

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
 Data File : VY001722.D
 Acq On : 20 Feb 2020 14:28
 Operator : SY/MD
 Sample : L1589-02
 Misc : 7.67G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB4-4.5-5.0

Quant Time: Feb 21 08:31:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

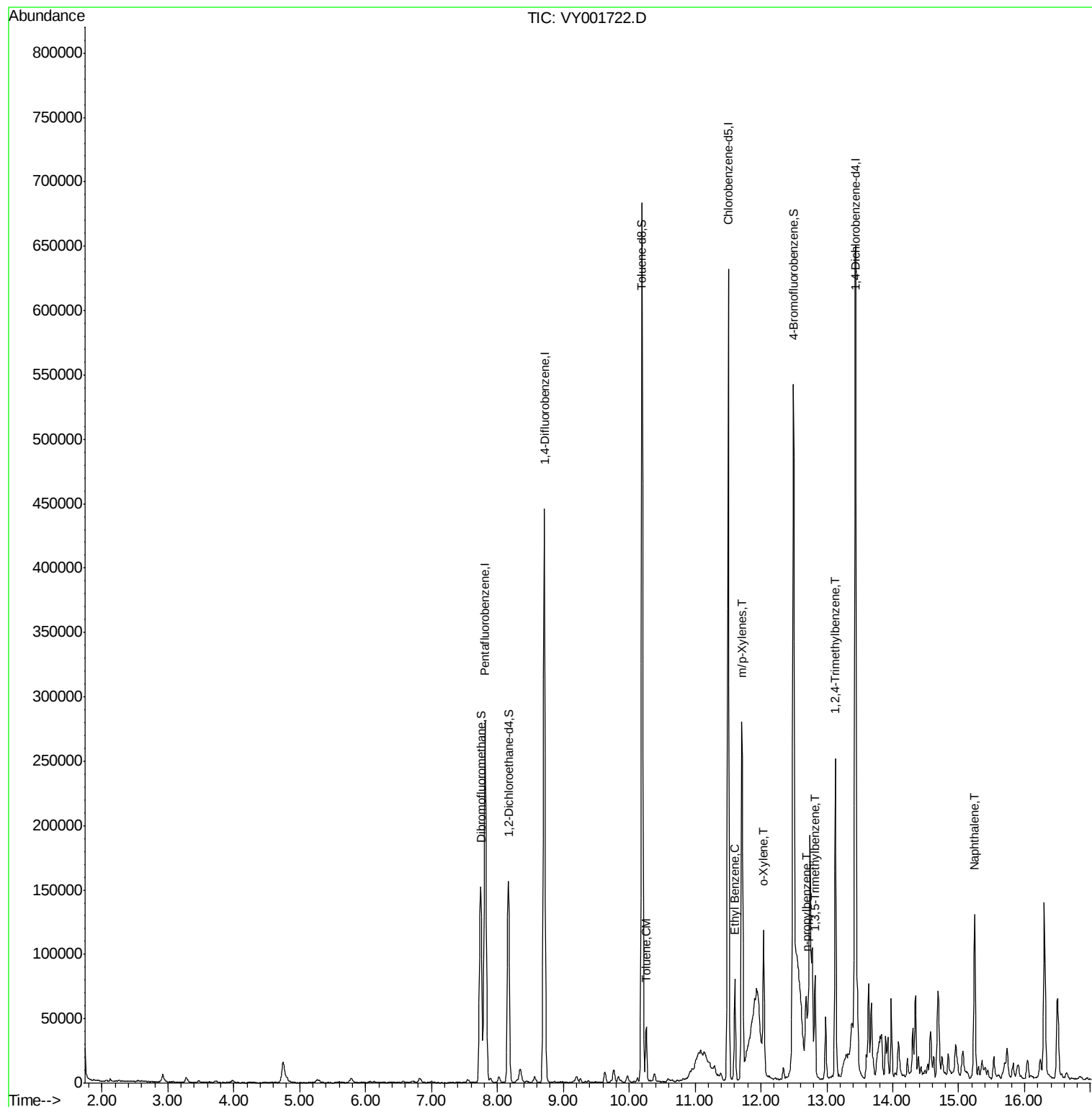
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	210193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	387017	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	350691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	165149	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	120408	53.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.52%	
35) Dibromofluoromethane	7.75	113	113134	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
50) Toluene-d8	10.19	98	459279	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
62) 4-Bromofluorobenzene	12.49	95	168612	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
Target Compounds						
52) Toluene	10.25	92	17958	2.648	ug/l	95
67) Ethyl Benzene	11.61	91	55503	4.272	ug/l	96
68) m/p-Xylenes	11.71	106	88096	18.151	ug/l	97
69) o-Xylene	12.04	106	28708	6.222	ug/l	98
78) n-propylbenzene	12.68	91	31265	2.040	ug/l	96
80) 1,3,5-Trimethylbenzene	12.82	105	32690	3.139	ug/l	93
84) 1,2,4-Trimethylbenzene	13.13	105	139196	13.406	ug/l	100
95) Naphthalene	15.24	128	101580	13.619	ug/l	99

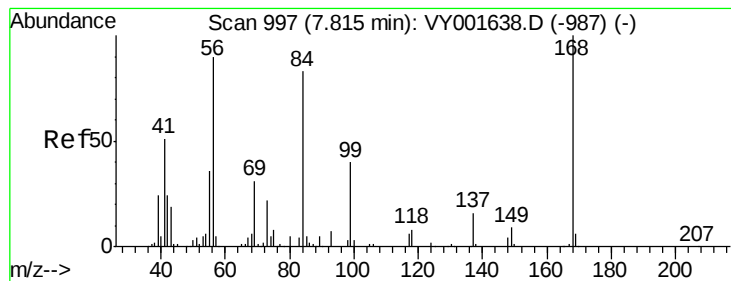
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
Data File : VY001722.D
Acq On : 20 Feb 2020 14:28
Operator : SY/MD
Sample : L1589-02
Misc : 7.67G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB4-4.5-5.0

