

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY103119\
 Data File : VY000506.D
 Acq On : 31 Oct 2019 15:25
 Operator : SY/MD
 Sample : K5615-05
 Misc : 7.45G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 01 08:56:55 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M

Quant Title : SW846 8260

QLast Update : Wed Oct 30 13:30:53 2019

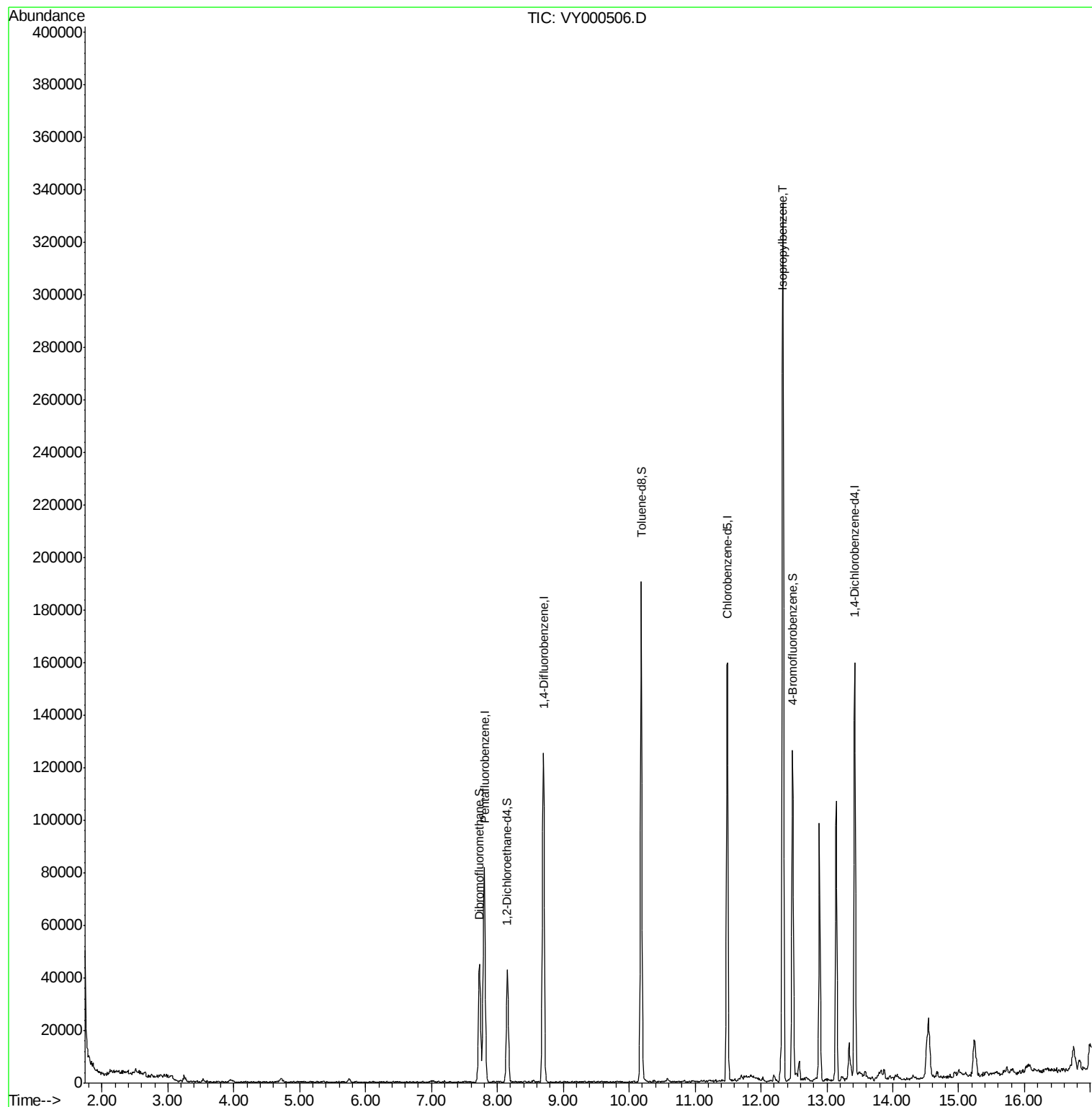
Response via : Initial Calibration

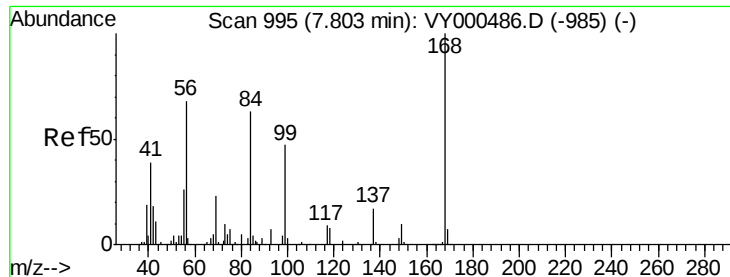
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	63429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	105870	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	87063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	37592	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	33482	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
