

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
 Data File : VY002638.D
 Acq On : 08 May 2020 13:30
 Operator : SY/MD
 Sample : L2557-05
 Misc : 6.90G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-13-(1-2)

Quant Time: May 11 01:44:58 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

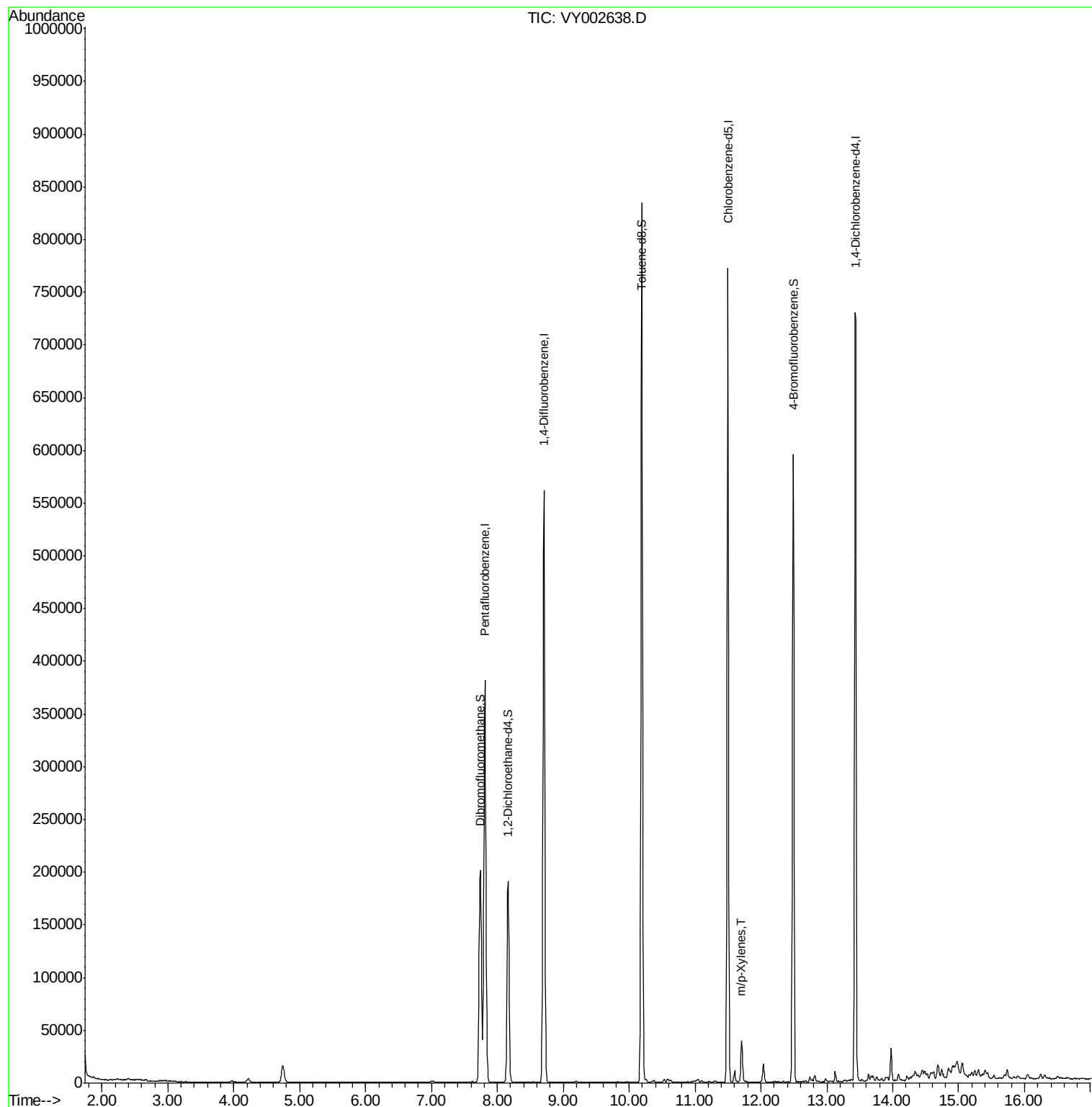
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	322604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	501786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	441809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	204926	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	144627	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
35) Dibromofluoromethane	7.74	113	145349	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
50) Toluene-d8	10.19	98	581627	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
62) 4-Bromofluorobenzene	12.49	95	181941	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
Target Compounds						
68) m/p-Xylenes	11.71	106	13139	2.302	ug/l	Qvalue 97

