

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050720\
 Data File : VY002627.D
 Acq On : 07 May 2020 13:37
 Operator : SY/MD
 Sample : L2498-01
 Misc : 6.97G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-050620

Quant Time: May 08 03:41:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

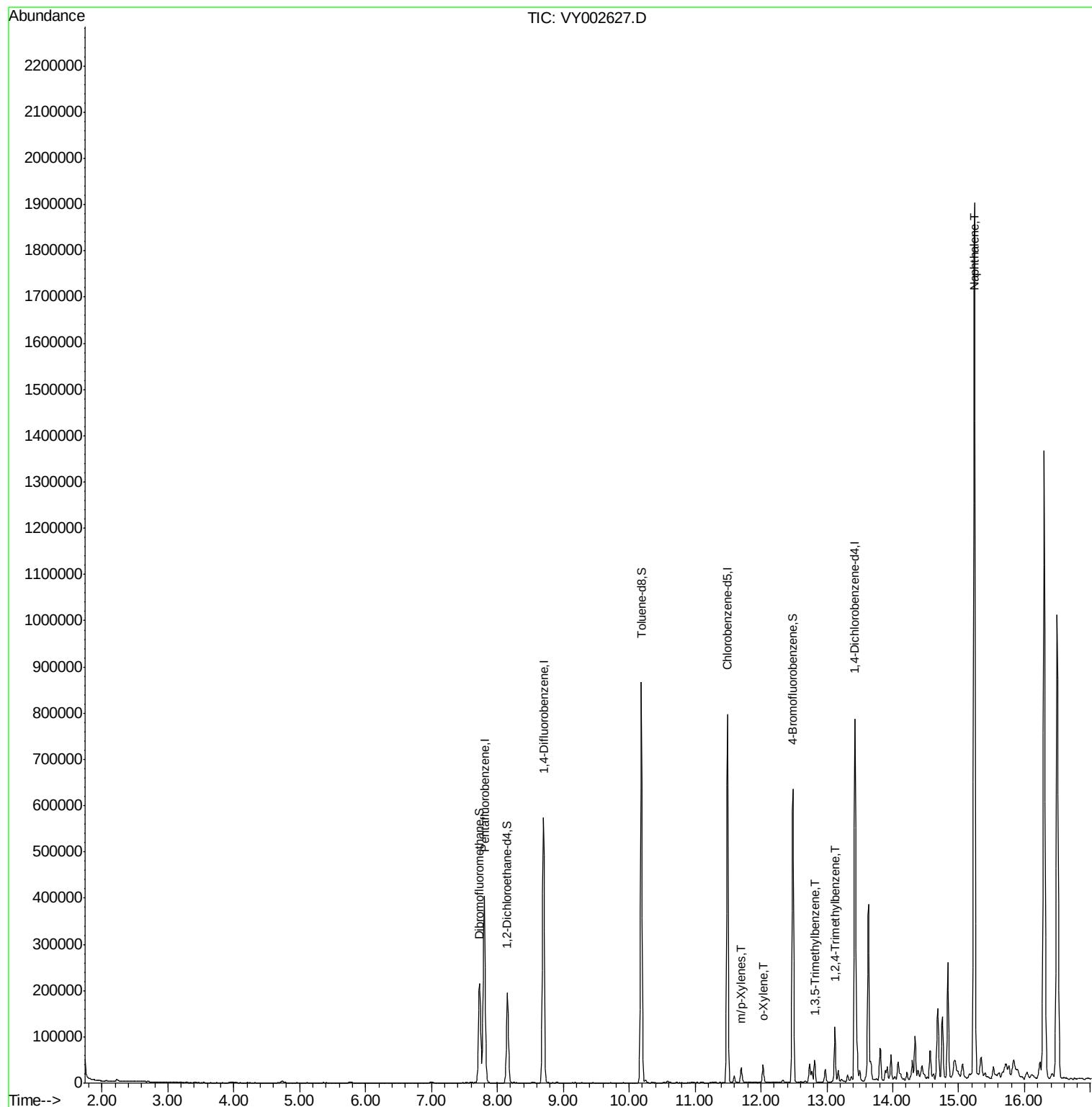
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	337256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	521471	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	460927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	222825	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	148556	52.39	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	104.78%	
35) Dibromofluoromethane	7.73	113	156727	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.10%	
50) Toluene-d8	10.19	98	600309	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.49	95	195619	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
Target Compounds						
						Qvalue
68) m/p-Xylenes	11.70	106	10389	1.744	ug/l	98
69) o-Xylene	12.03	106	10126	1.816	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	22780	1.903	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	66077	5.539	ug/l	99
95) Naphthalene	15.24	128	1598635	198.093	ug/l	100