35) Dibromofluoromethane	7.73	113	30256	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
50) Toluene-d8	10.18	98	118171	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.48	95	34408	38.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.64%	
Target Compounds						
73) Isopropylbenzene	12.34	105	13777	4.959	ug/l #	Qvalue 54

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000506.D

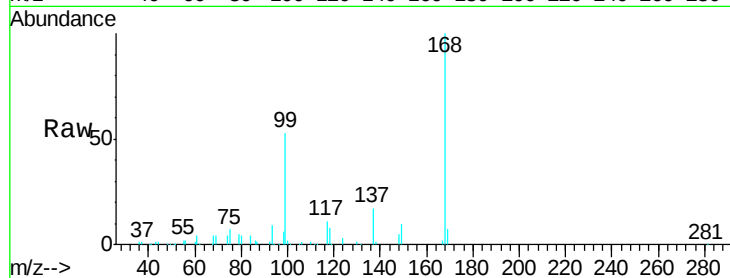
Acq: 31 Oct 2019 15:25

Tgt Ion: 168 Resp: 63429

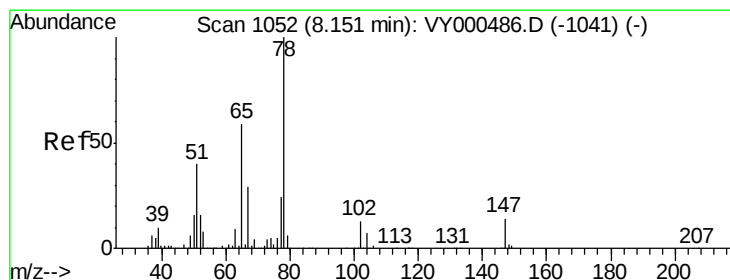
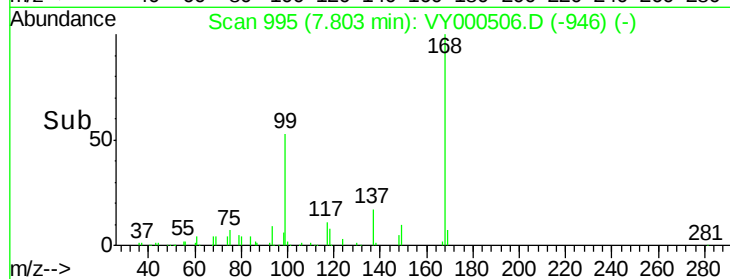
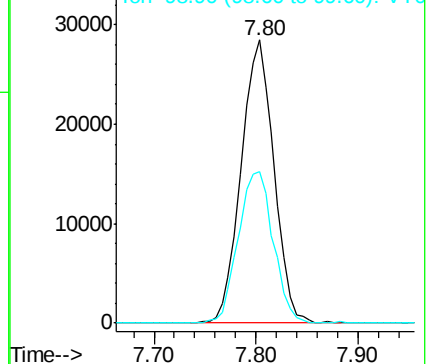
Ion Ratio Lower Upper