Quant Time: Feb 21 08:31:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001722.D

Acq: 20 Feb 2020 14:28

Instrument :

MSVOA_Y

ClientSampleId :

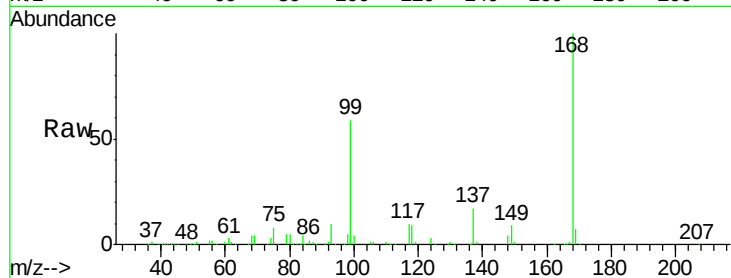
SB4-4.5-5.0

Tot Ion:168 Resp: 210193

Ion Ratio Lower Upper

168 100

99 58.6 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)

7.82

100000

80000

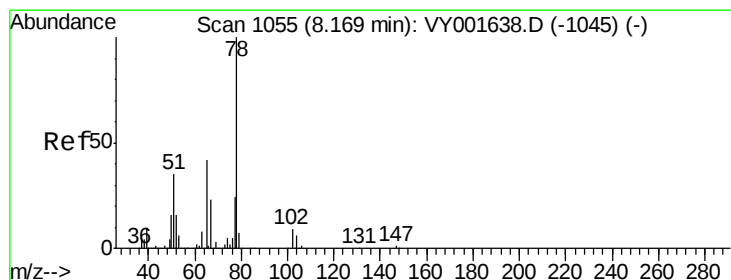
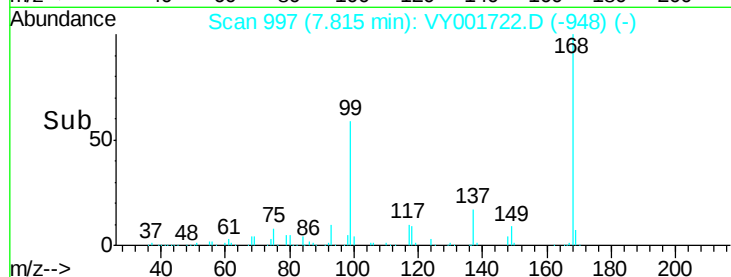
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 53.256 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001722.D

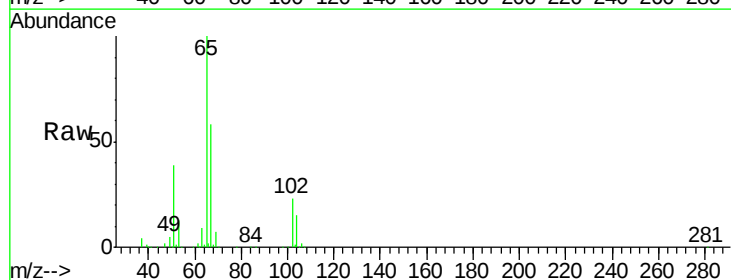
Acq: 20 Feb 2020 14:28

Tgt Ion: 65 Resp: 120408

Ion Ratio Lower Upper

65 100

67 55.2 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001638.D (-1045) (-)

Ion 66.90 (66.60 to 67.60): VY001638.D (-1045) (-)

