

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
 Data File : VY001274.D
 Acq On : 17 Jan 2020 18:40
 Operator : SY/MD
 Sample : L1017-04
 Misc : 8.92G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-011520

Quant Time: Jan 18 04:29:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

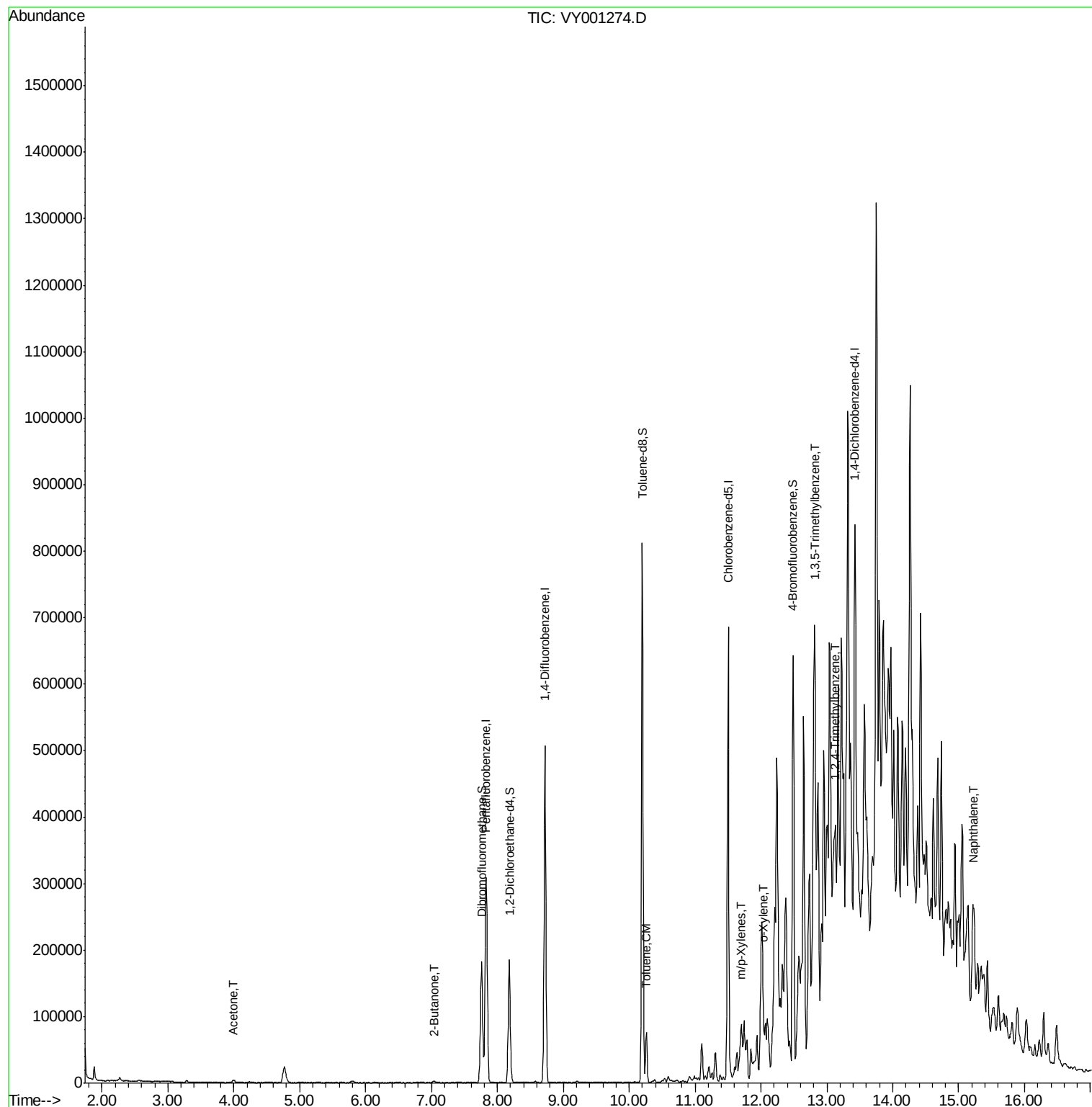
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	245259	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.72	114	452091	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.50	117	385846	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.43	152	159299	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	136262	52.60	ug/l	0.03
Spiked Amount 50.000			Recovery	=	105.20%	
35) Dibromofluoromethane	7.76	113	134662	50.87	ug/l	0.04
Spiked Amount 50.000			Recovery	=	101.74%	
50) Toluene-d8	10.20	98	524517	51.43	ug/l	0.02
Spiked Amount 50.000			Recovery	=	102.86%	
62) 4-Bromofluorobenzene	12.49	95	191889	46.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.04%	
Target Compounds						
16) Acetone	4.00	43	7548	12.547	ug/l	97
25) 2-Butanone	7.04	43	2202	2.352	ug/l #	89
52) Toluene	10.27	92	33195	4.327	ug/l	99
68) m/p-Xylenes	11.71	106	18347	3.448	ug/l	99
69) o-Xylene	12.03	106	8066	1.581	ug/l	96
80) 1,3,5-Trimethylbenzene	12.82	105	13318	1.333	ug/l	96
84) 1,2,4-Trimethylbenzene	13.13	105	51232	5.163	ug/l	97
95) Naphthalene	15.23	128	111193	15.586	ug/l	98

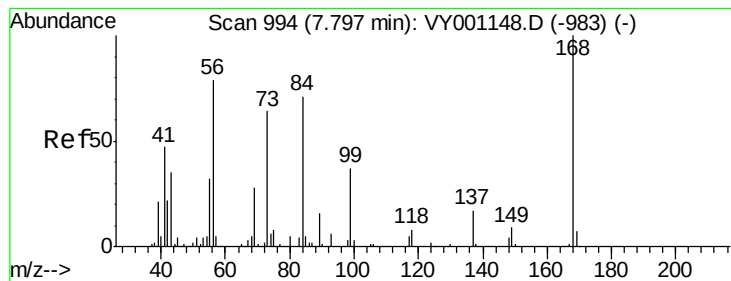
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.03 min

