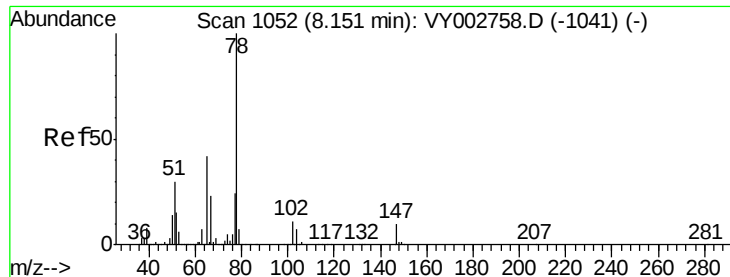
2.05

2.10

2.15

Time-->

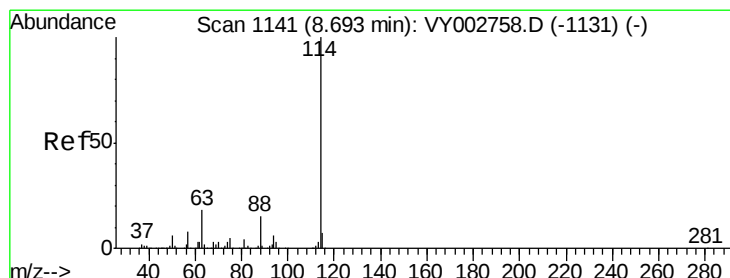
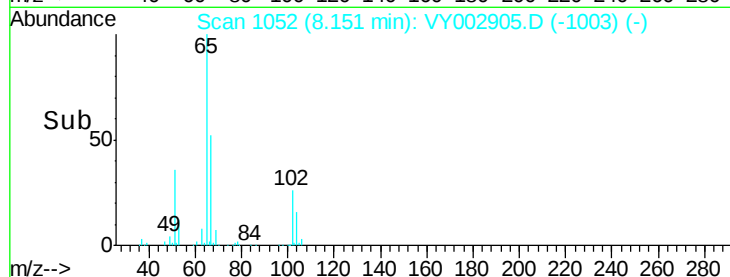
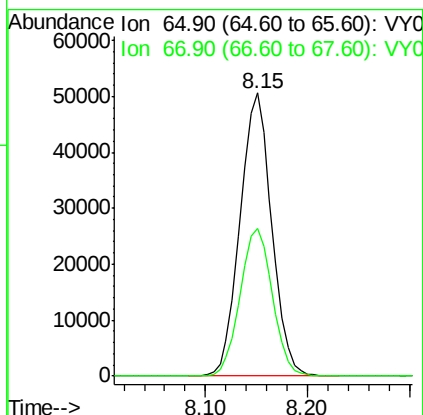
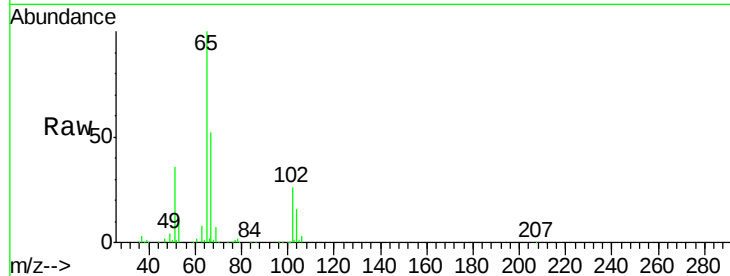




#33
 1,2-Dichloroethane-d4
 Concen: 55.943 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002905.D
 Acq: 16 Jun 2020 13:22

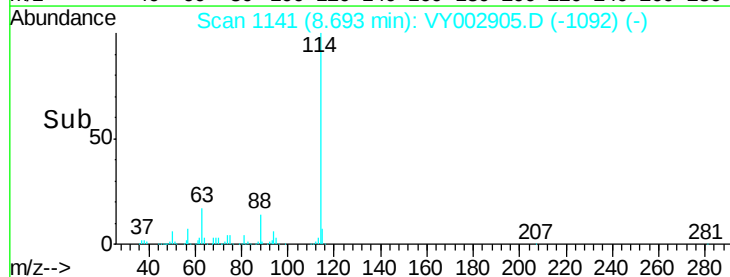
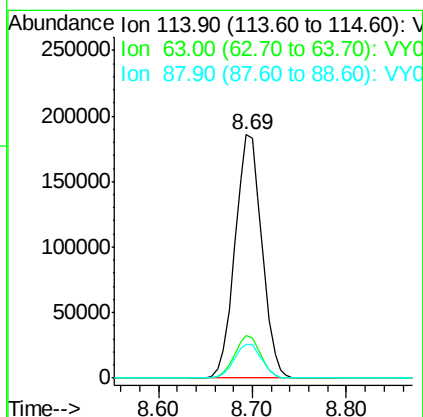
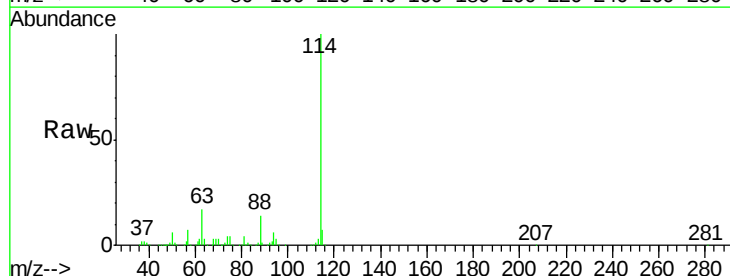
Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-061520