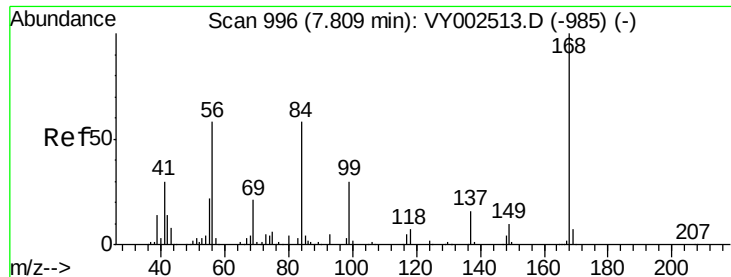
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002638.D

Acq: 08 May 2020 13:30

Instrument :

MSVOA_Y

ClientSampleId :

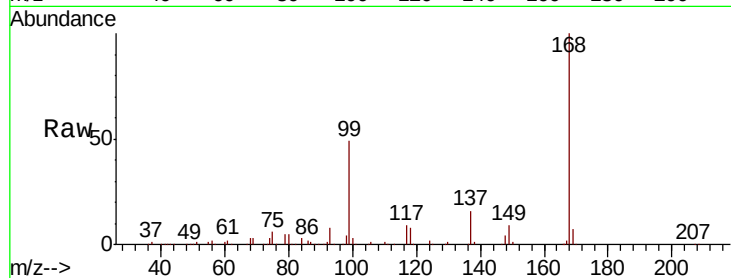
TP-13-(1-2)

Tot Ion:168 Resp: 322604

Ion Ratio Lower Upper

168 100

99 49.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002638.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002638.D (-947) (-)

7.81

150000

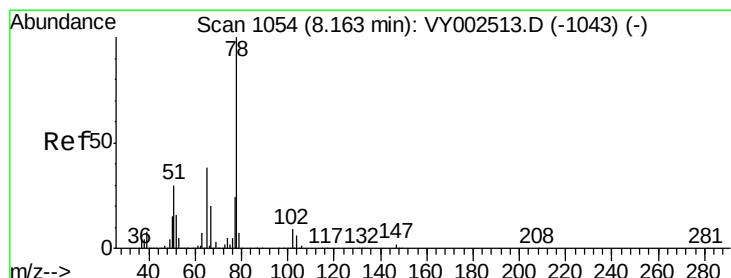
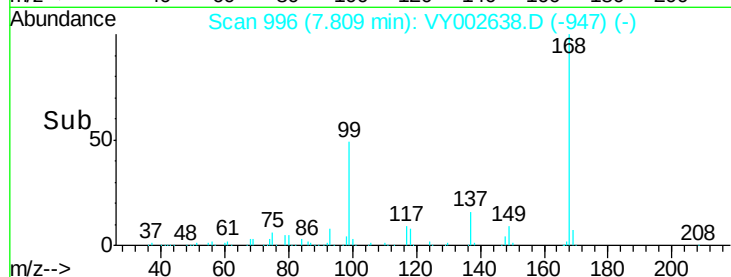
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.318 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VY002638.D

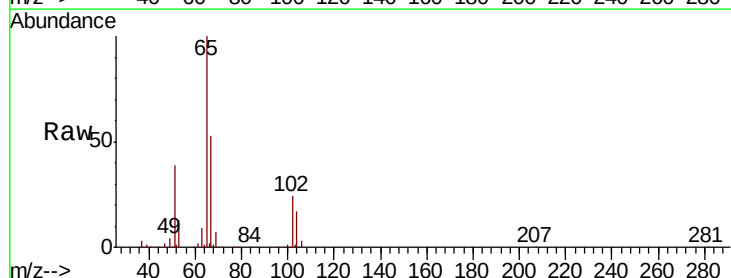
Acq: 08 May 2020 13:30

Tgt Ion: 65 Resp: 144627

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY002638.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY002638.D (-1005) (-)