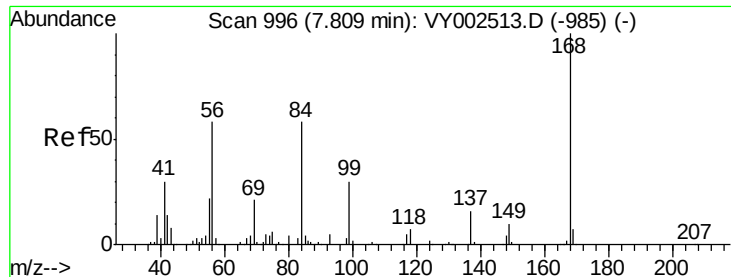
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050720\
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Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002627.D

Acq: 07 May 2020 13:37

Instrument :

MSVOA_Y

ClientSampleId :

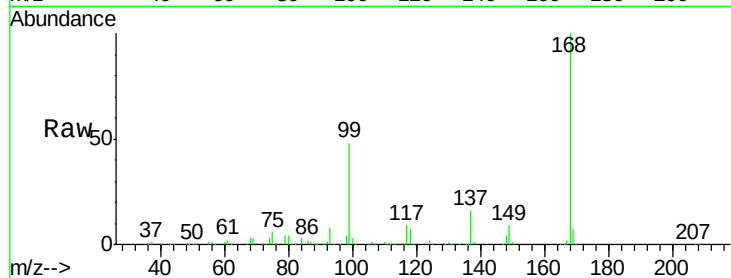
CL-02-050620

Tot Ion:168 Resp: 337256

Ion Ratio Lower Upper

168 100

99 48.3 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002627.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002627.D (-947) (-)

7.80

150000

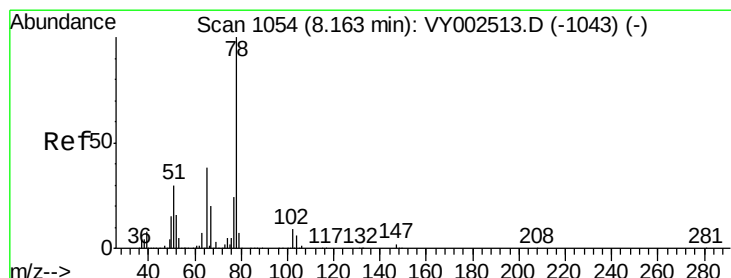
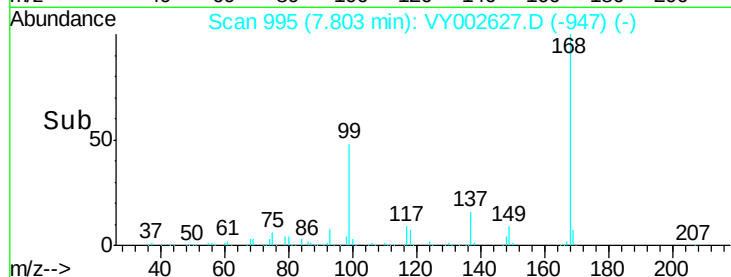
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.388 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002627.D

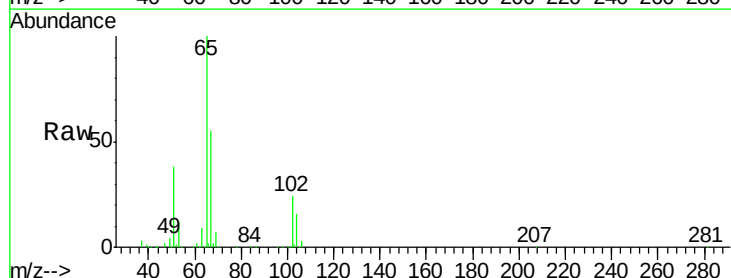
Acq: 07 May 2020 13:37

Tgt Ion: 65 Resp: 148556

Ion Ratio Lower Upper

65 100

67 54.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY002627.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY002627.D (-1005) (-)

8.15

80000

60000

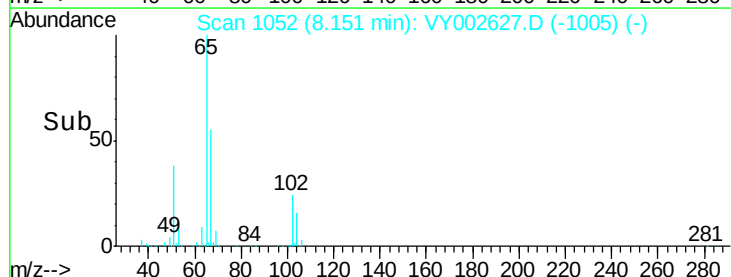
40000

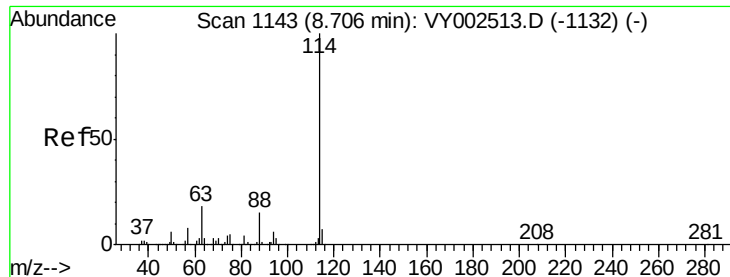
20000

0

8.10 8.20 8.30

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002627.D

Acq: 07 May 2020 13:37

Instrument :