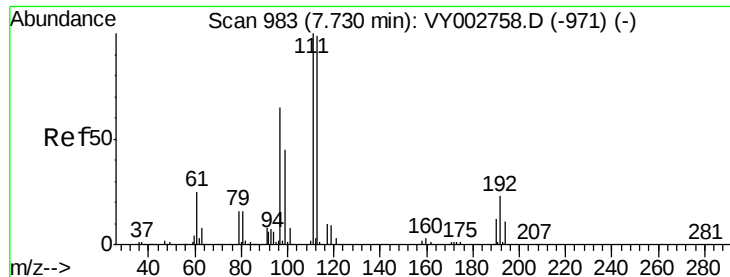
Tot Ion: 65 Resp: 108838
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002905.D
 Acq: 16 Jun 2020 13:22

Tgt Ion: 114 Resp: 365531
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.2
 88 13.7 0.0 29.2





#35

Dibromofluoromethane

Concen: 51.521 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002905.D

Acq: 16 Jun 2020 13:22

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-061520

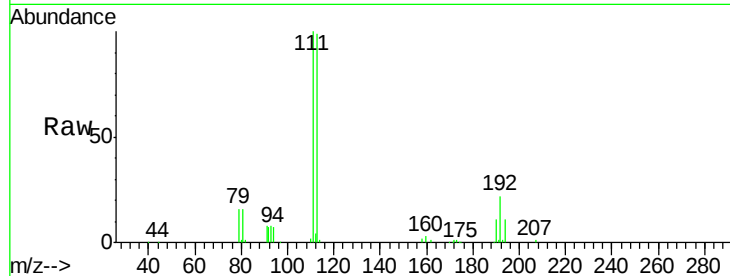
Tot Ion:113 Resp: 110369

Ion Ratio Lower Upper

113 100

111 103.8 82.0 123.0

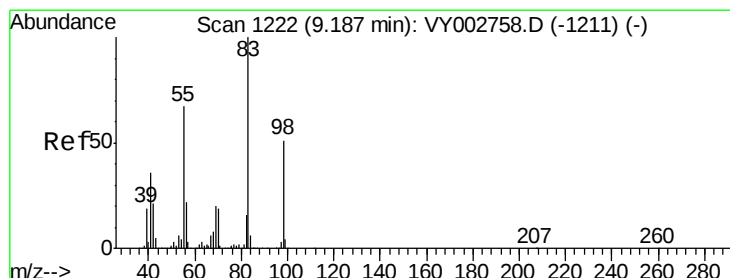
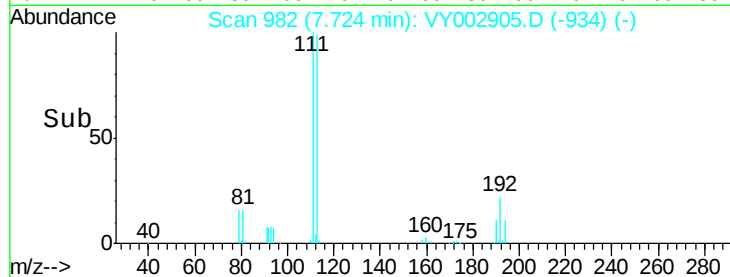
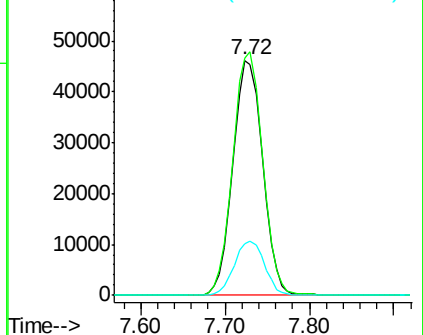
192 23.3 18.9 28.3