8.16

80000

60000

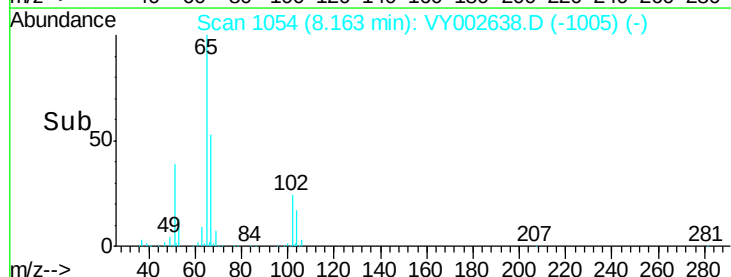
40000

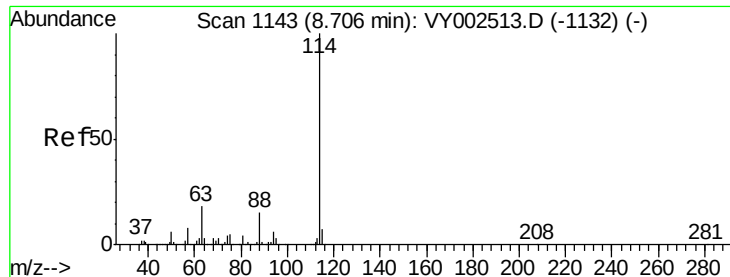
20000

0

8.05 8.10 8.15 8.20 8.25

Time-->

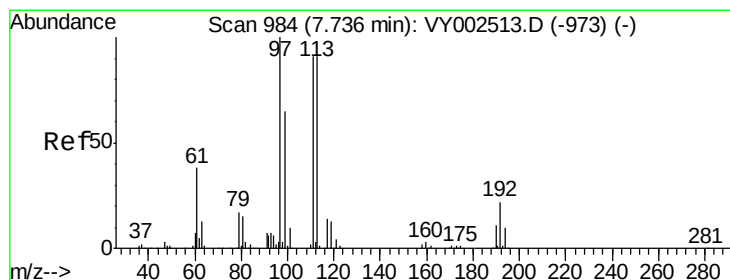
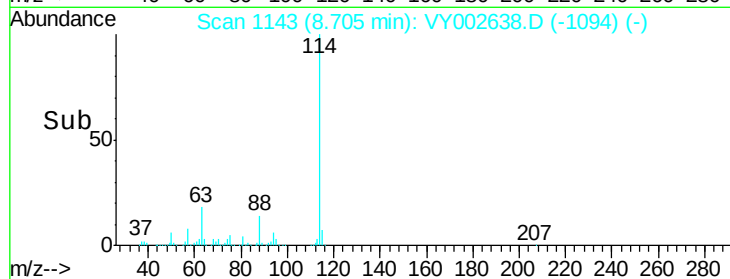
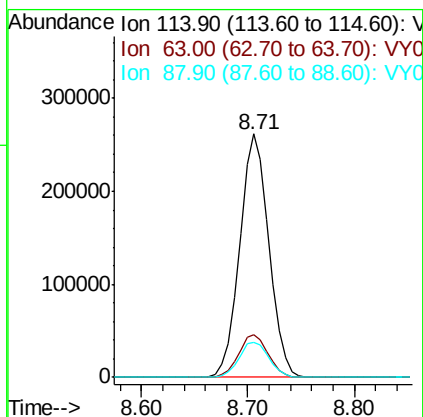
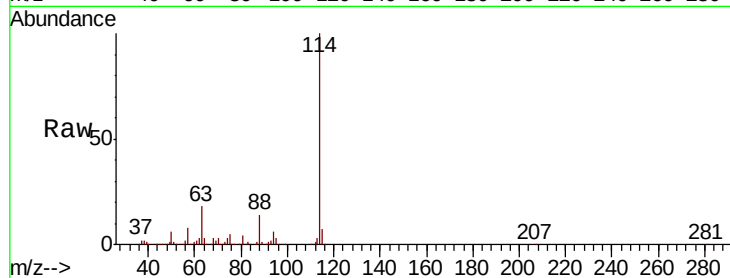