Lab File: VY001274.D

Acq: 17 Jan 2020 18:40

Instrument :

MSVOA_Y

ClientSampleId :

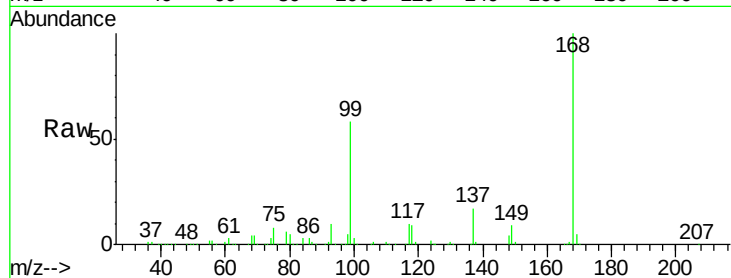
TR-05-011520

Tot Ion:168 Resp: 245259

Ion Ratio Lower Upper

168 100

99 58.5 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.83

120000

100000

80000

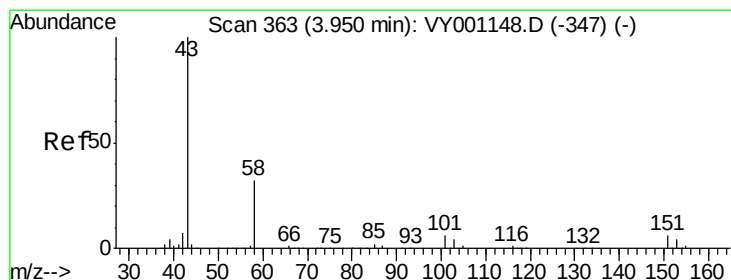
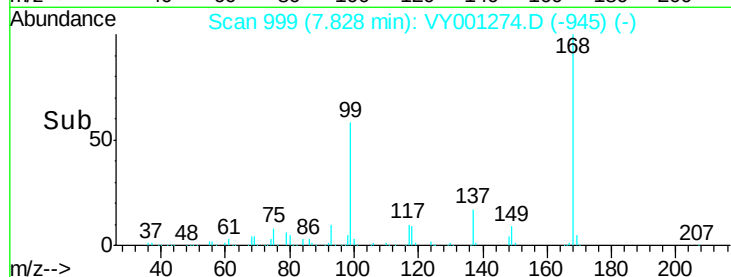
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#16

Acetone

Concen: 12.547 ug/l

RT: 4.00 min Scan# 371

Delta R.T. 0.05 min

Lab File: VY001274.D

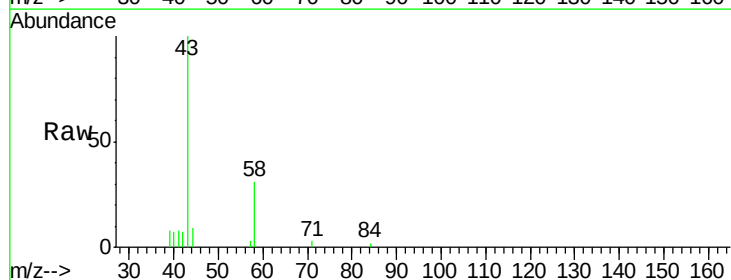
Acq: 17 Jan 2020 18:40

Tgt Ion: 43 Resp: 7548

Ion Ratio Lower Upper

43 100

58 30.6 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001148.D (-347) (-)

4.00

3000

2500

2000

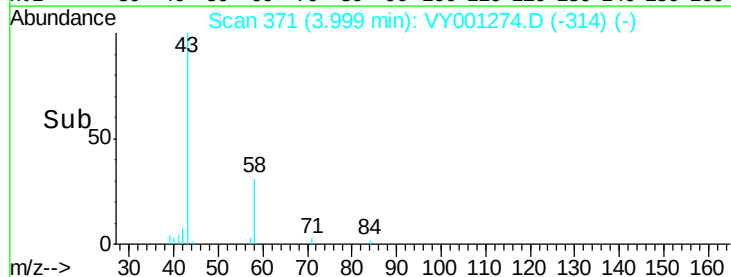
1500

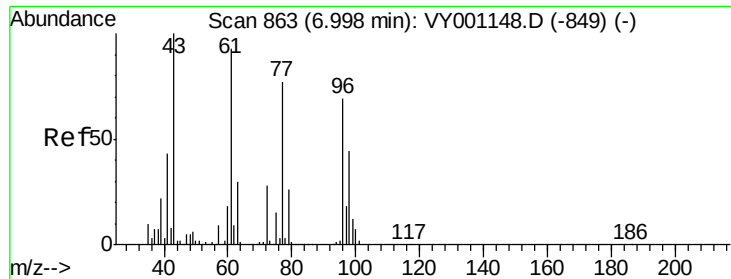
1000

500

0

Time--> 3.90 3.95 4.00 4.05





#25

2-Butanone

Concen: 2.352 ug/l

RT: 7.04 min Scan# 870

Delta R.T. 0.04 min

Lab File: VY001274.D

Acq: 17 Jan 2020 18:40

Instrument :

MSVOA_Y

ClientSampleId :