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



#39

Methylcyclohexane

Concen: 3.687 ug/l

RT: 9.19 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VY002905.D

Acq: 16 Jun 2020 13:22

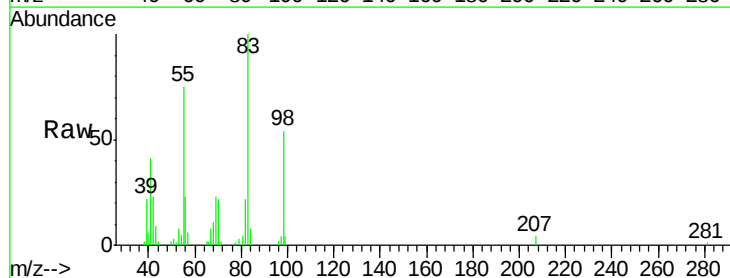
Tgt Ion: 83 Resp: 14963

Ion Ratio Lower Upper

83 100

55 74.7 53.3 79.9

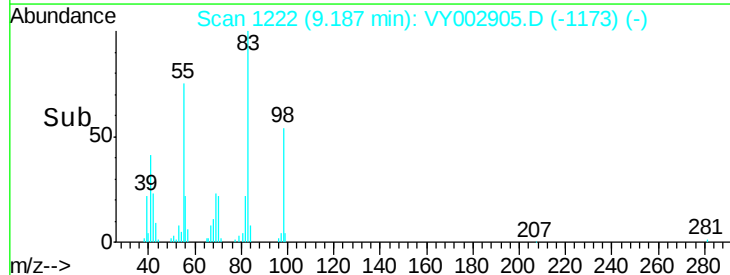
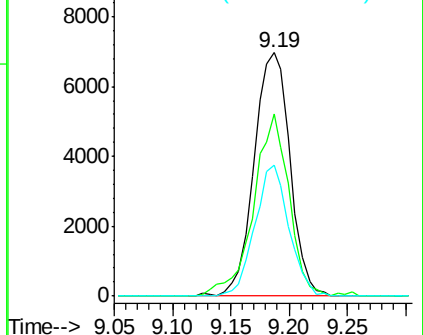
98 53.8 41.1 61.7

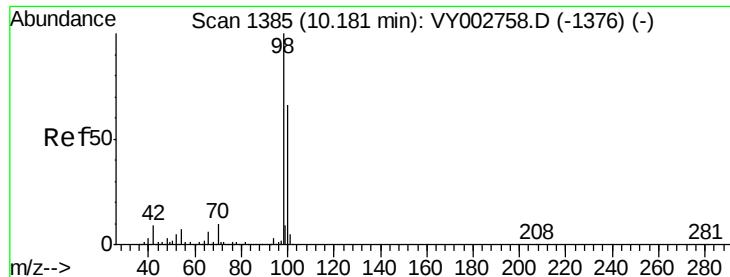


Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0





#50

Toluene-d8

Concen: 49.132 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002905.D

Acq: 16 Jun 2020 13:22

Instrument :

MSVOA_Y

ClientSampleId :

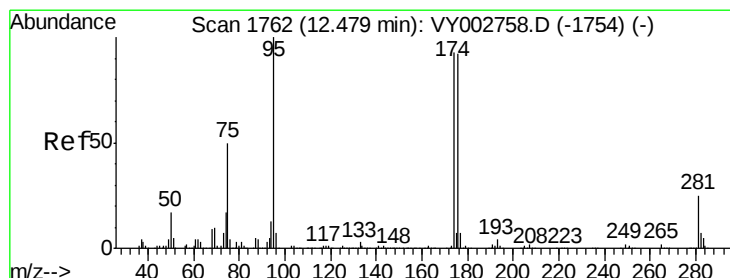
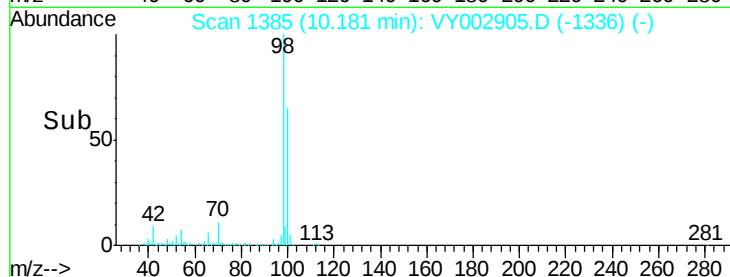
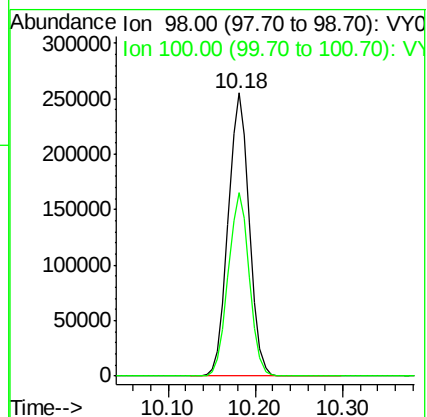
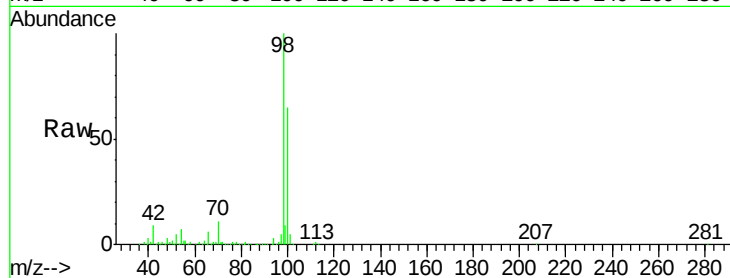
OR-03-061520