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002638.D
 Acq: 08 May 2020 13:30

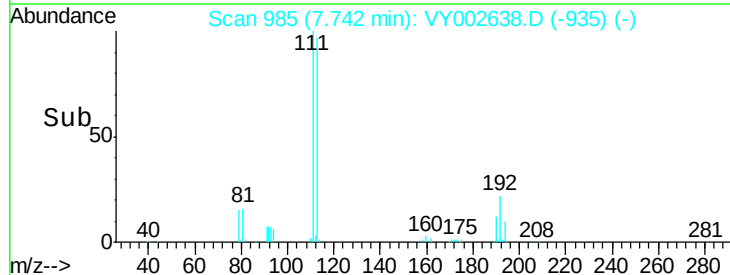
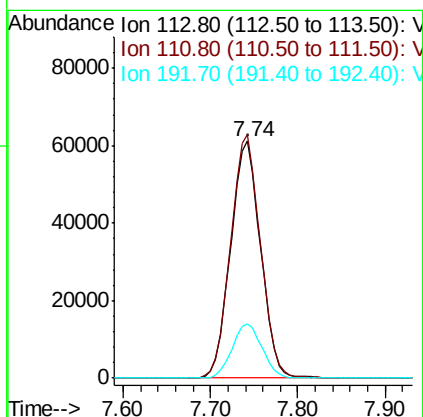
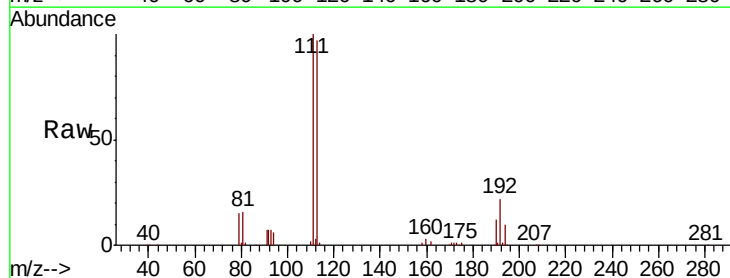
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-13-(1-2)

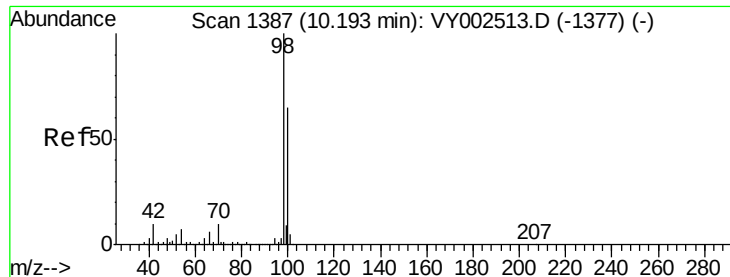
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	36.4
88	14.1	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 50.649 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002638.D
 Acq: 08 May 2020 13:30

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.6
192	23.1	18.2	27.4





#50

Toluene-d8

Concen: 51.900 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002638.D

Acq: 08 May 2020 13:30

Instrument :

MSVOA_Y

ClientSampled :