8.17

60000

50000

40000

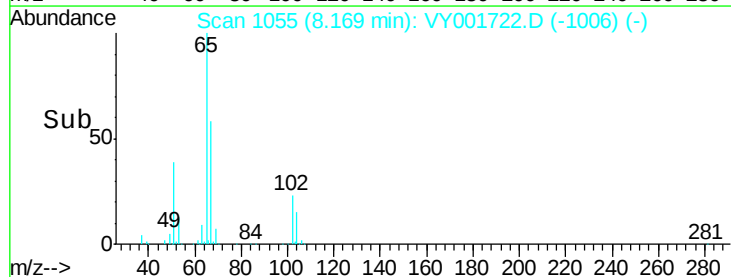
30000

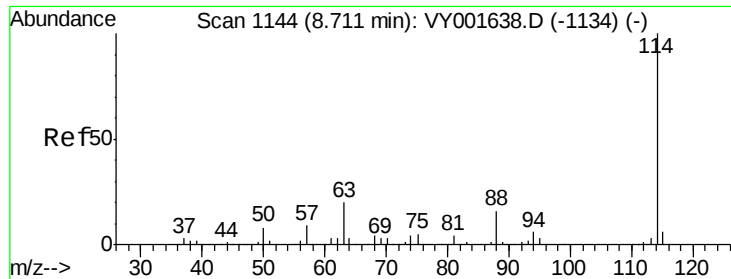
20000

10000

0

Time--> 8.05 8.10 8.15 8.20 8.25

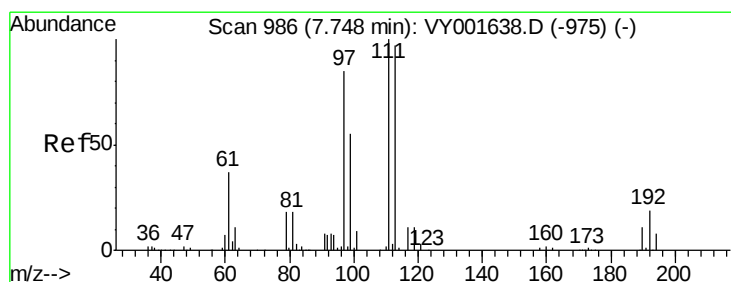
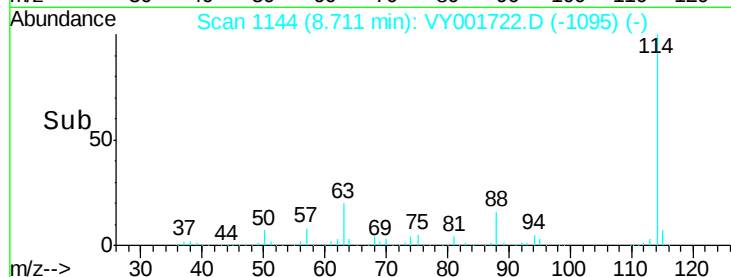
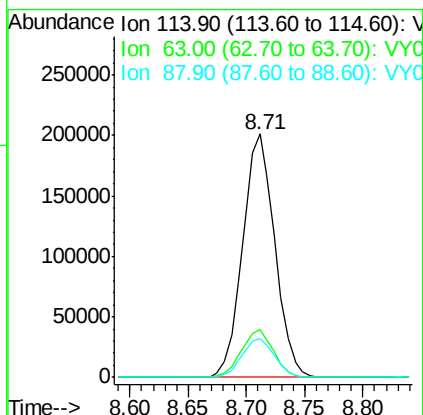
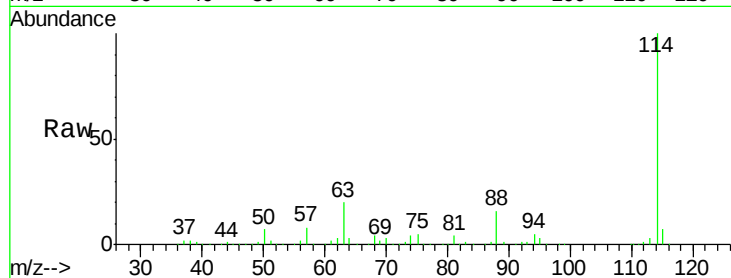




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001722.D
 Acq: 20 Feb 2020 14:28

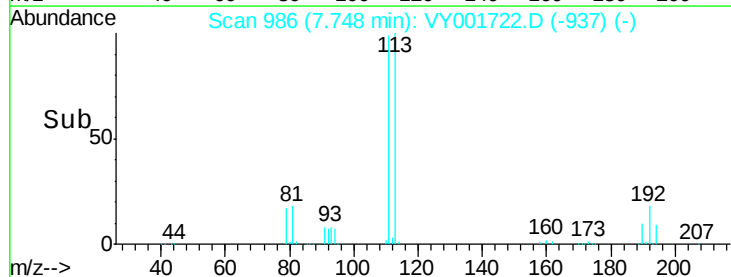
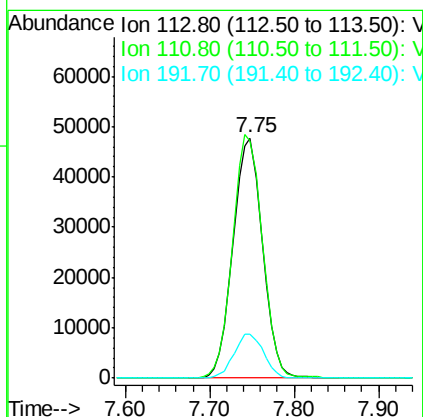
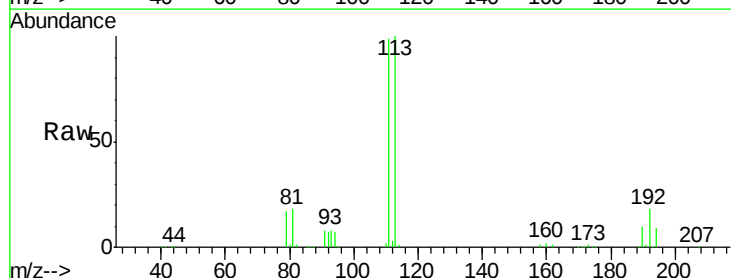
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB4-4.5-5.0

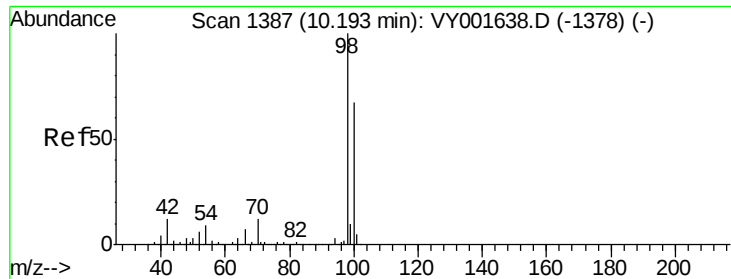
Tot Ion:114 Resp: 387017
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.4
 88 15.8 0.0 32.8



#35
 Dibromofluoromethane
 Concen: 51.038 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY001722.D
 Acq: 20 Feb 2020 14:28

Tgt Ion:113 Resp: 113134
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.9 122.9
 192 18.4 14.3 21.5





#50

Toluene-d8

Concen: 52.887 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001722.D

Acq: 20 Feb 2020 14:28

Instrument :

MSVOA_Y

ClientSampleId :