Tot Ion: 98 Resp: 425559

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 46.360 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002905.D

Acq: 16 Jun 2020 13:22

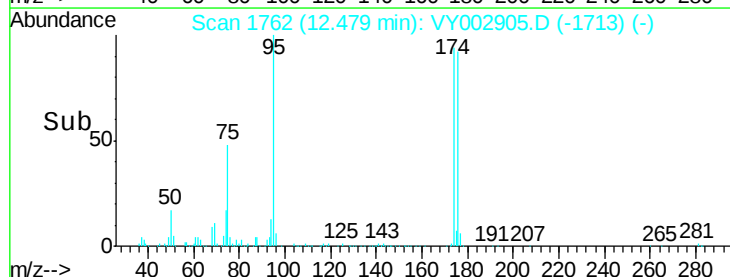
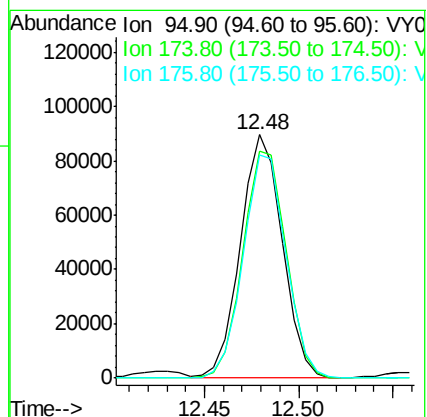
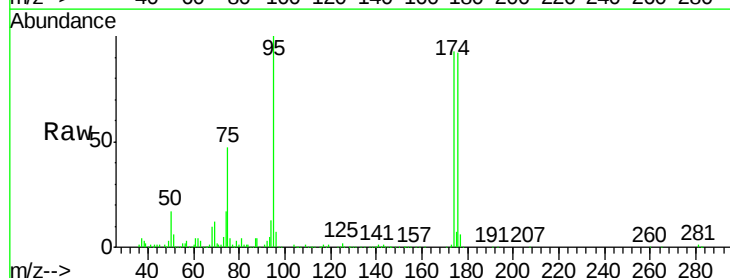
Tgt Ion: 95 Resp: 137228

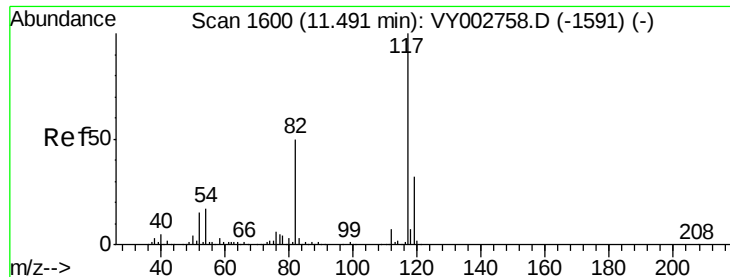
Ion Ratio Lower Upper

95 100

174 96.6 0.0 191.2

176 94.3 0.0 188.8

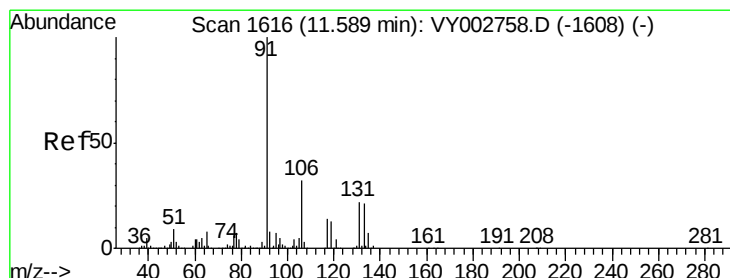
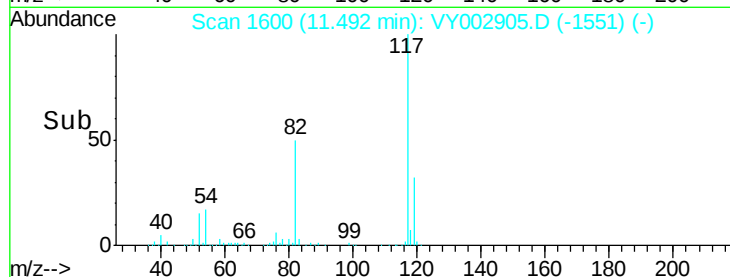
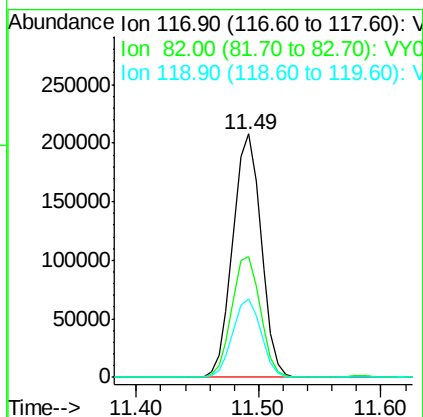
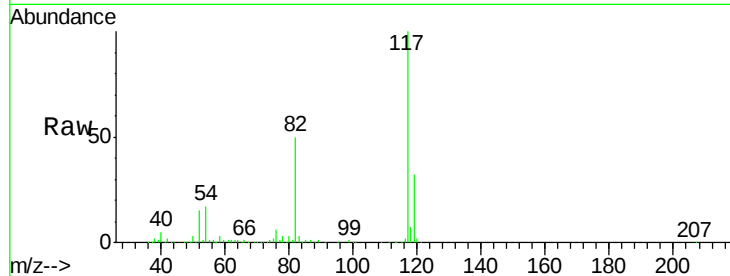