MSVOA_Y

ClientSampleId :

CL-02-050620

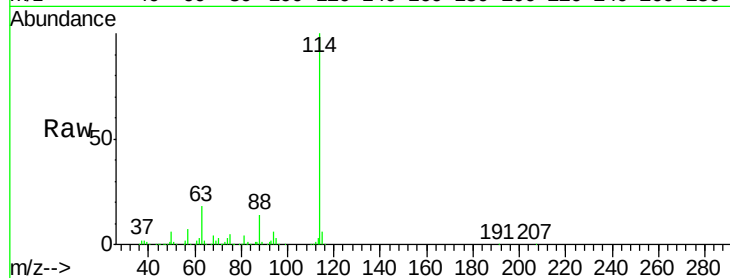
Tot Ion:114 Resp: 521471

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.4

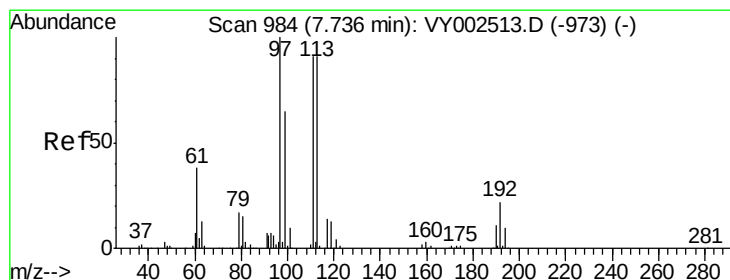
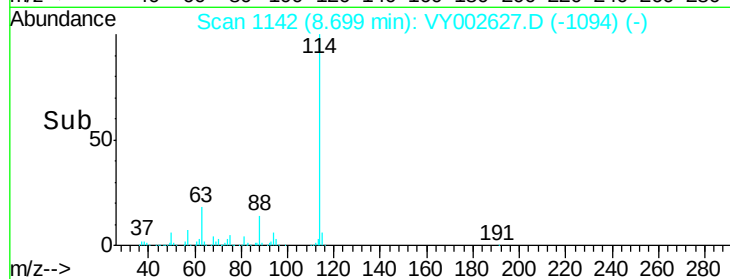
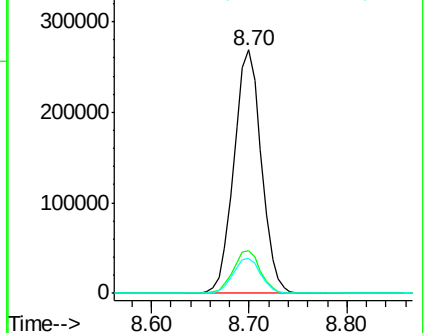
88 14.3 0.0 29.6



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: 52.552 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002627.D

Acq: 07 May 2020 13:37

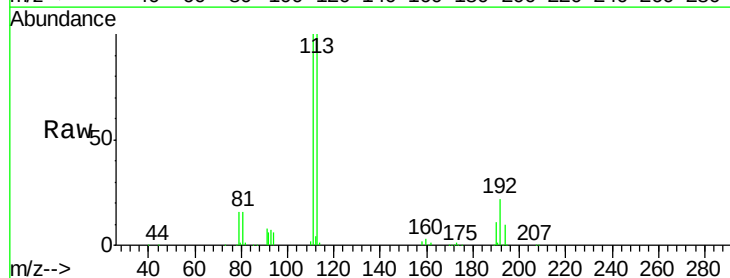
Tgt Ion:113 Resp: 156727

Ion Ratio Lower Upper

113 100

111 101.2 81.8 122.6

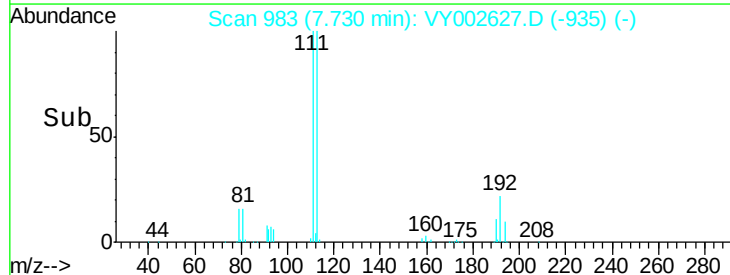
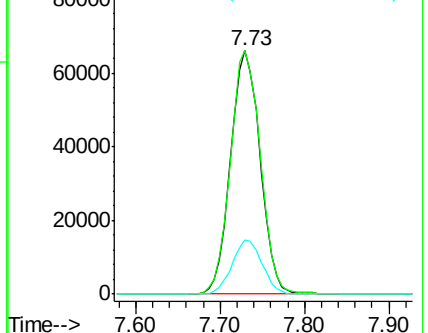
192 22.4 18.2 27.4