168 100

99 53.5 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)



#33

1,2-Dichloroethane-d4

Concen: 51.008 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000506.D

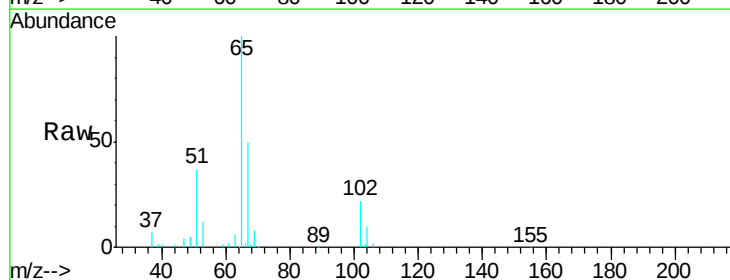
Acq: 31 Oct 2019 15:25

Tgt Ion: 65 Resp: 33482

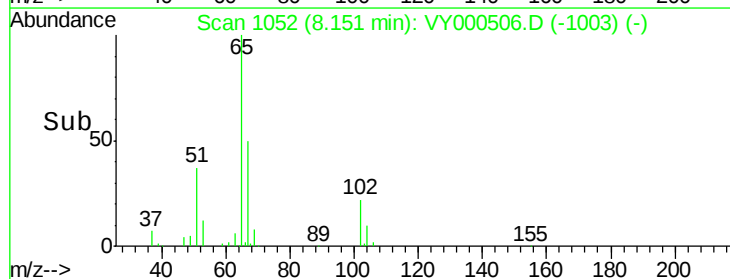
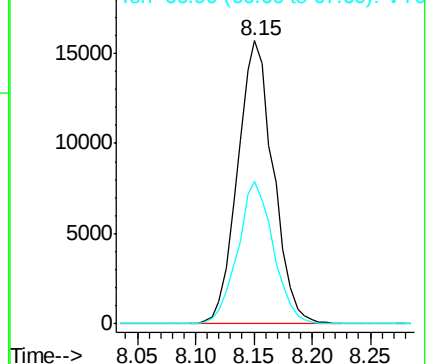
Ion Ratio Lower Upper

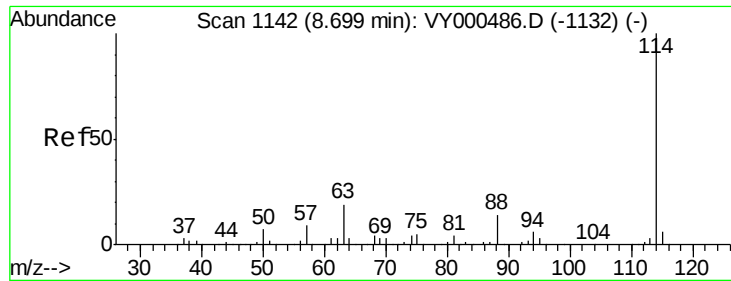
65 100

67 50.2 0.0 107.2



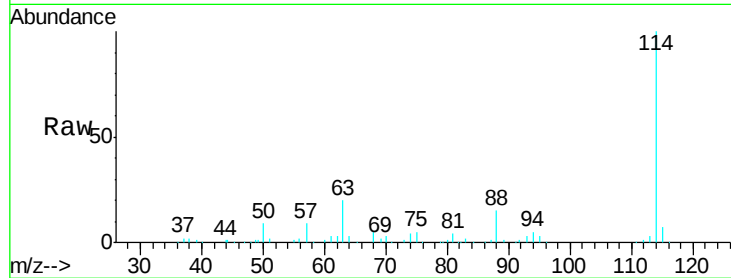
Abundance Ion 64.90 (64.60 to 65.60): VY000486.D (-1041) (-)