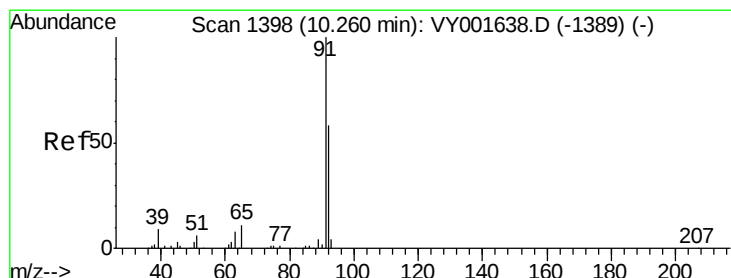
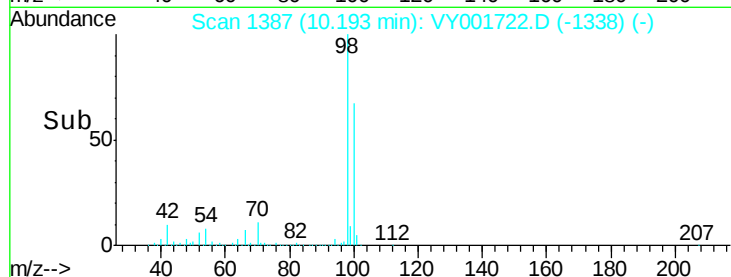
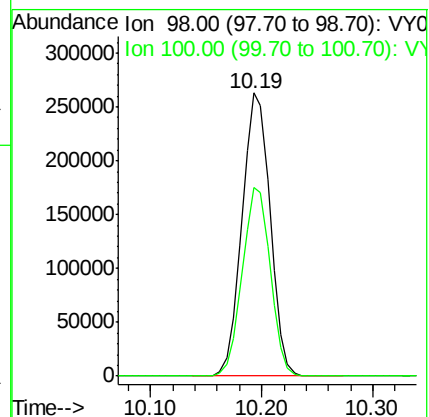
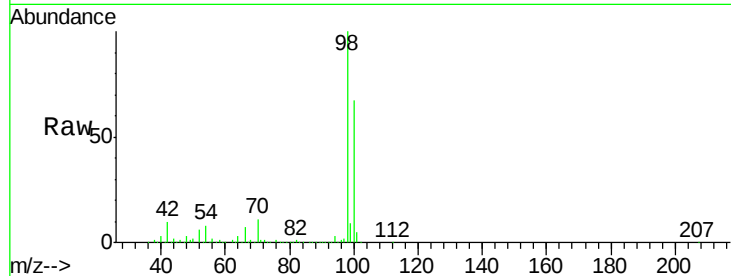
SB4-4.5-5.0

Tot Ion: 98 Resp: 459279

Ion Ratio Lower Upper

98 100

100 66.4 53.0 79.4



#52

Toluene

Concen: 2.648 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VY001722.D

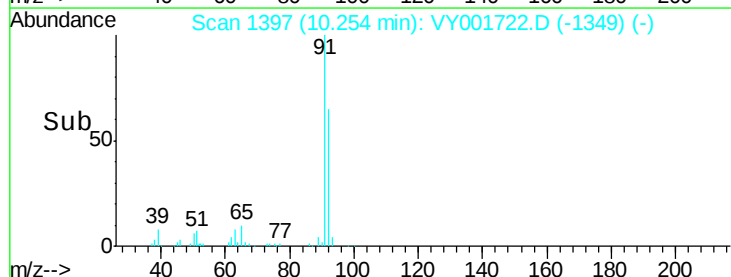
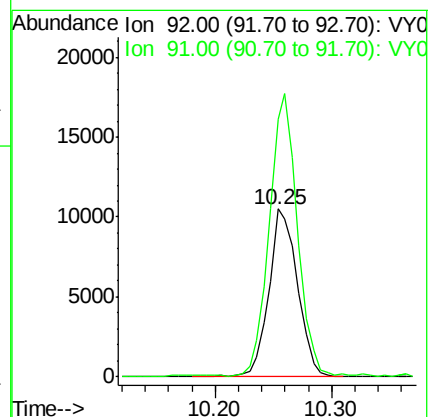
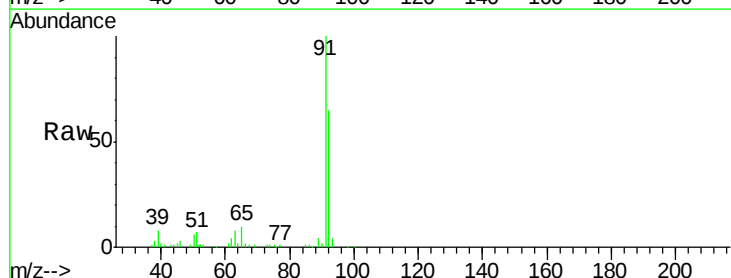
Acq: 20 Feb 2020 14:28

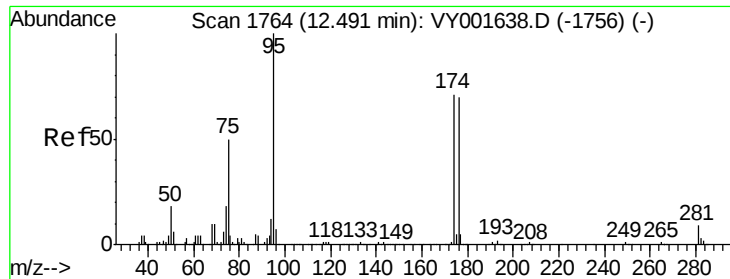
Tgt Ion: 92 Resp: 17958

Ion Ratio Lower Upper

92 100

91 163.8 137.0 205.6

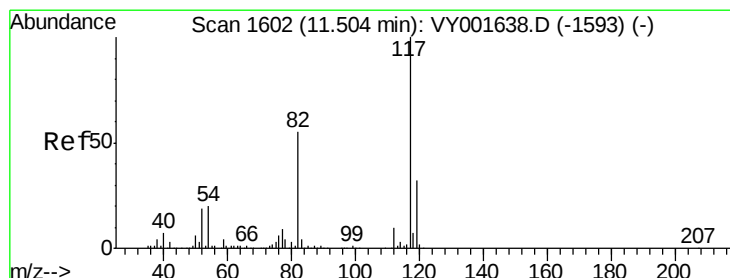
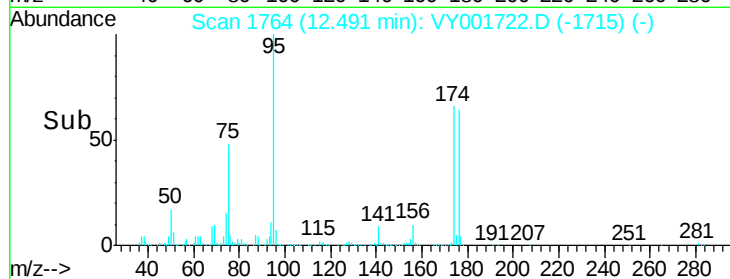
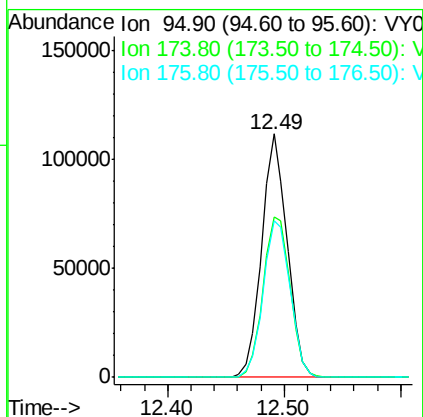
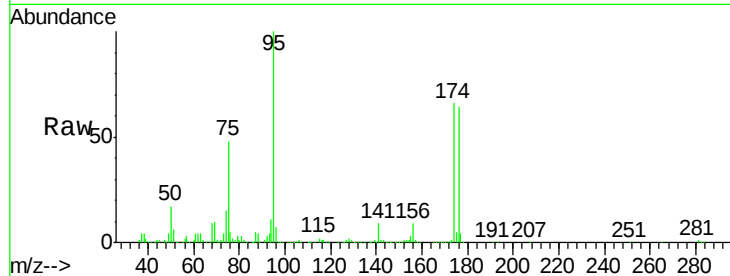