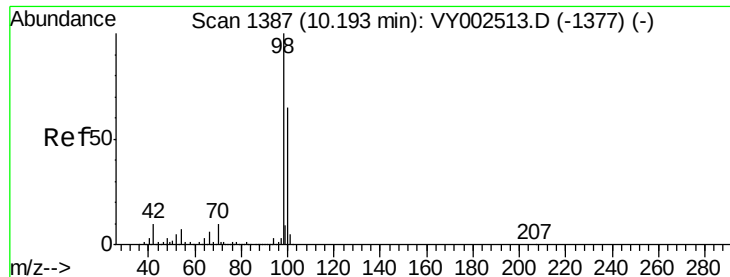


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.545 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002627.D

Acq: 07 May 2020 13:37

Instrument :

MSVOA_Y

ClientSampleId :

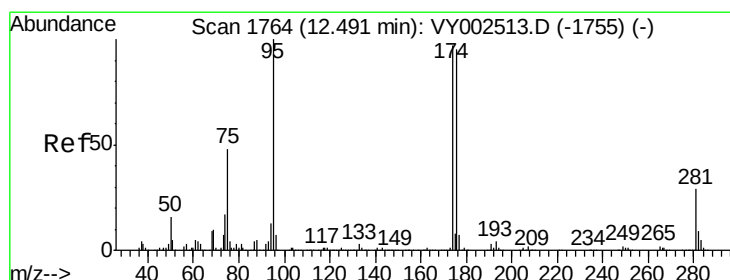
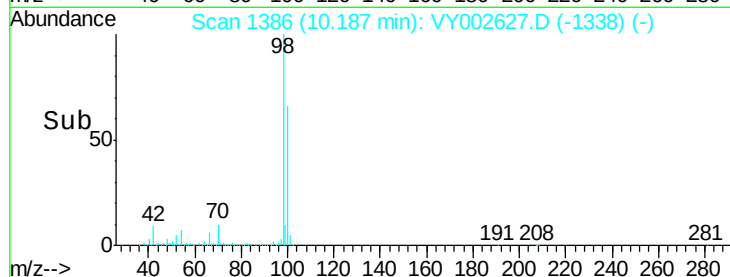
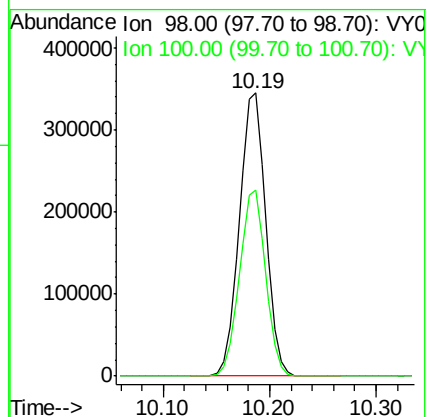
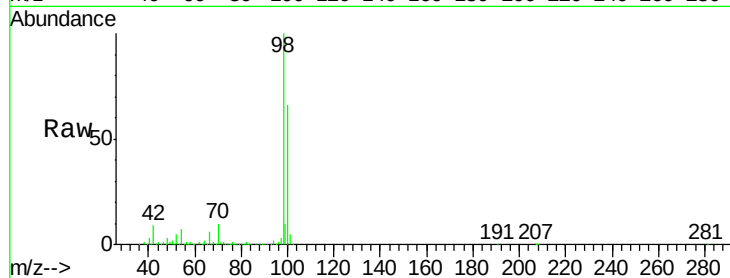
CL-02-050620

Tot Ion: 98 Resp: 600309

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.500 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002627.D