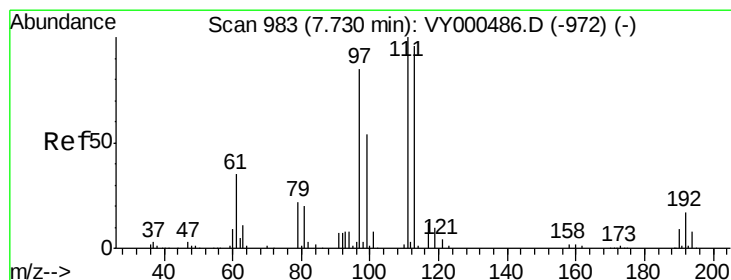
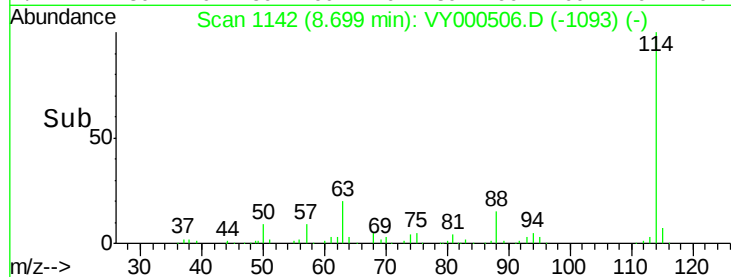
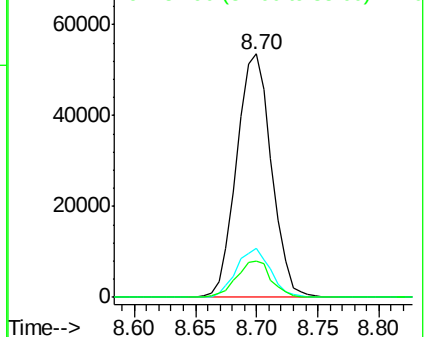


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000506.D
 Acq: 31 Oct 2019 15:25

Tgt Ion:114 Resp: 105870
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.0
 88 15.0 0.0 28.6

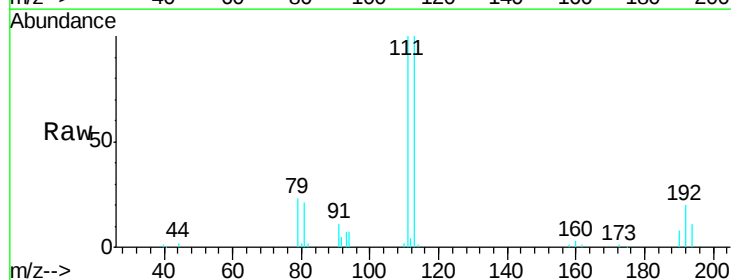


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

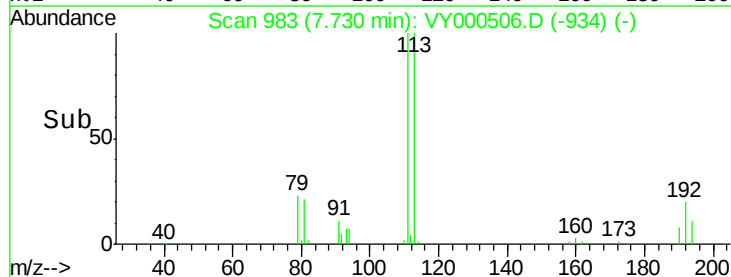
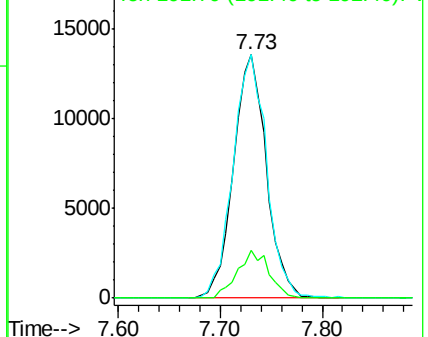