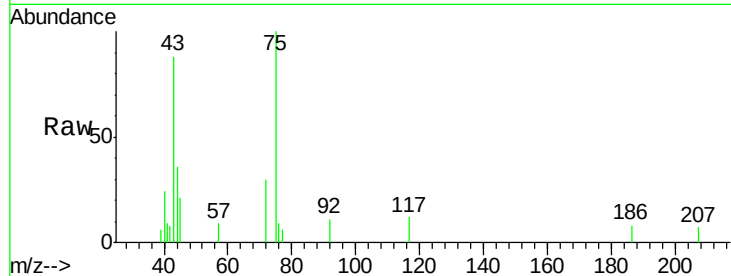
TR-05-011520

Tot Ion: 43 Resp: 2202

Ion Ratio Lower Upper

43 100

72 33.7 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

7.04

800

600

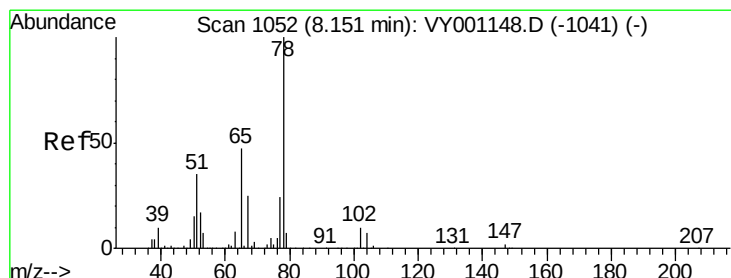
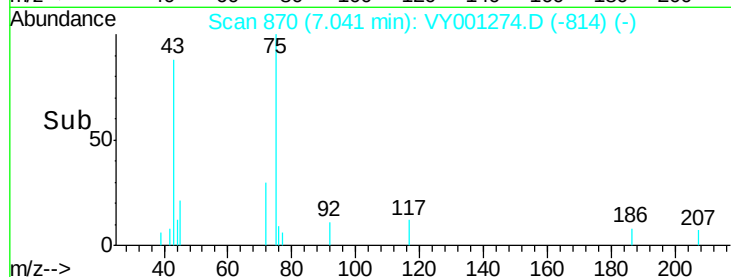
400

200

0

6.95 7.00 7.05 7.10 7.15

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.603 ug/l

RT: 8.18 min Scan# 1057

Delta R.T. 0.03 min

Lab File: VY001274.D

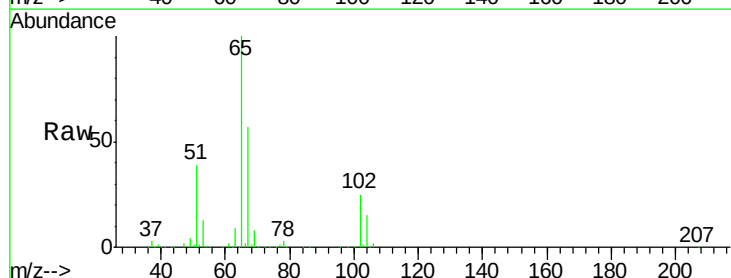
Acq: 17 Jan 2020 18:40

Tgt Ion: 65 Resp: 136262

Ion Ratio Lower Upper

65 100

67 56.1 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.18

60000

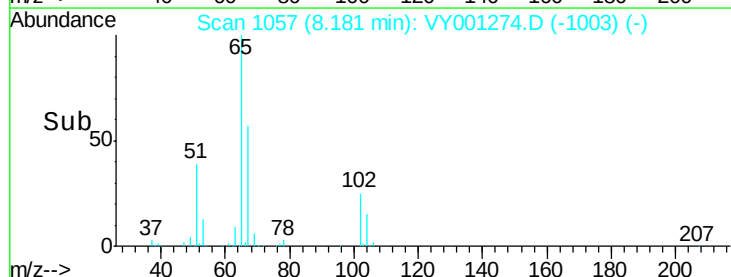
40000

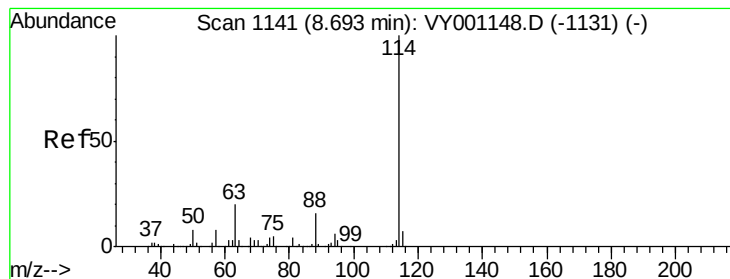
20000

0

8.10 8.20 8.30

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1146

Delta R.T. 0.03 min

Lab File: VY001274.D

Acq: 17 Jan 2020 18:40

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-011520

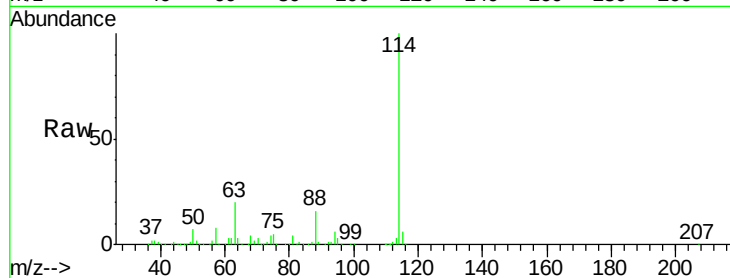
Tot Ion:114 Resp: 452091

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

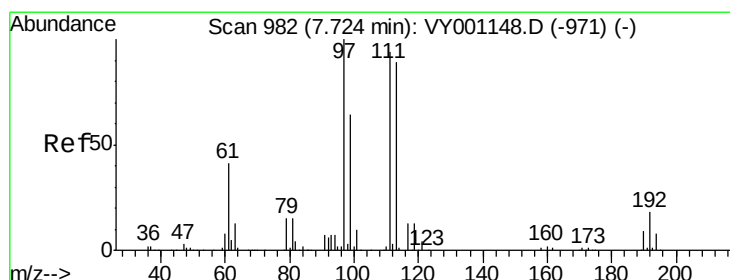
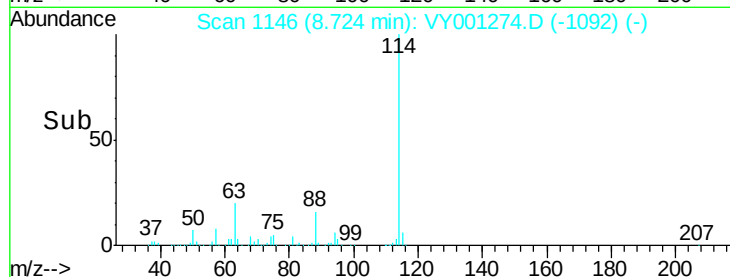
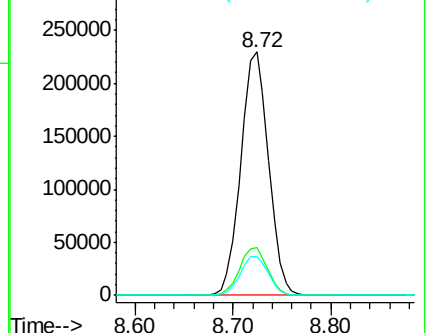
88 15.9 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 50.874 ug/l