Acq: 07 May 2020 13:37

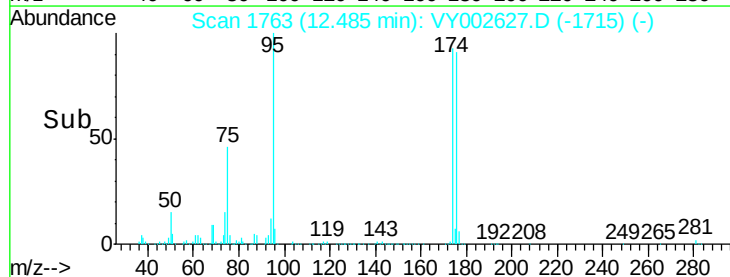
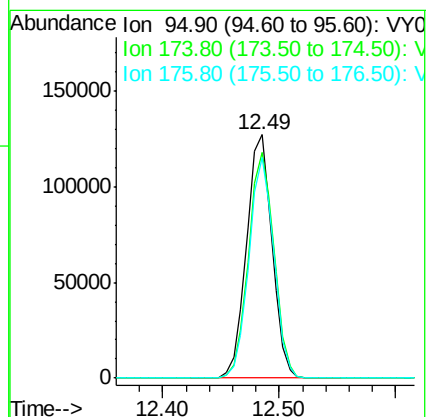
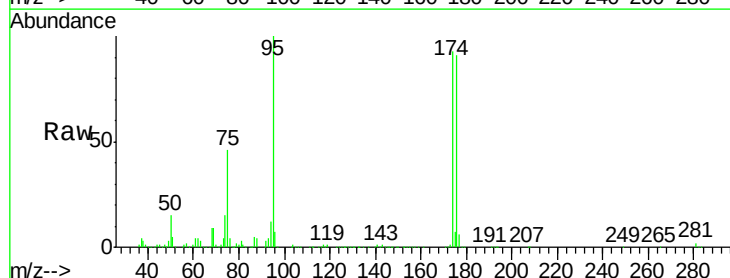
Tgt Ion: 95 Resp: 195619

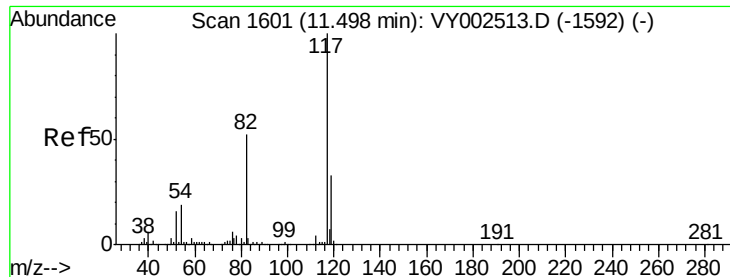
Ion Ratio Lower Upper

95 100

174 92.6 0.0 188.8

176 88.4 0.0 183.2

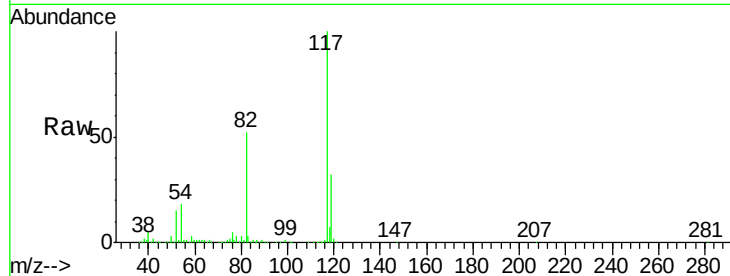




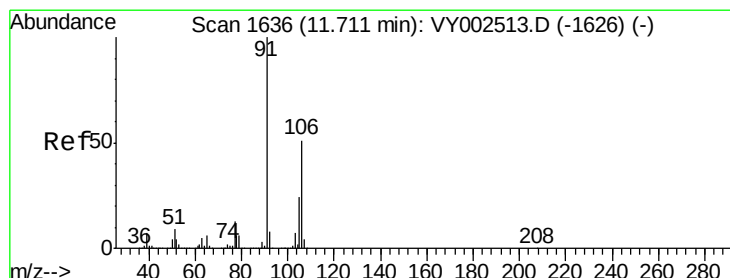
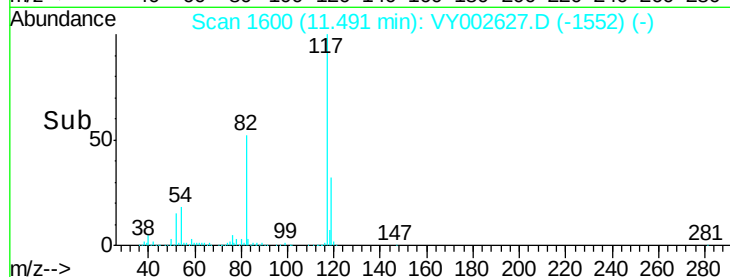
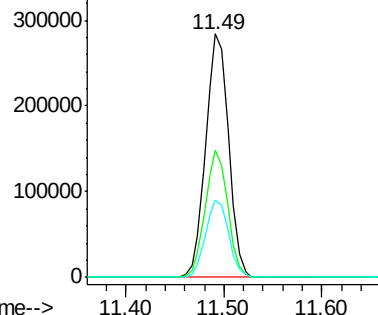
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002627.D
Acq: 07 May 2020 13:37

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-050620

Tot Ion:117 Resp: 460927
Ion Ratio Lower Upper
117 100
82 52.1 41.3 61.9
119 32.0 26.0 39.0