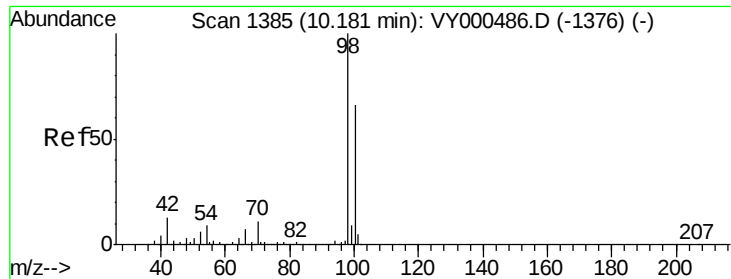
#35
 Dibromofluoromethane
 Concen: 48.680 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000506.D
 Acq: 31 Oct 2019 15:25

Tgt Ion:113 Resp: 30256
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.7 122.5
 192 18.8 15.0 22.4



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: 50.107 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000506.D

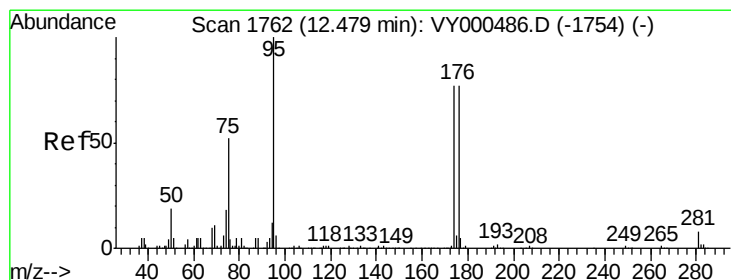
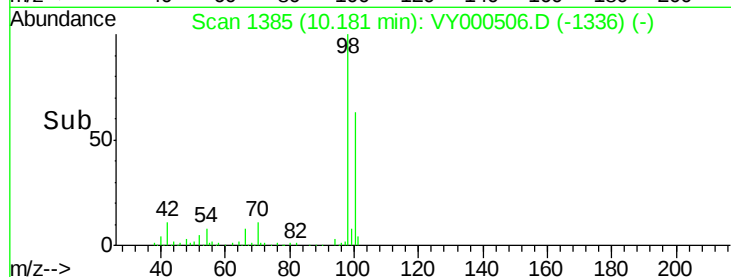
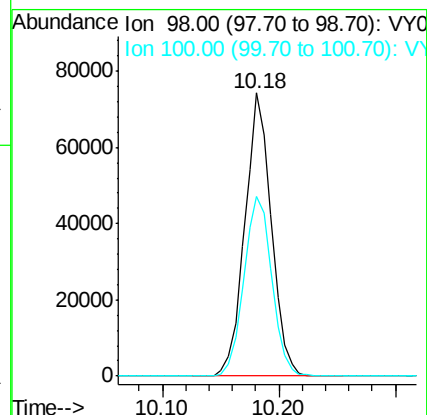
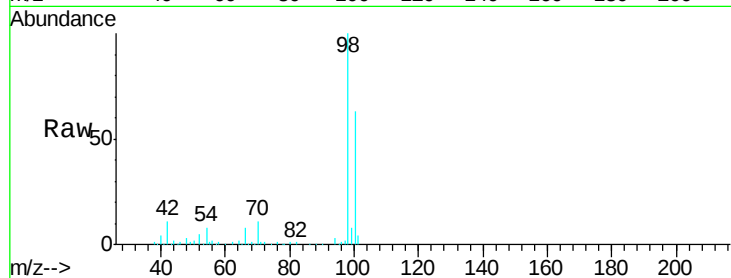
Acq: 31 Oct 2019 15:25

Tgt Ion: 98 Resp: 118171

Ion Ratio Lower Upper

98 100

100 66.7 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 38.324 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000506.D