#62
4-Bromofluorobenzene
Concen: 49.978 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001722.D
Acq: 20 Feb 2020 14:28

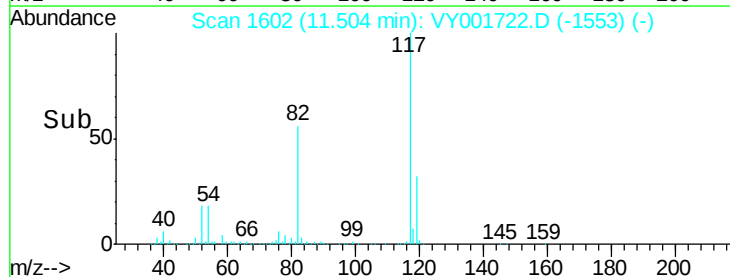
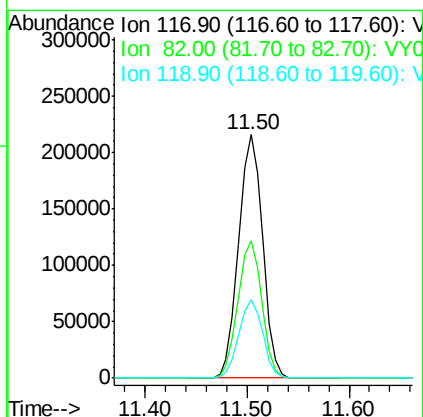
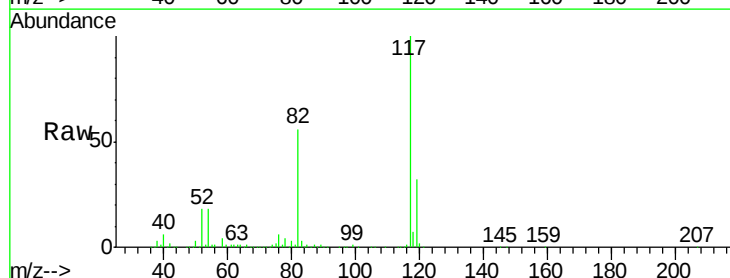
Instrument :
MSVOA_Y
ClientSampleId :
SB4-4.5-5.0

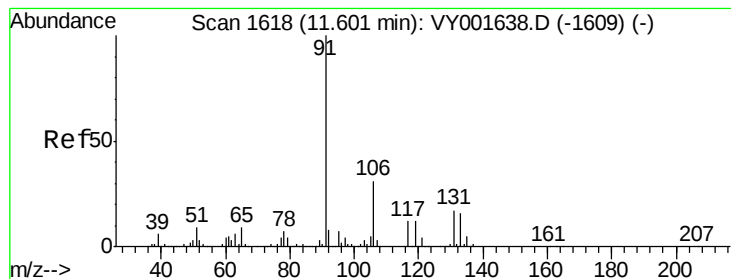
Tot Ion	Ratio	Lower	Upper
95	100		
174	70.4	0.0	138.4
176	68.0	0.0	131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001722.D
Acq: 20 Feb 2020 14:28

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.5	68.3
119	32.3	25.8	38.6





#67

Ethyl Benzene

Concen: 4.272 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY001722.D

Acq: 20 Feb 2020 14:28

Instrument :

MSVOA_Y

ClientSampleId :

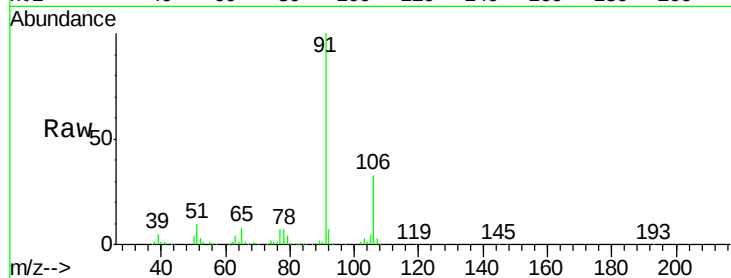
SB4-4.5-5.0

Tot Ion: 91 Resp: 55503

Ion Ratio Lower Upper

91 100

106 32.9 24.5 36.7



Abundance Ion 91.00 (90.70 to 91.70): VY001638.D (-1609) (-)

Ion 106.00 (105.70 to 106.70): VY001638.D (-1609) (-)

100000

80000

60000

40000

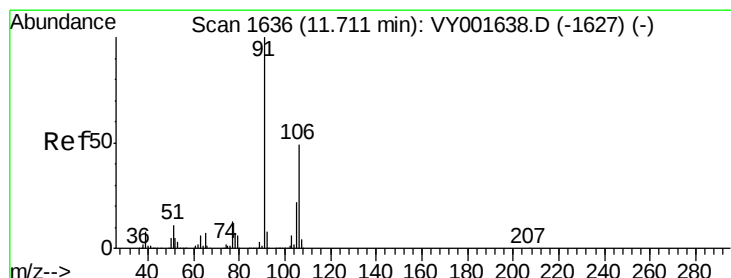
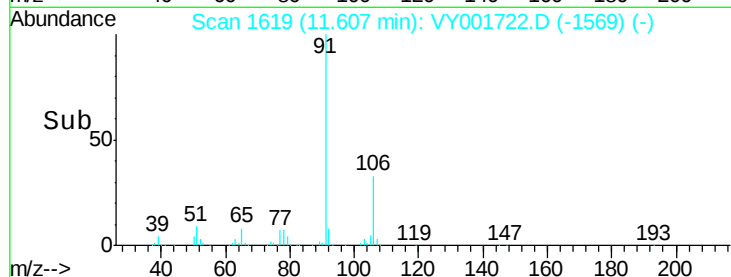
20000