RT: 7.76 min Scan# 988

Delta R.T. 0.04 min

Lab File: VY001274.D

Acq: 17 Jan 2020 18:40

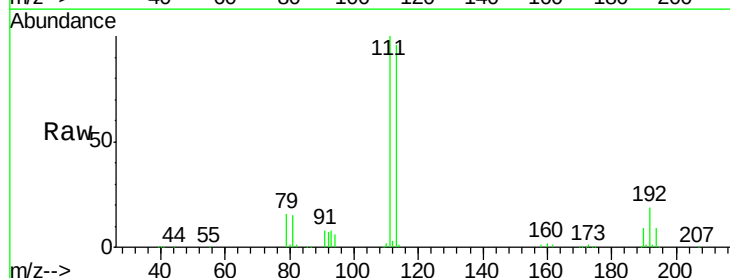
Tgt Ion:113 Resp: 134662

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

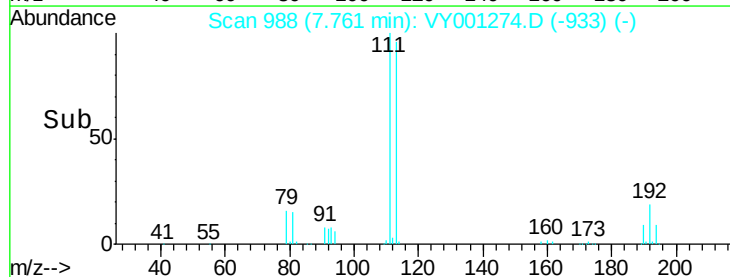
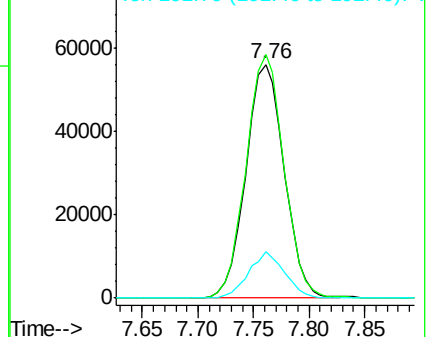
192 18.6 15.4 23.2

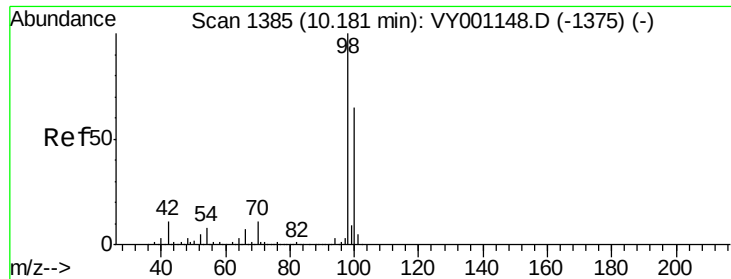


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

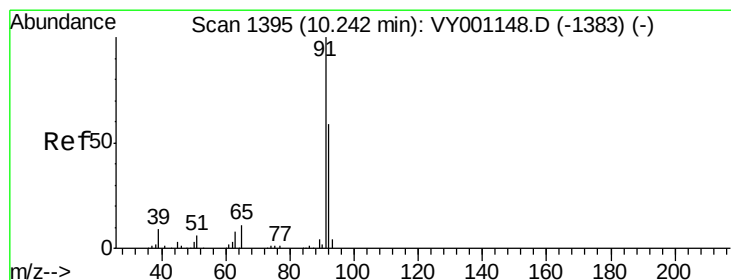
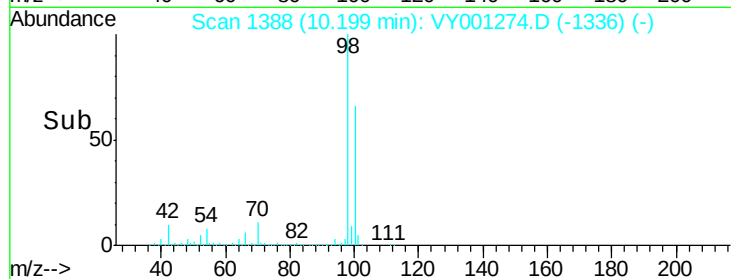
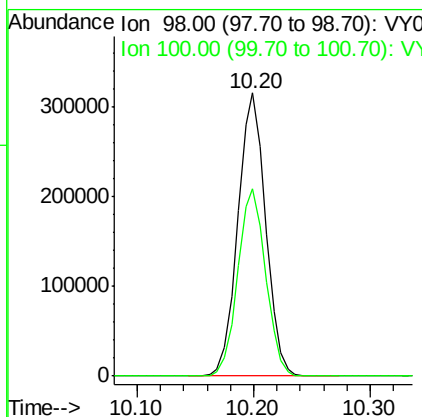
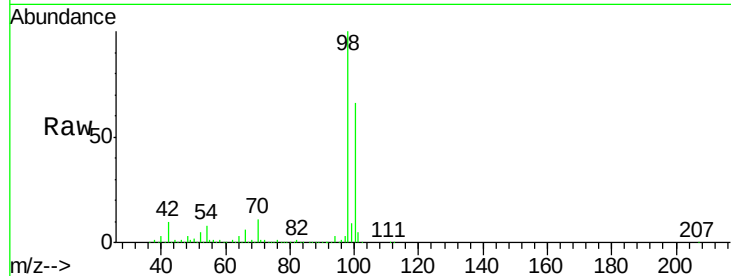