Acq: 31 Oct 2019 15:25

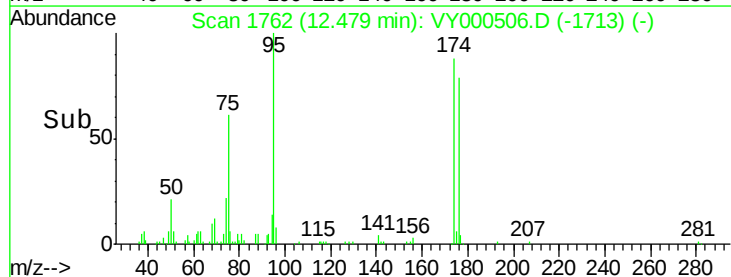
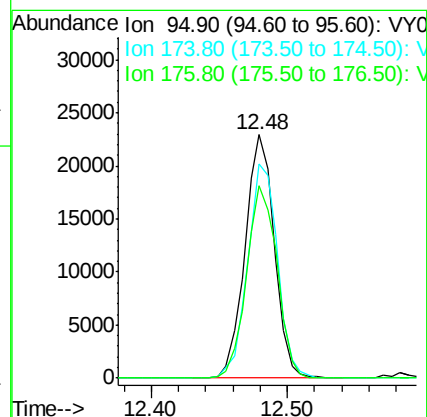
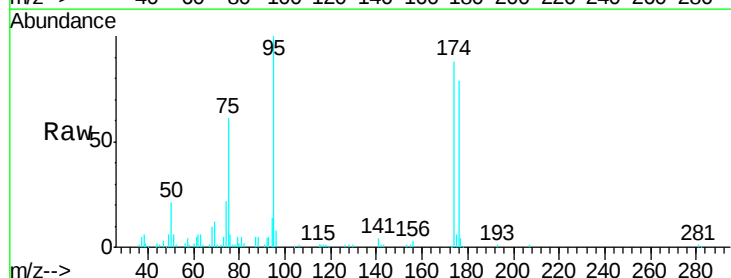
Tgt Ion: 95 Resp: 34408

Ion Ratio Lower Upper

95 100

174 90.5 0.0 161.6

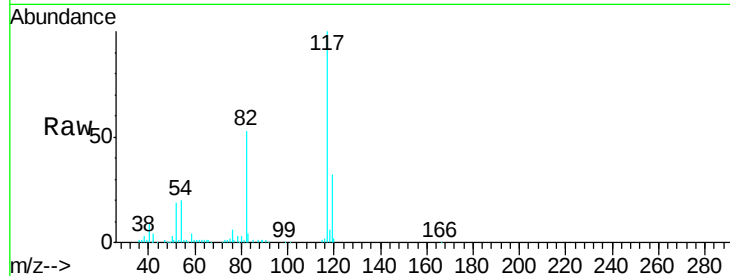
176 82.4 0.0 157.8



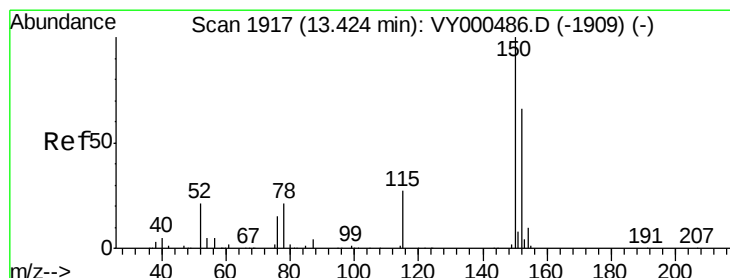
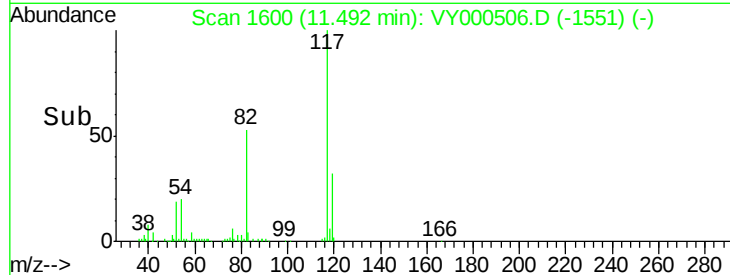
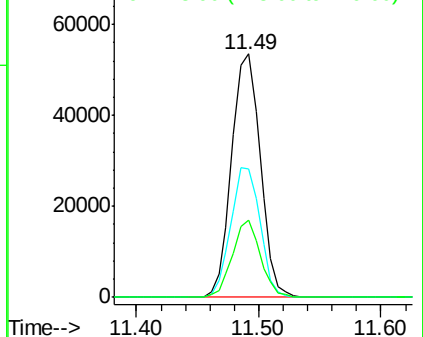