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

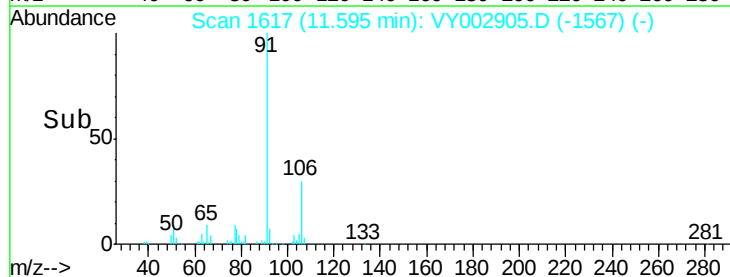
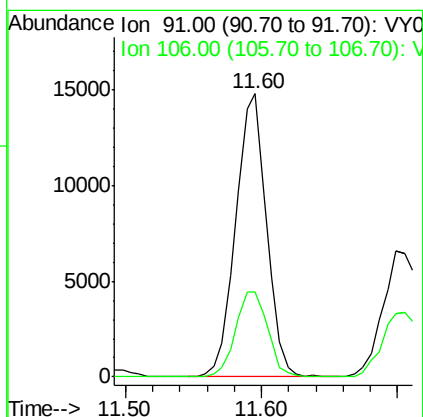
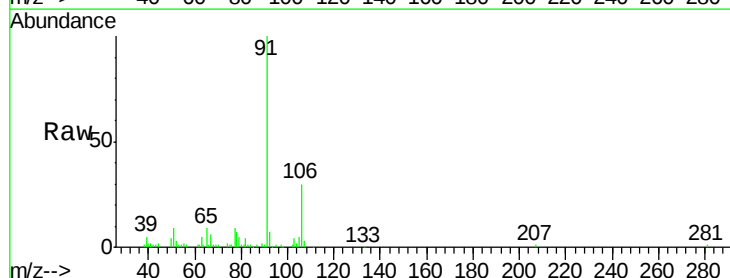
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-061520

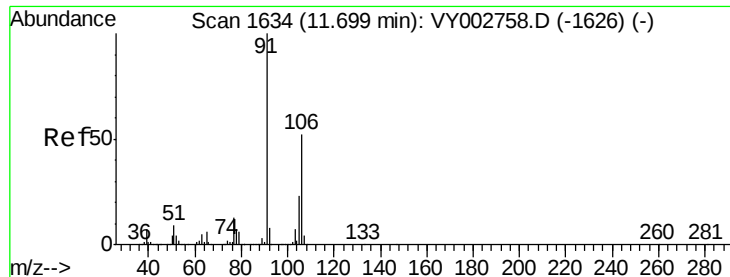
Tot Ion:117 Resp: 332962
Ion Ratio Lower Upper
117 100
82 49.5 40.2 60.4
119 32.4 25.8 38.8



#67
Ethyl Benzene
Concen: 2.045 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Tgt Ion: 91 Resp: 23332
Ion Ratio Lower Upper
91 100
106 30.2 25.7 38.5





#68

m/p-Xylenes

Concen: 1.448 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY002905.D

Acq: 16 Jun 2020 13:22

Instrument :

MSVOA_Y

ClientSampleId :