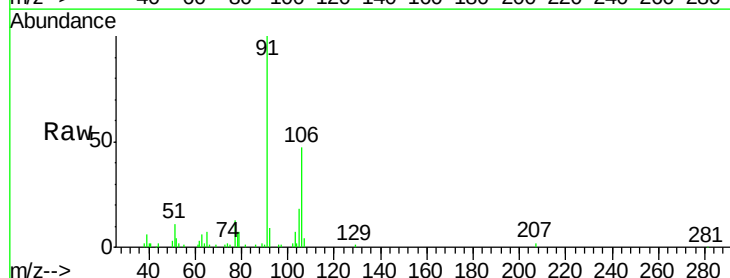


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

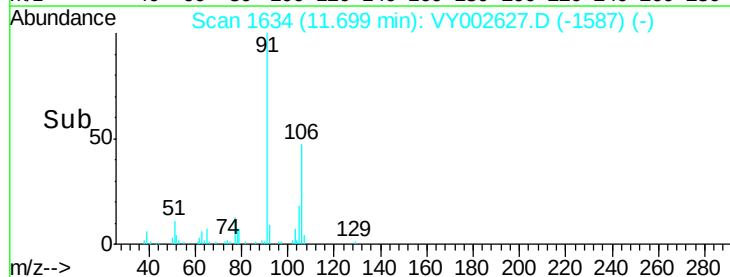
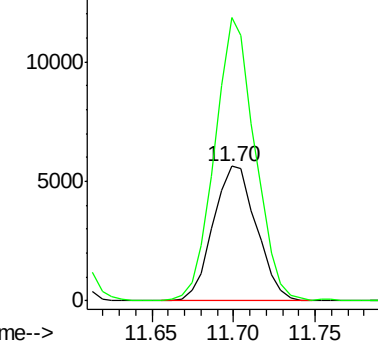


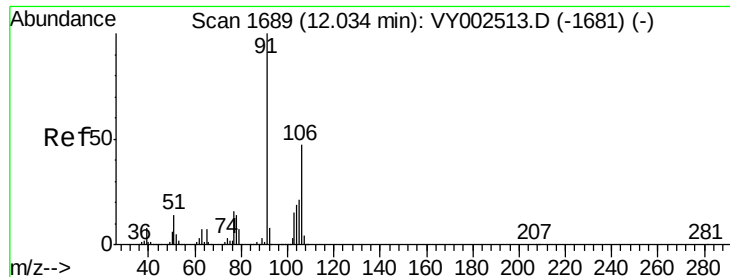
#68
m/p-Xylenes
Concen: 1.744 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY002627.D
Acq: 07 May 2020 13:37

Tgt Ion:106 Resp: 10389
Ion Ratio Lower Upper
106 100
91 196.6 155.2 232.8



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

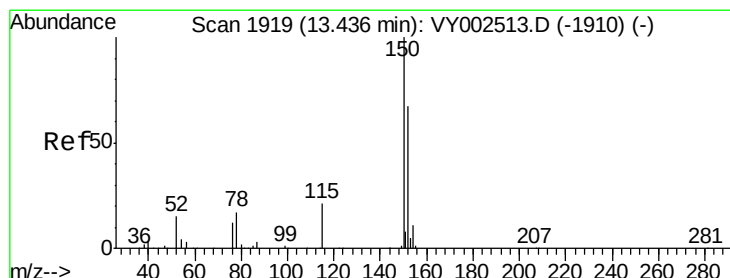
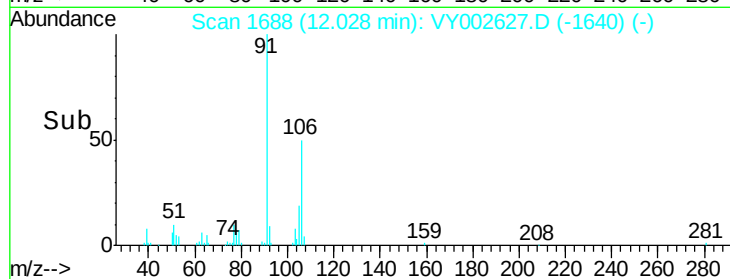
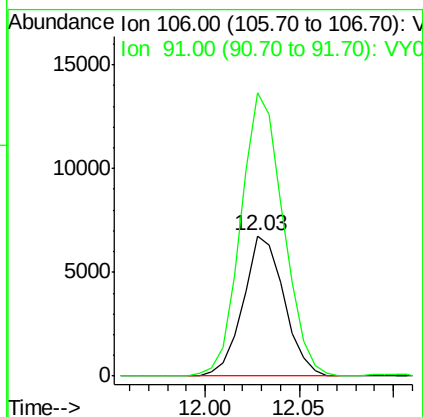
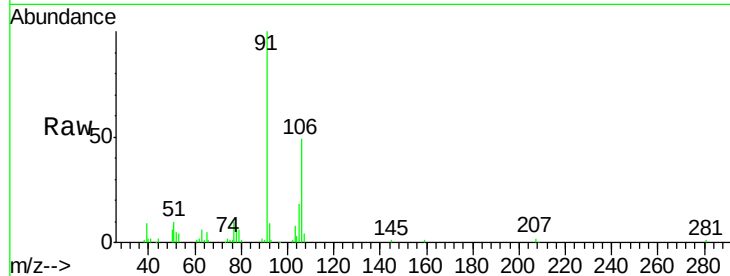