#50
Toluene-d8
Concen: 51.427 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.02 min
Lab File: VY001274.D
Acq: 17 Jan 2020 18:40

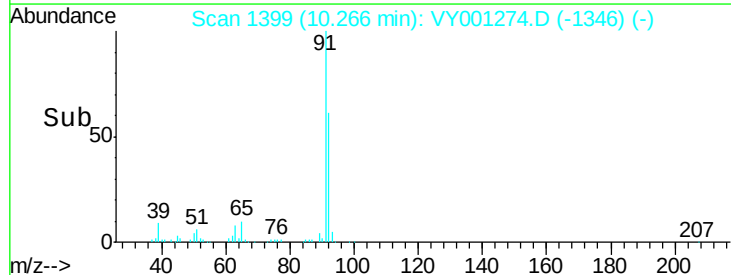
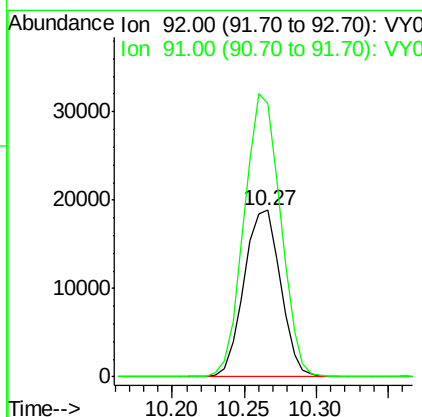
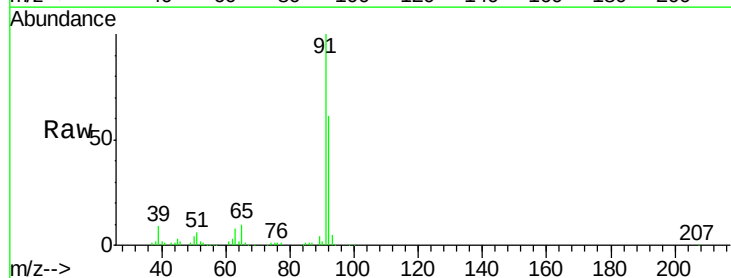
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-011520

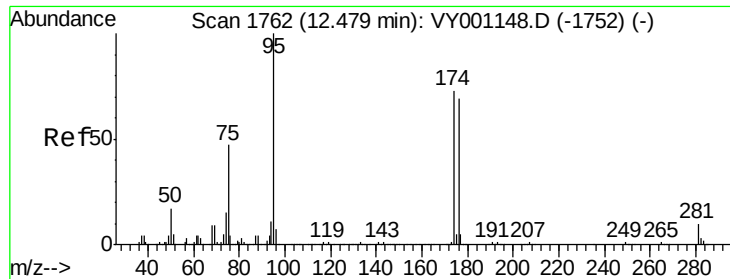
Tot Ion: 98 Resp: 524517
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#52
Toluene
Concen: 4.327 ug/l
RT: 10.27 min Scan# 1399
Delta R.T. 0.02 min
Lab File: VY001274.D
Acq: 17 Jan 2020 18:40

Tgt Ion: 92 Resp: 33195
Ion Ratio Lower Upper
92 100
91 168.7 136.6 204.8

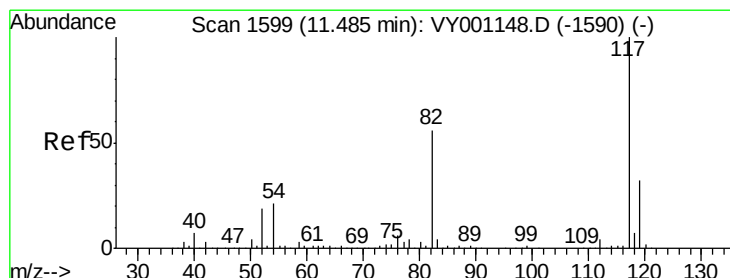
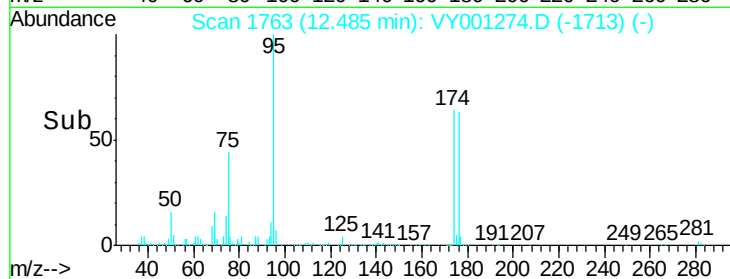
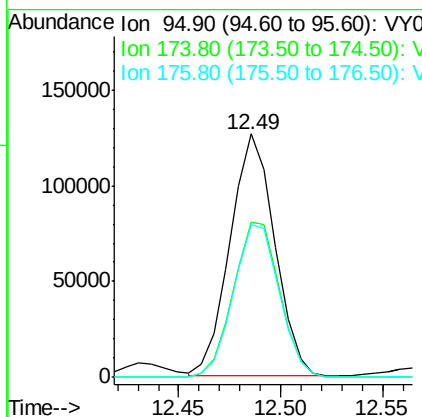
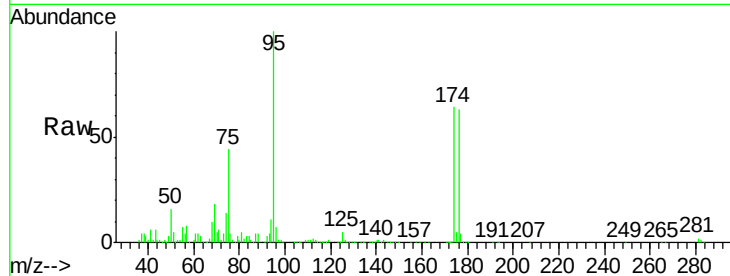