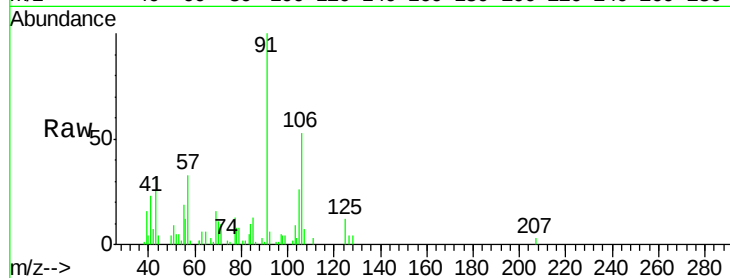
OR-03-061520

Tot Ion:106 Resp: 6404

Ion Ratio Lower Upper

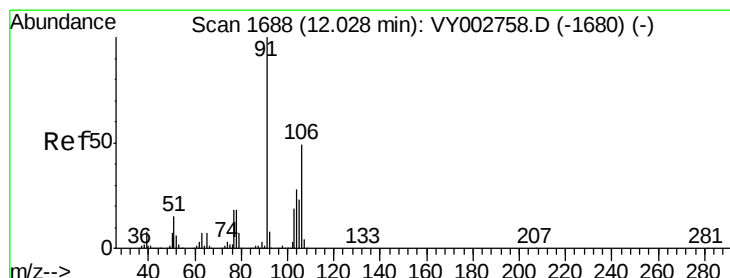
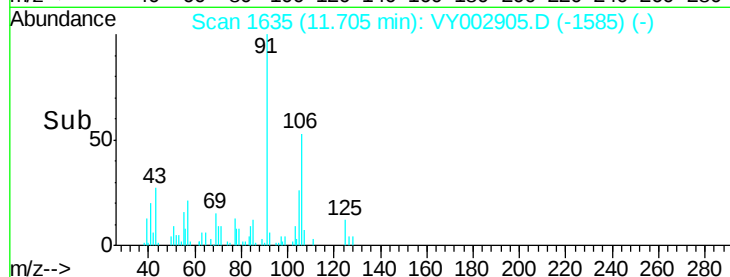
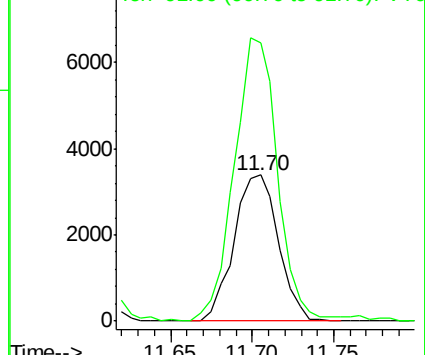
106 100

91 190.8 156.0 234.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#69

o-Xylene

Concen: 2.476 ug/l

RT: 12.03 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VY002905.D

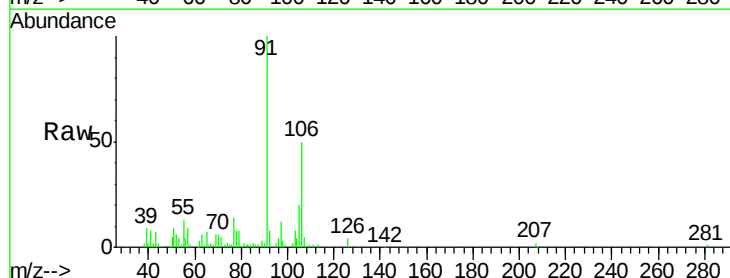
Acq: 16 Jun 2020 13:22

Tgt Ion:106 Resp: 10341

Ion Ratio Lower Upper

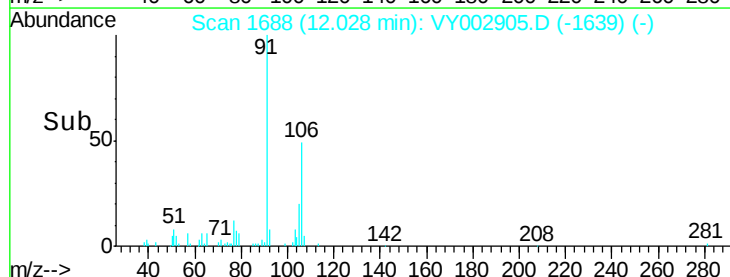
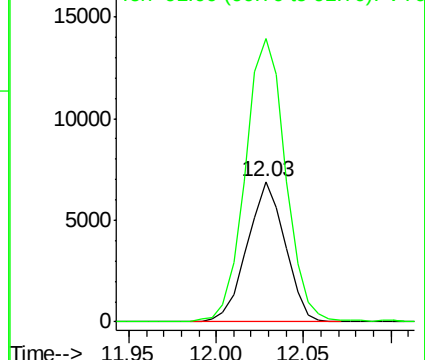
106 100