#69
o-Xylene
Concen: 1.816 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY002627.D
Acq: 07 May 2020 13:37

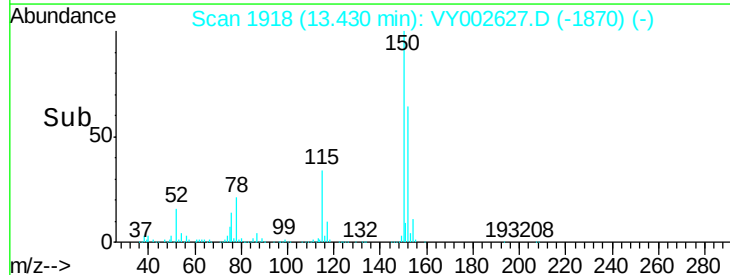
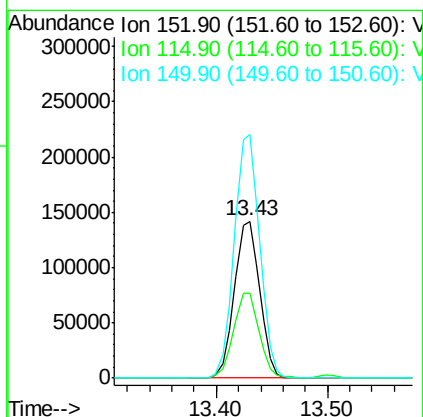
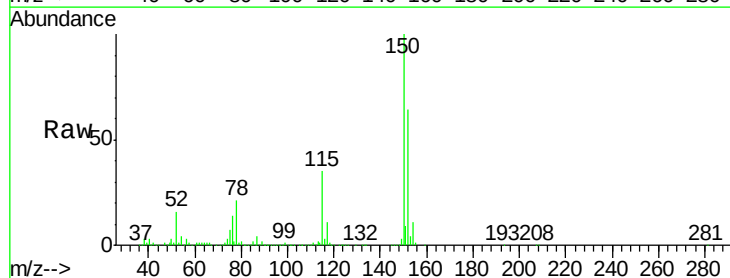
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-050620

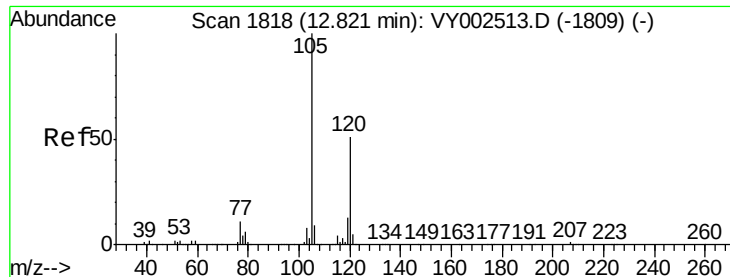
Tot Ion:106 Resp: 10126
Ion Ratio Lower Upper
106 100
91 210.2 103.8 311.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002627.D
Acq: 07 May 2020 13:37

Tgt Ion:152 Resp: 222825
Ion Ratio Lower Upper
152 100
115 55.0 27.5 82.4
150 155.8 0.0 346.4





#80

1,3,5-Trimethylbenzene

Concen: 1.903 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY002627.D

Acq: 07 May 2020 13:37

Instrument :

MSVOA_Y

ClientSampleId :