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000506.D
Acq: 31 Oct 2019 15:25

Tgt Ion:117 Resp: 87063
Ion Ratio Lower Upper
117 100
82 53.0 40.8 61.2
119 31.6 26.2 39.2

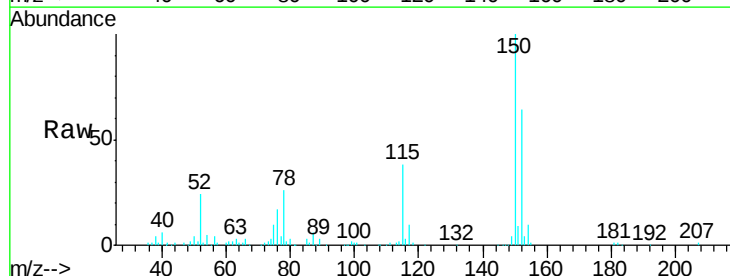


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

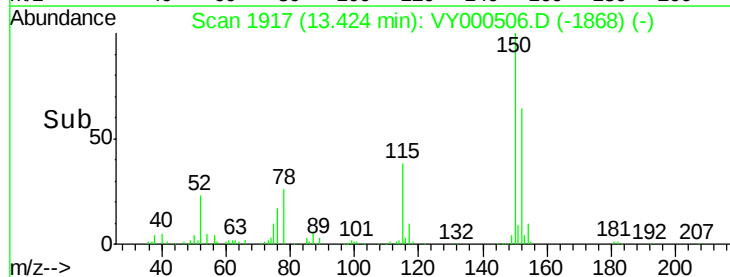
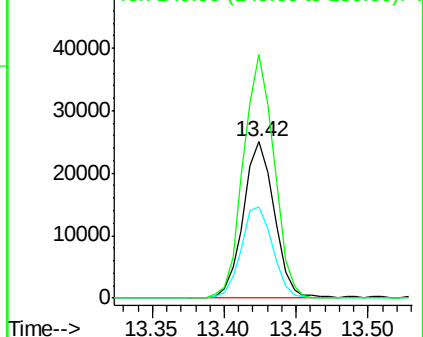


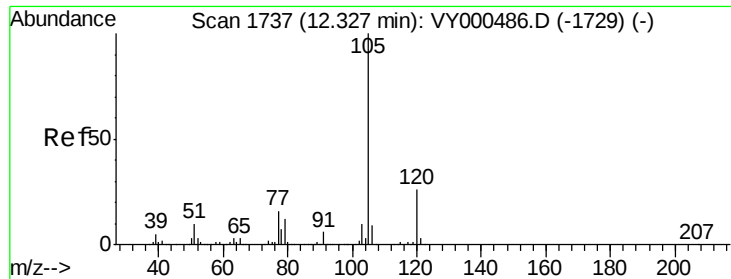
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000506.D
Acq: 31 Oct 2019 15:25

Tgt Ion:152 Resp: 37592
Ion Ratio Lower Upper
152 100
115 59.4 29.1 87.4
150 152.3 0.0 348.8



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





#73

Isopropylbenzene

Concen: 4.959 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY000506.D

Acq: 31 Oct 2019 15:25

Tgt Ion:105 Resp: 13777

Ion Ratio Lower Upper

105 100

120 3.1 13.5 40.4#