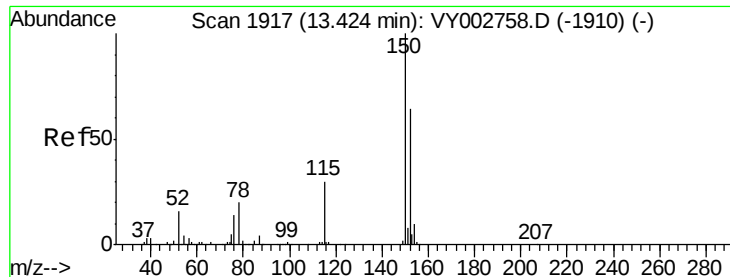
91 215.8 102.4 307.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



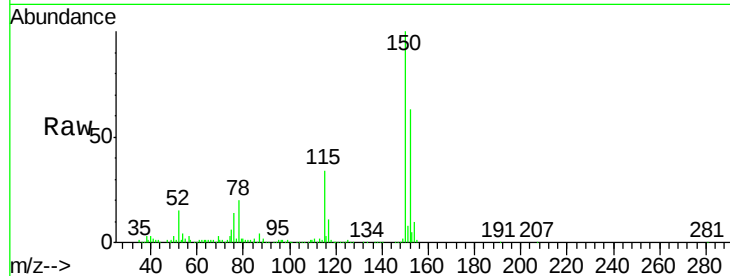


#72

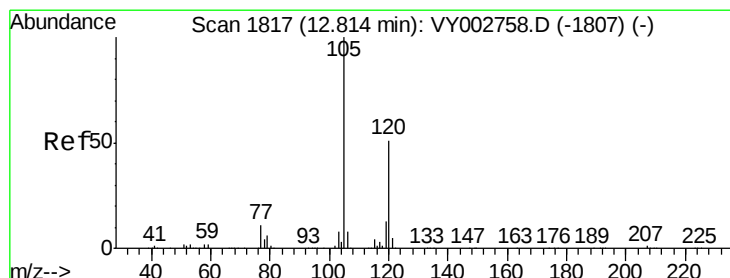
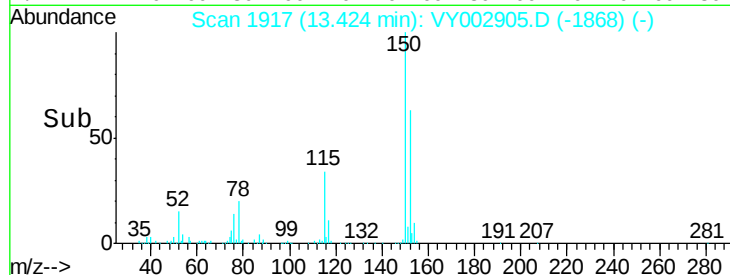
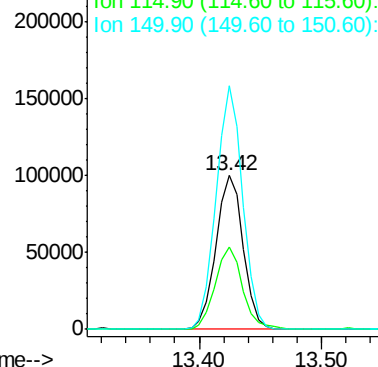
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-061520

Tot Ion:152 Resp: 154353
Ion Ratio Lower Upper
152 100
115 54.0 27.0 81.0
150 153.8 0.0 344.8



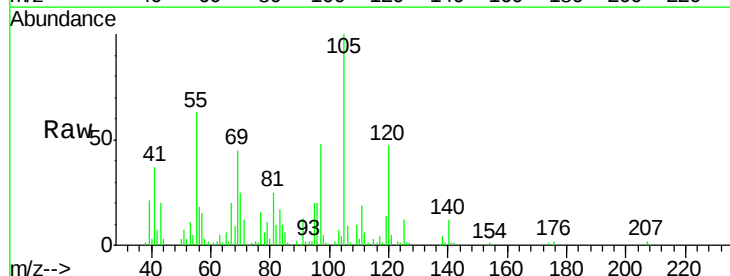
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



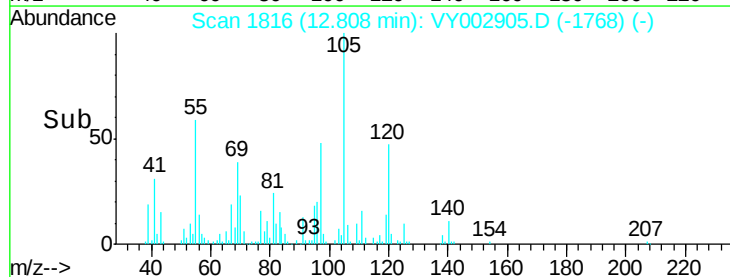
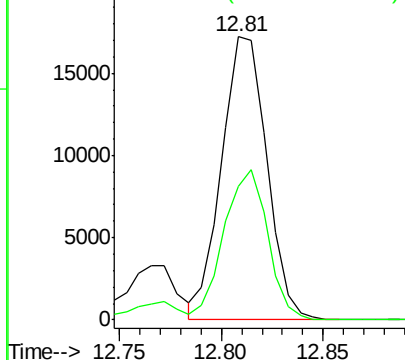
#80