#62
4-Bromofluorobenzene
Concen: 46.019 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.01 min
Lab File: VY001274.D
Acq: 17 Jan 2020 18:40

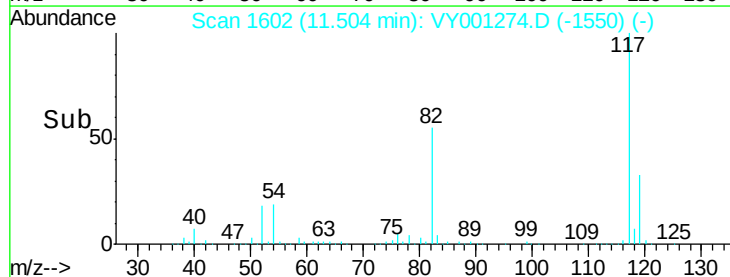
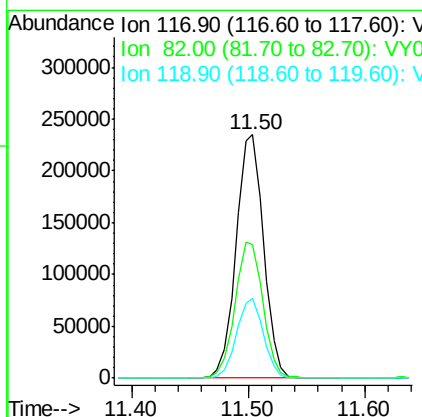
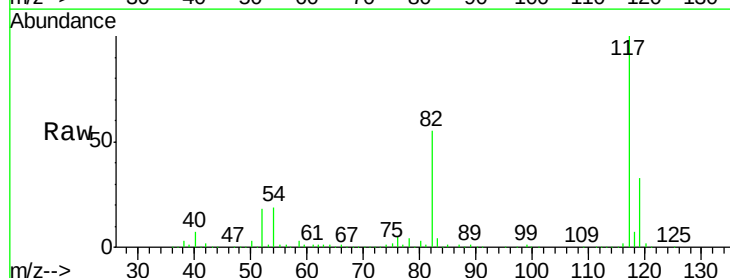
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-011520

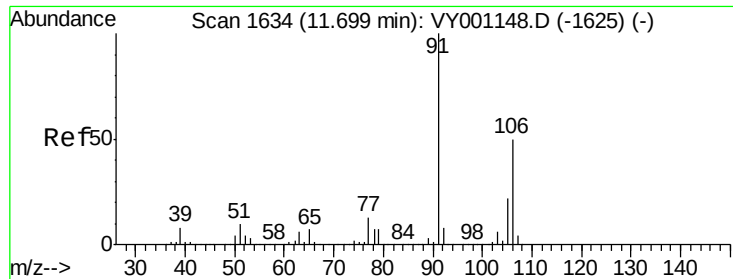
Tot Ion: 95 Resp: 191889
Ion Ratio Lower Upper
95 100
174 66.5 0.0 143.2
176 64.9 0.0 136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.02 min
Lab File: VY001274.D
Acq: 17 Jan 2020 18:40

Tgt Ion: 117 Resp: 385846
Ion Ratio Lower Upper
117 100
82 54.6 44.9 67.3
119 32.7 25.7 38.5

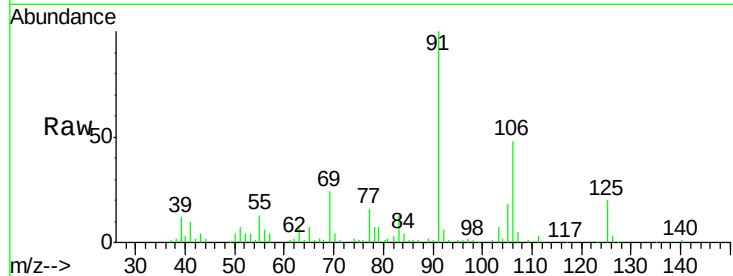




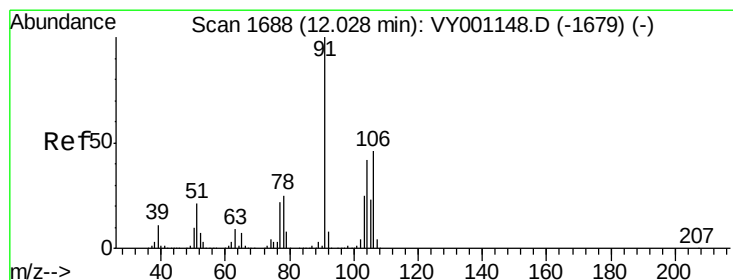
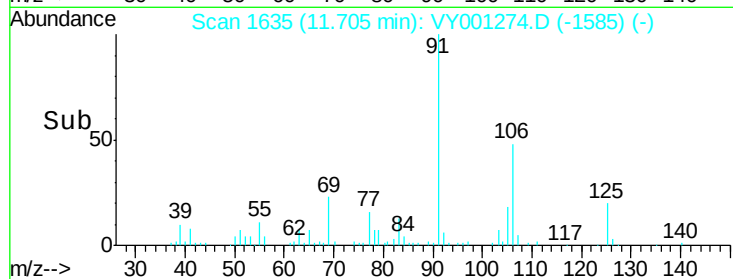
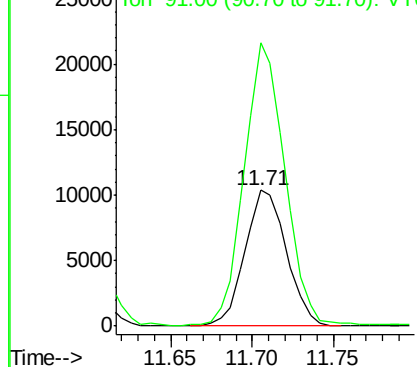
#68
m/p-Xylenes
Concen: 3.448 ug/l
RT: 11.71 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY001274.D
Acq: 17 Jan 2020 18:40