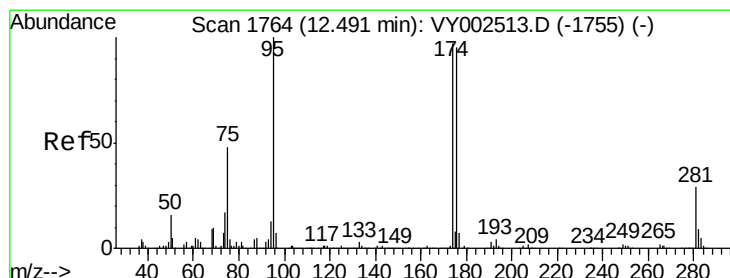
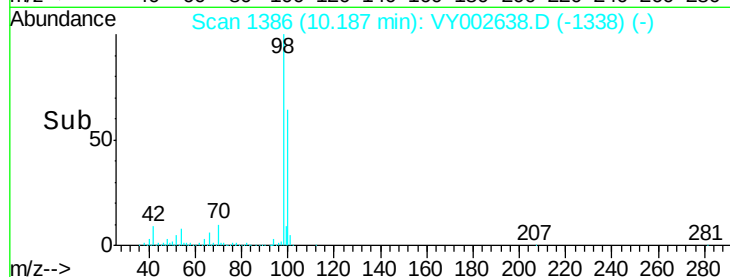
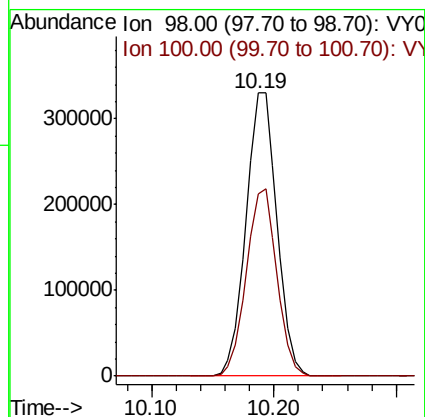
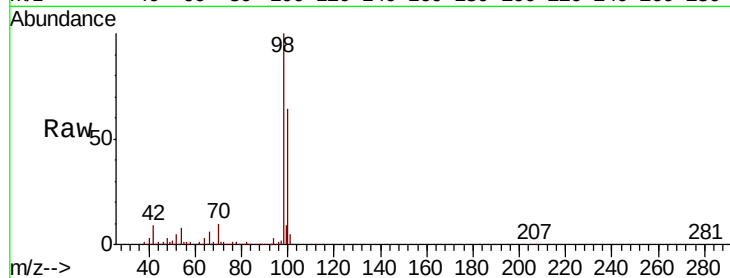
TP-13-(1-2)

Tot Ion: 98 Resp: 581627

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 47.845 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002638.D

Acq: 08 May 2020 13:30

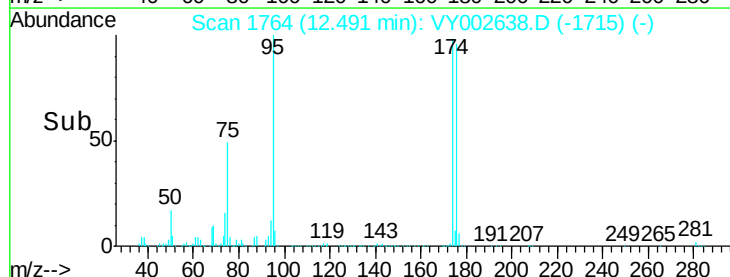
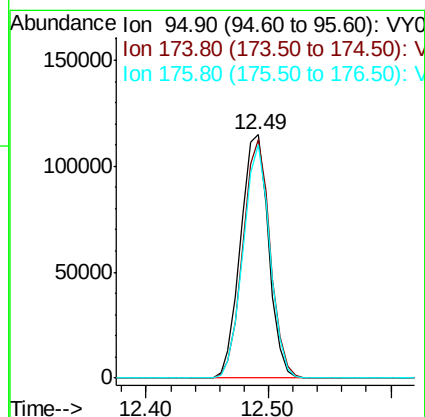
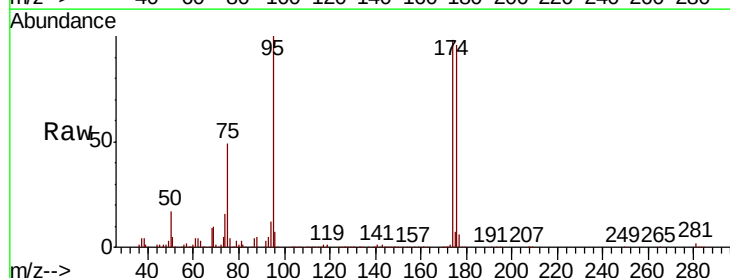
Tgt Ion: 95 Resp: 181941