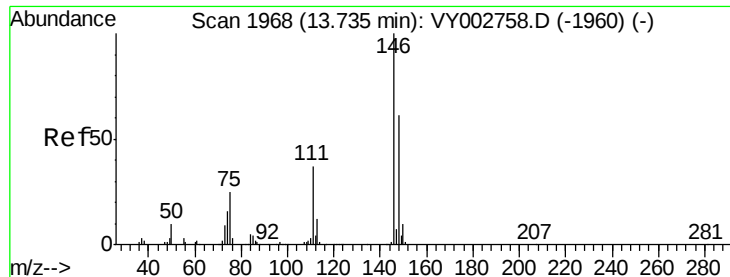
1,3,5-Trimethylbenzene
Concen: 3.206 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.01 min
Lab File: VY002905.D
Acq: 16 Jun 2020 13:22

Tgt Ion:105 Resp: 26481
Ion Ratio Lower Upper
105 100
120 51.5 25.3 75.8



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





#91

1,2-Dichlorobenzene

Concen: 1.488 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY002905.D

Acq: 16 Jun 2020 13:22

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-061520

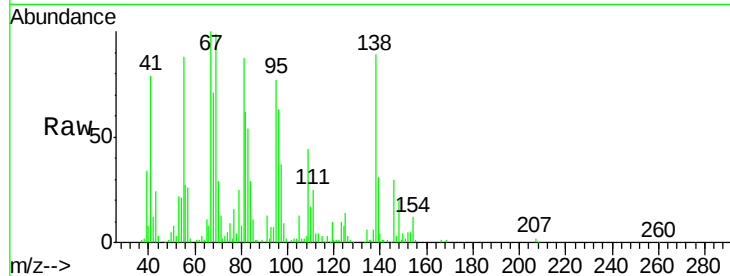
Tot Ion:146 Resp: 6582

Ion Ratio Lower Upper

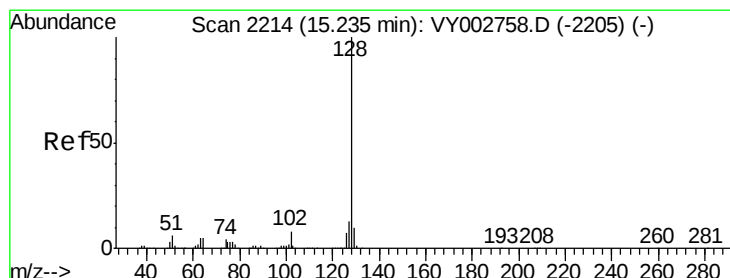
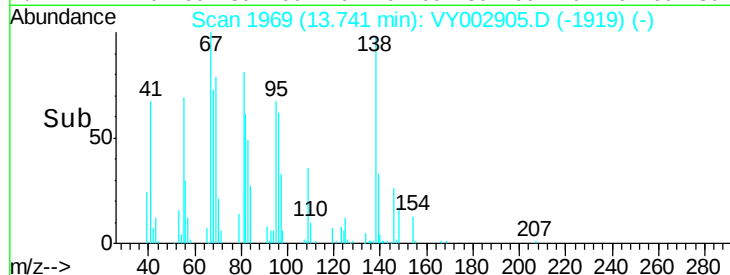
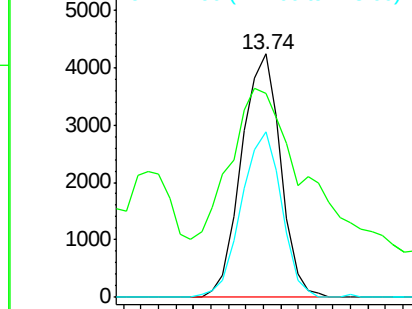
146 100

111 138.9 18.9 56.9#

148 69.5 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#95

Naphthalene

Concen: 10.745 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY002905.D

Acq: 16 Jun 2020 13:22

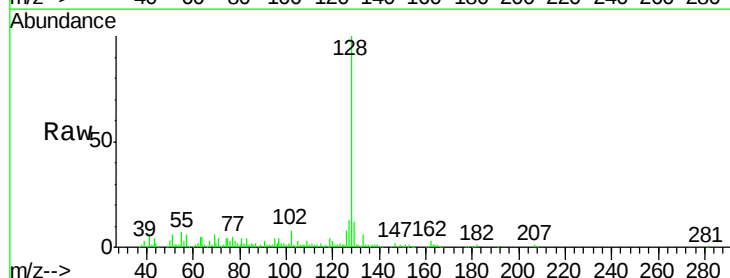
Tgt Ion:128 Resp: 71850

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 11.6 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