Instrument :
MSVOA_Y
ClientSampled :
TR-05-011520

Tot Ion:106 Resp: 18347
Ion Ratio Lower Upper
106 100
91 203.5 161.4 242.2

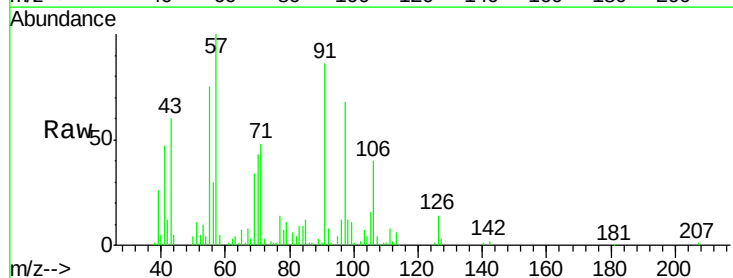


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

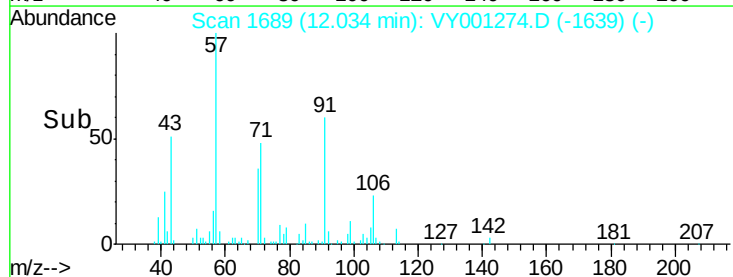
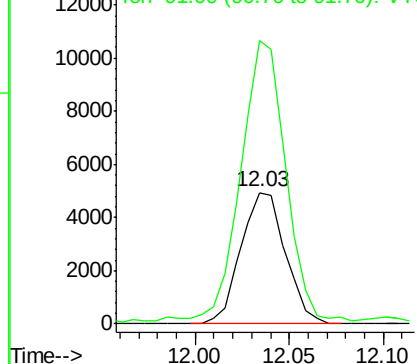


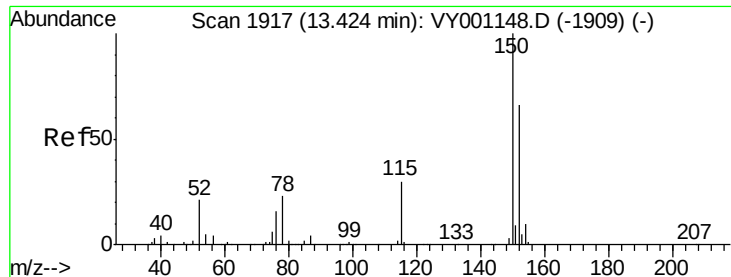
#69
o-Xylene
Concen: 1.581 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY001274.D
Acq: 17 Jan 2020 18:40

Tgt Ion:106 Resp: 8066
Ion Ratio Lower Upper
106 100
91 219.2 106.3 318.8



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: 13.43 min Scan# 1918

Delta R.T. 0.01 min

Lab File: VY001274.D

Acq: 17 Jan 2020 18:40

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-011520

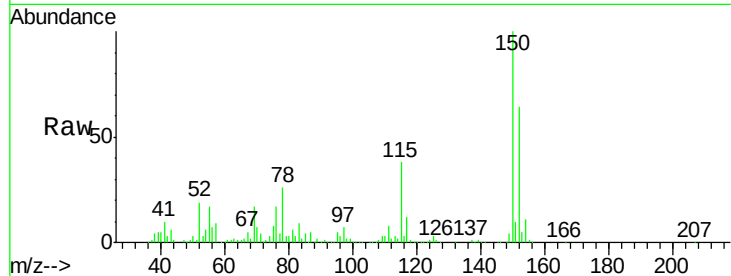
Tot Ion:152 Resp: 159299

Ion Ratio Lower Upper

152 100

115 60.4 30.9 92.5

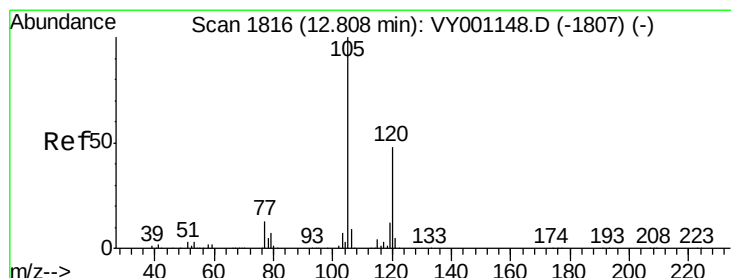
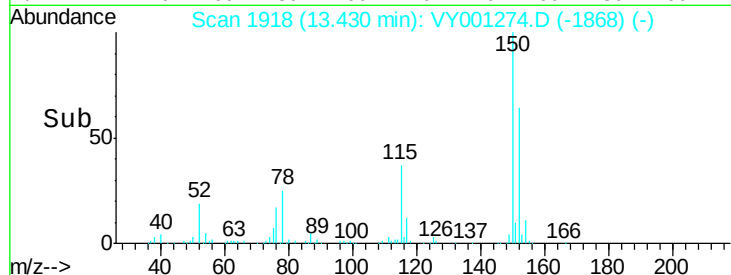
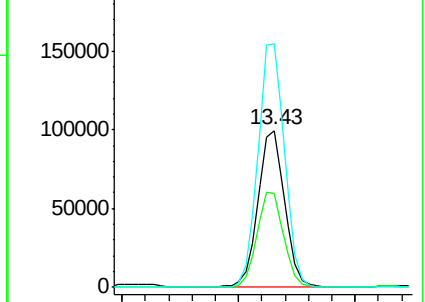
150 155.0 0.0 346.8



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: 1.333 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.01 min