0

11.55 11.60 11.65

11.61

Time-->



#68

m/p-Xylenes

Concen: 18.151 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VY001722.D

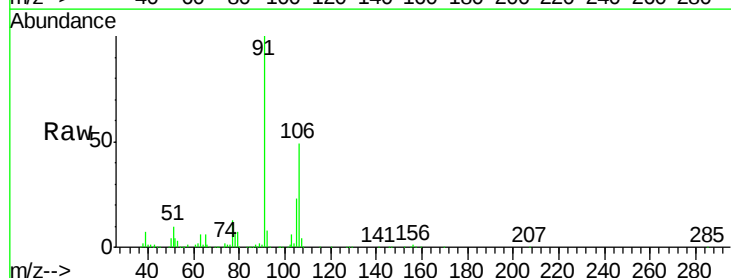
Acq: 20 Feb 2020 14:28

Tgt Ion: 106 Resp: 88096

Ion Ratio Lower Upper

106 100

91 199.7 163.3 244.9



Abundance Ion 106.00 (105.70 to 106.70): VY001638.D (-1627) (-)

Ion 91.00 (90.70 to 91.70): VY001638.D (-1627) (-)

100000

80000

60000

40000

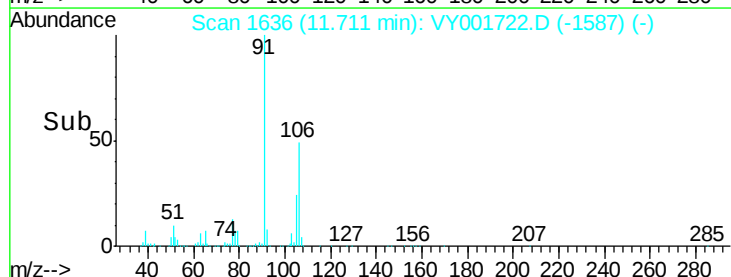
20000

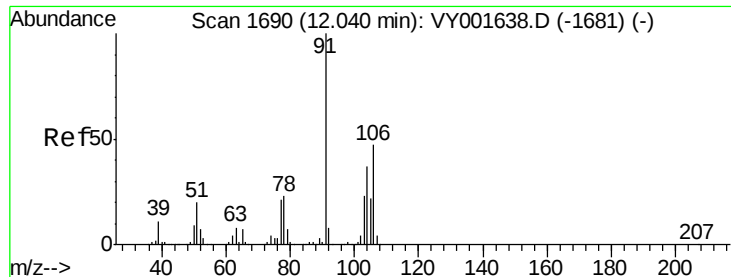
0

11.70 11.71 11.72

11.71

Time-->

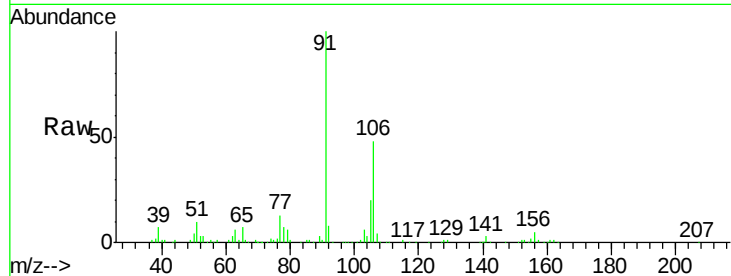




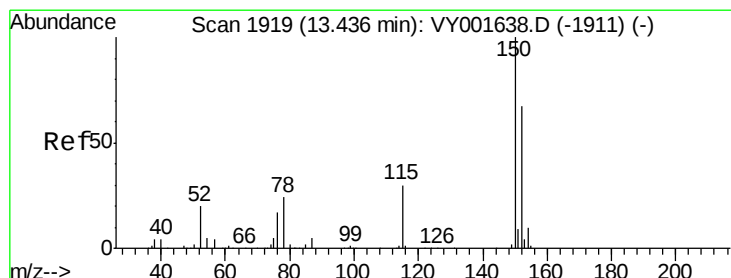
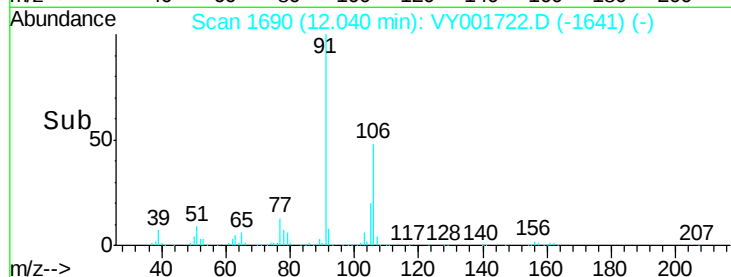
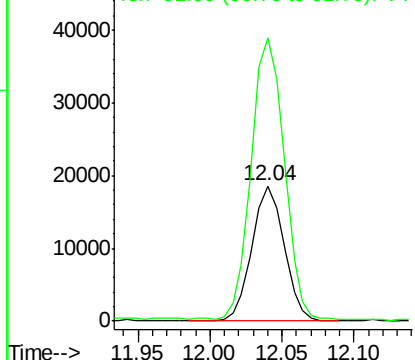
#69
o-Xylene
Concen: 6.222 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001722.D
Acq: 20 Feb 2020 14:28