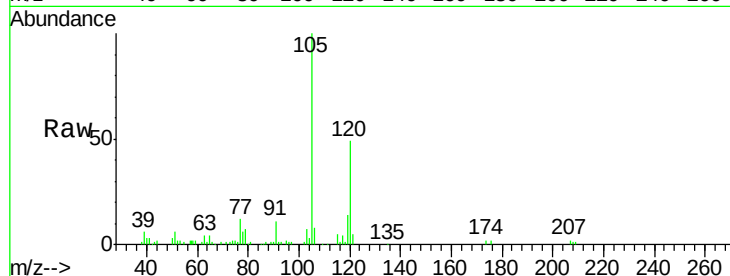
CL-02-050620

Tot Ion:105 Resp: 22780

Ion Ratio Lower Upper

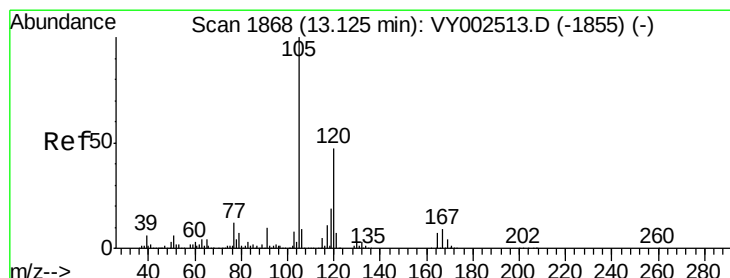
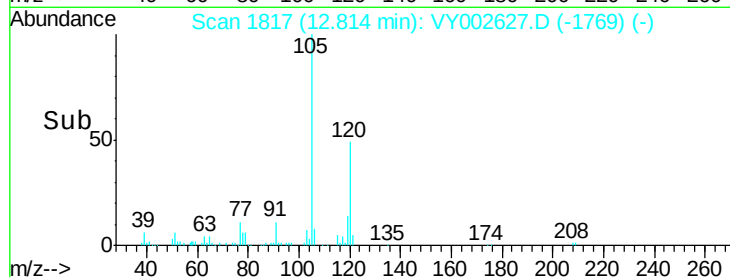
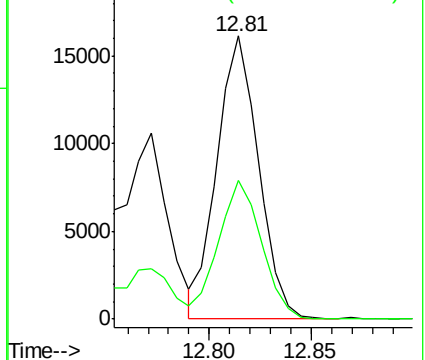
105 100

120 50.9 25.3 75.9



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: 5.539 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VY002627.D

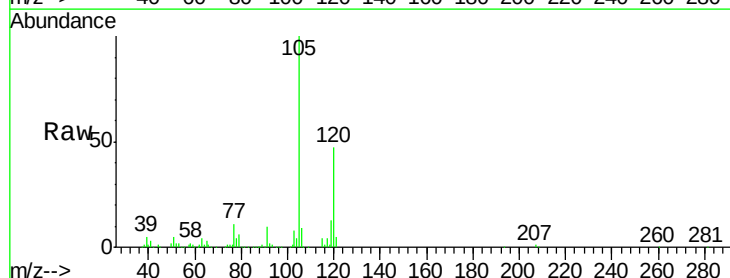
Acq: 07 May 2020 13:37

Tgt Ion:105 Resp: 66077

Ion Ratio Lower Upper

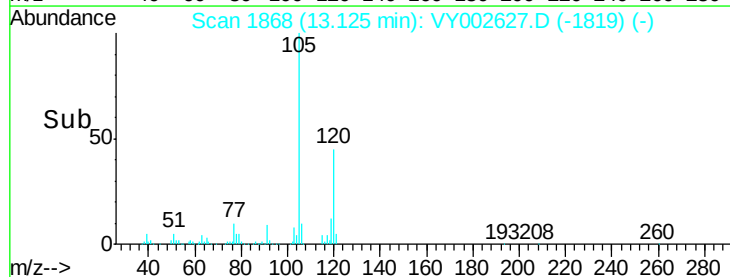
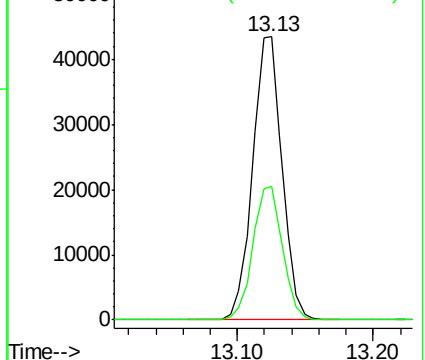
105 100

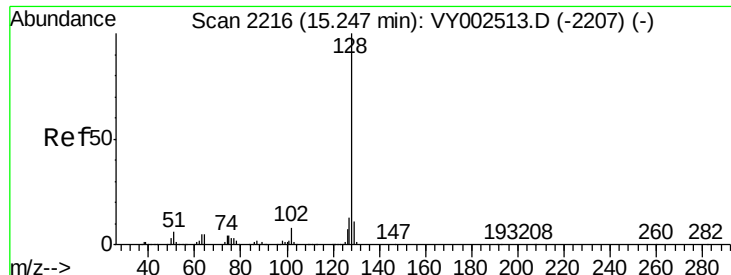
120 47.2 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 198.093 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

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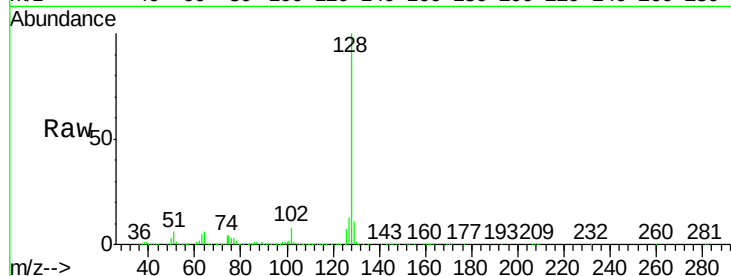
Tot Ion:128 Resp: 1598635

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 11.0 8.8 13.2



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