Lab File: VY001274.D

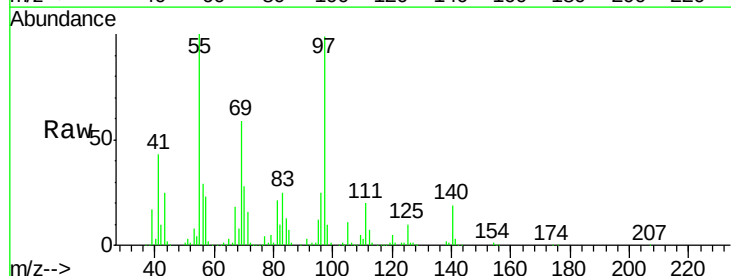
Acq: 17 Jan 2020 18:40

Tgt Ion:105 Resp: 13318

Ion Ratio Lower Upper

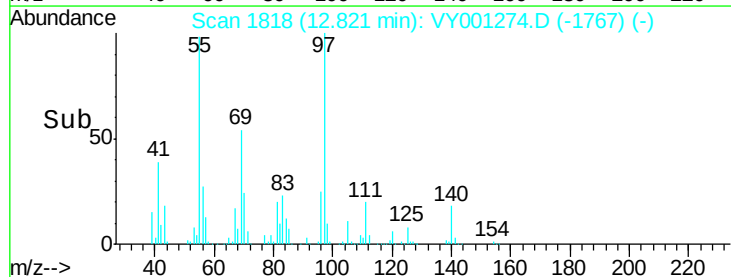
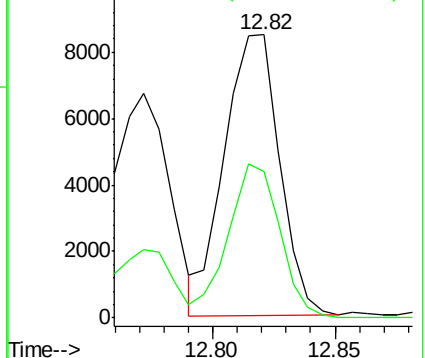
105 100

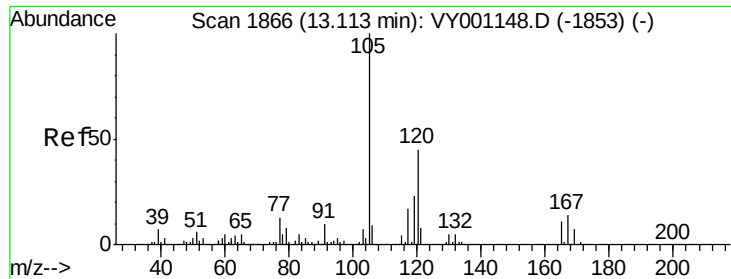
120 51.2 24.2 72.6



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: 5.163 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. 0.01 min

Lab File: VY001274.D

Acq: 17 Jan 2020 18:40

Instrument :

MSVOA_Y

ClientSampleId :

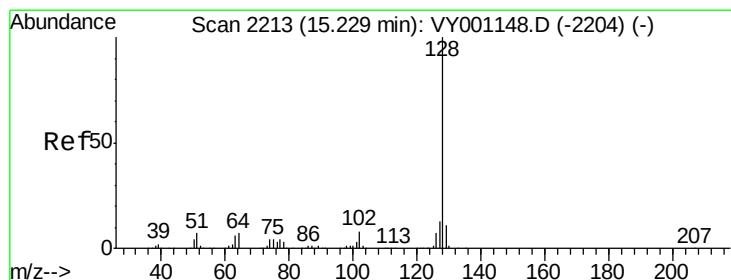
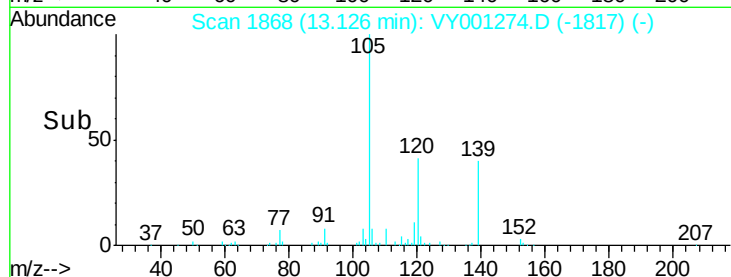
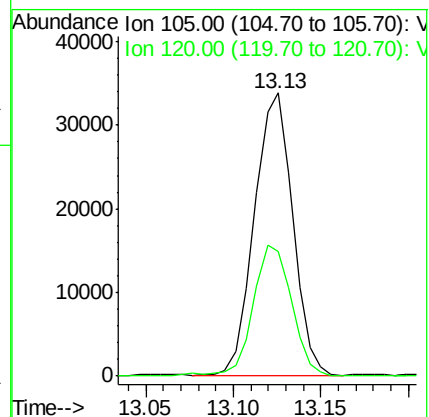
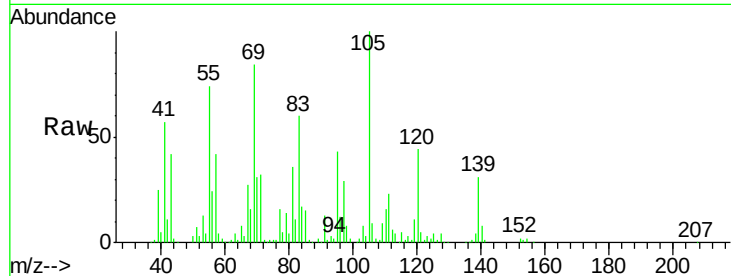
TR-05-011520

Tot Ion:105 Resp: 51232

Ion Ratio Lower Upper

105 100

120 47.3 22.8 68.3



#95

Naphthalene

Concen: 15.586 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.01 min

Lab File: VY001274.D

Acq: 17 Jan 2020 18:40

Tgt Ion:128 Resp: 111193

Ion Ratio Lower Upper

128 100

127 13.8 10.2 15.4

129 11.4 8.5 12.7