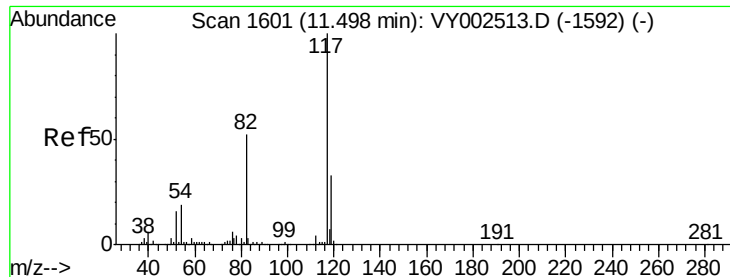
Ion Ratio Lower Upper

95 100

174 95.3 0.0 188.8

176 91.8 0.0 183.2

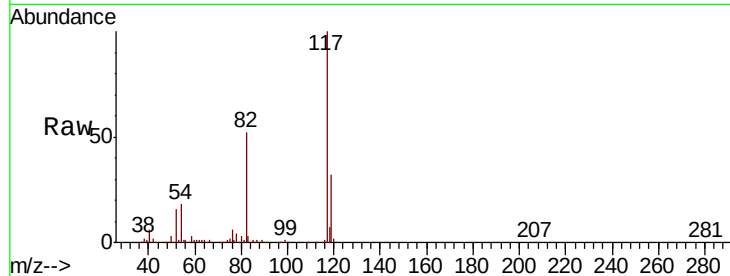




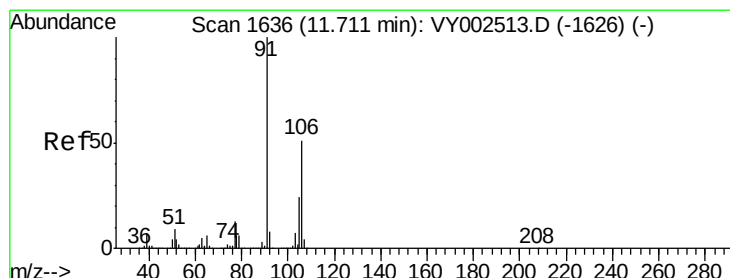
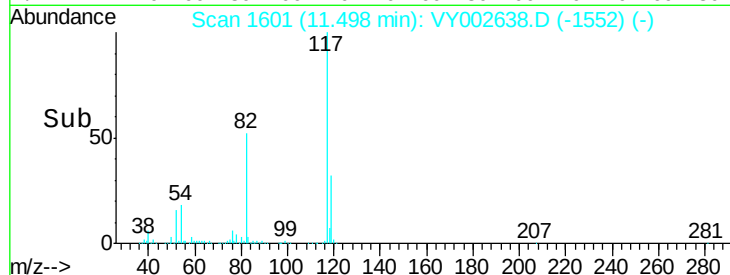
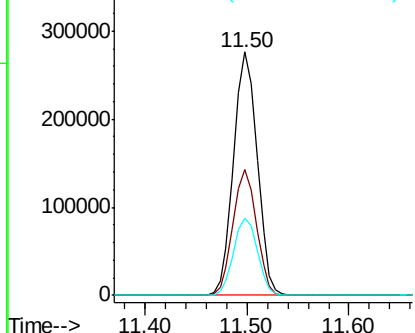
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002638.D
Acq: 08 May 2020 13:30

Instrument :
MSVOA_Y
ClientSampled :
TP-13-(1-2)

Tot Ion:117 Resp: 441809
Ion Ratio Lower Upper
117 100
82 51.6 41.3 61.9
119 31.8 26.0 39.0