Instrument :
MSVOA_Y
ClientSampleId :
SB4-4.5-5.0

Tot Ion:106 Resp: 28708
Ion Ratio Lower Upper
106 100
91 213.0 108.3 324.9

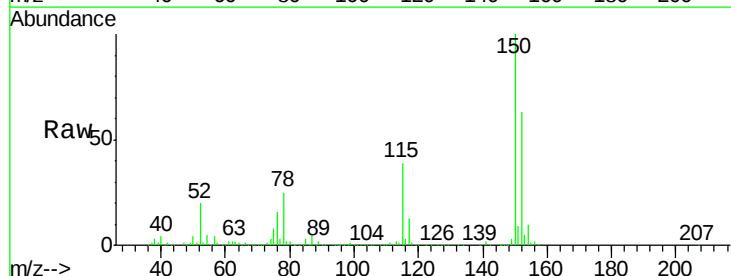


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

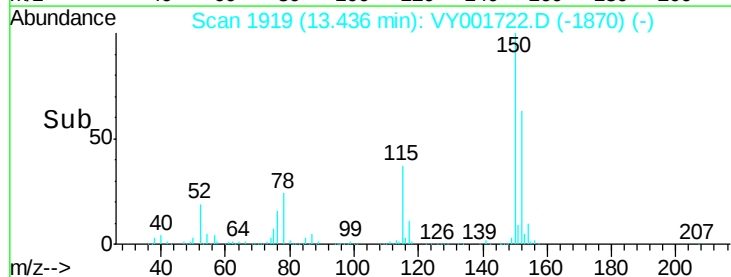
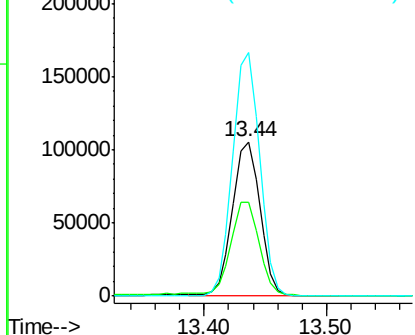


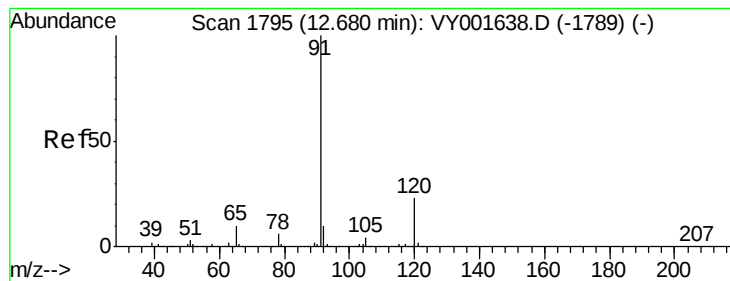
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001722.D
Acq: 20 Feb 2020 14:28

Tgt Ion:152 Resp: 165149
Ion Ratio Lower Upper
152 100
115 62.9 31.4 94.2
150 154.4 0.0 407.2



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: 2.040 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY001722.D

Acq: 20 Feb 2020 14:28

Instrument :

MSVOA_Y

ClientSampleId :

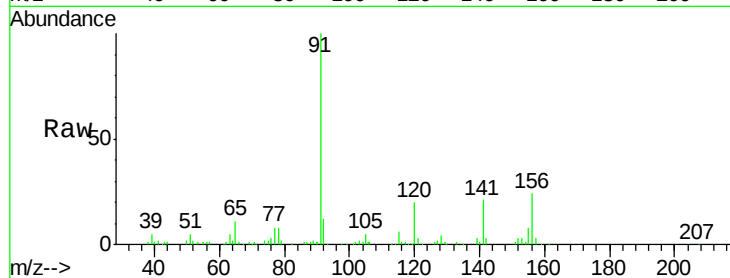
SB4-4.5-5.0

Tot Ion: 91 Resp: 31265

Ion Ratio Lower Upper

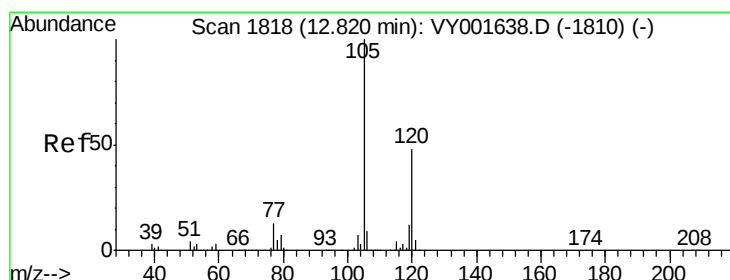
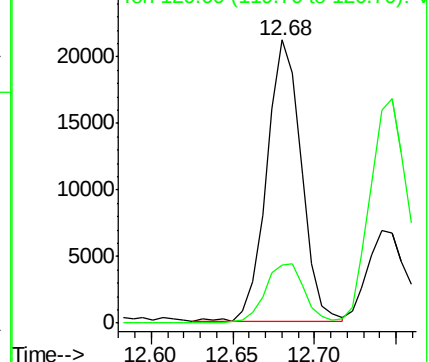
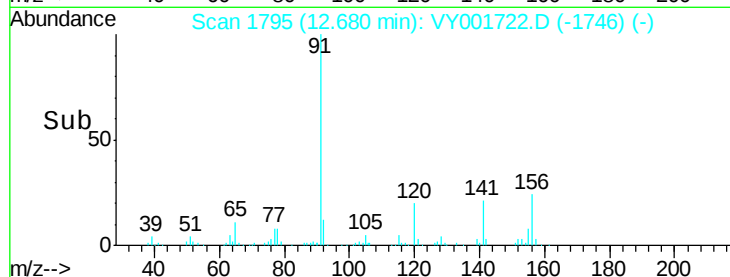
91 100

120 24.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY001722.D (-1746) (-)

Ion 120.00 (119.70 to 120.70): VY001722.D (-1746) (-)