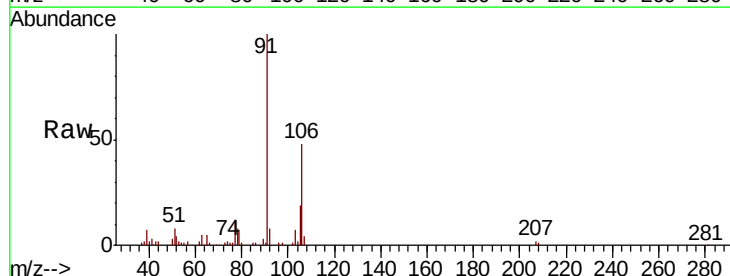


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

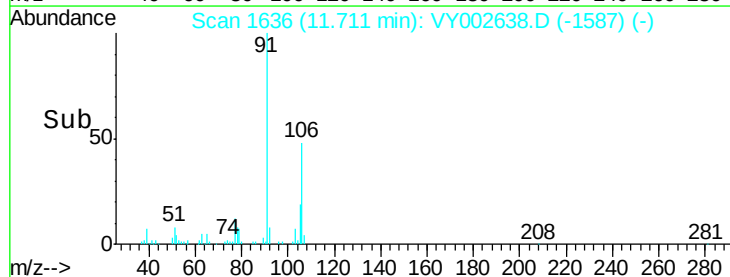
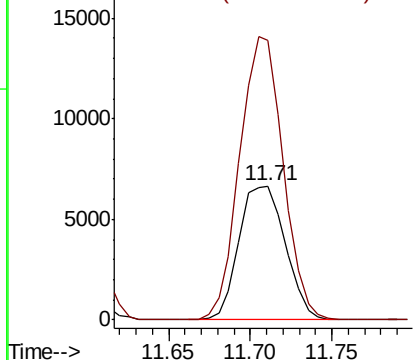


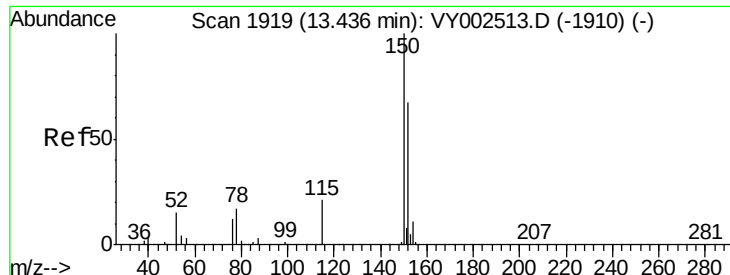
#68
m/p-Xylenes
Concen: 2.302 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY002638.D
Acq: 08 May 2020 13:30

Tgt Ion:106 Resp: 13139
Ion Ratio Lower Upper
106 100
91 198.4 155.2 232.8



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: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY002638.D

Acq: 08 May 2020 13:30

Instrument :

MSVOA_Y

ClientSampleId :

TP-13-(1-2)

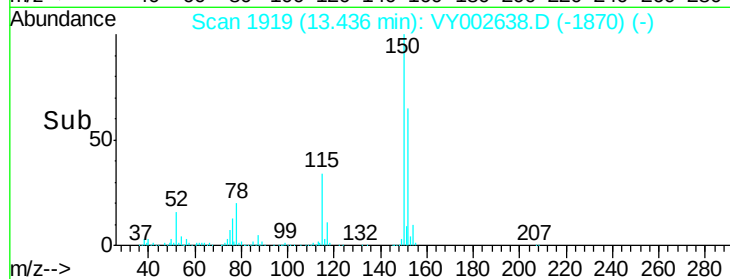
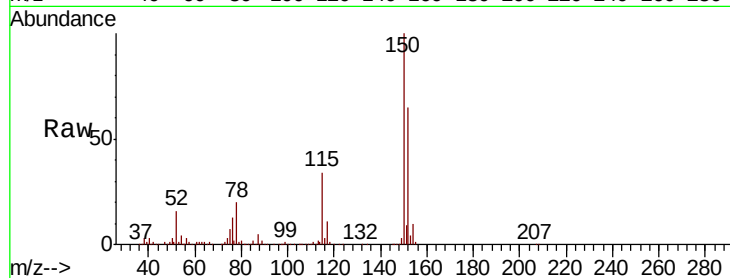
Tot Ion:152 Resp: 204926

Ion Ratio Lower Upper

152 100

115 53.4 27.5 82.4

150 156.3 0.0 346.4



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