#80

1,3,5-Trimethylbenzene

Concen: 3.139 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001722.D

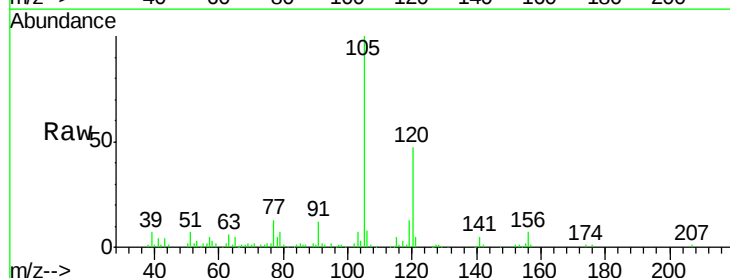
Acq: 20 Feb 2020 14:28

Tgt Ion: 105 Resp: 32690

Ion Ratio Lower Upper

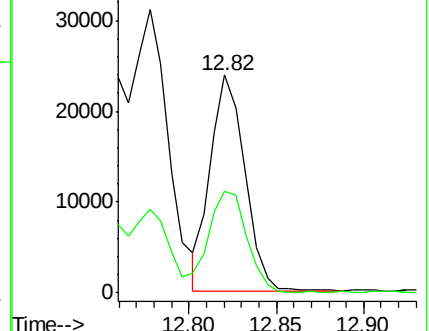
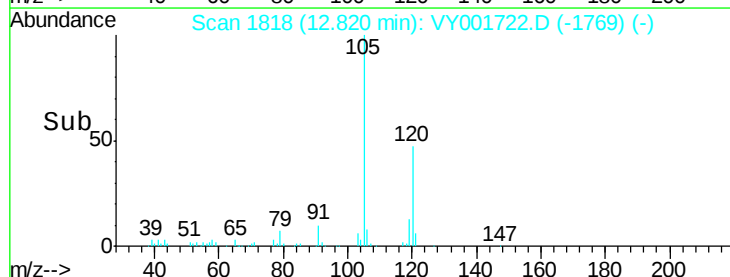
105 100

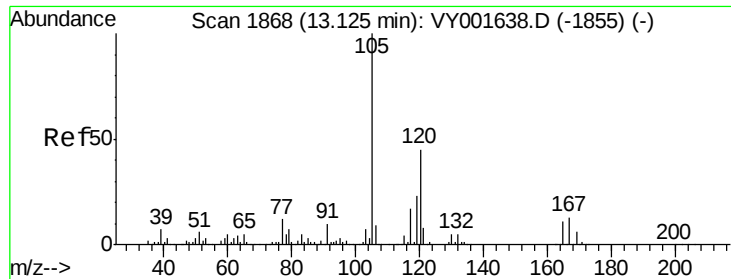
120 53.1 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VY001722.D (-1769) (-)

Ion 120.00 (119.70 to 120.70): VY001722.D (-1769) (-)

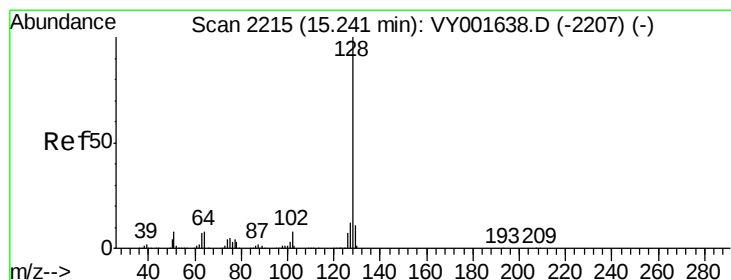
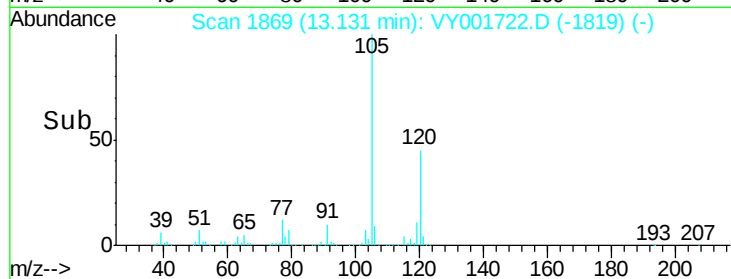
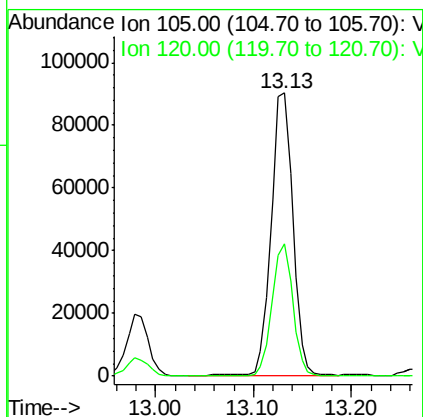
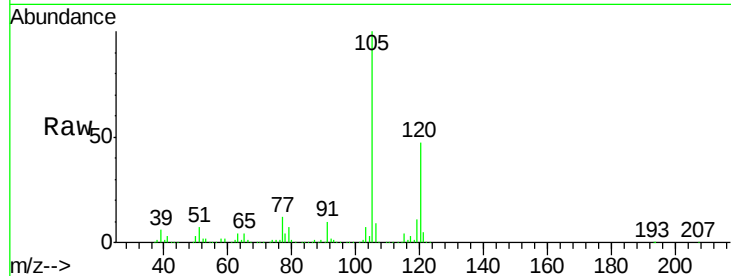




#84
 1,2,4-Trimethylbenzene
 Concen: 13.406 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY001722.D
 Acq: 20 Feb 2020 14:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB4-4.5-5.0

Tot Ion:105 Resp: 139196
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.4 67.3



#95
 Naphthalene
 Concen: 13.619 ug/l
 RT: 15.24 min Scan# 2215
 Delta R.T. 0.00 min
 Lab File: VY001722.D
 Acq: 20 Feb 2020 14:28

Tgt Ion:128 Resp: 101580
 Ion Ratio Lower Upper
 128 100
 127 12.9 9.9 14.9
 129 11.2 8.6 13.0

