

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
 Data File : VY000541.D
 Acq On : 06 Nov 2019 11:12
 Operator : SY/MD
 Sample : VY1106SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBL01

Quant Time: Nov 07 05:05:57 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	223335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	392429	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	345715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	154529	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	129746	56.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.28%	
35) Dibromofluoromethane	7.73	113	116977	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
50) Toluene-d8	10.18	98	457838	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
62) 4-Bromofluorobenzene	12.48	95	152617	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	

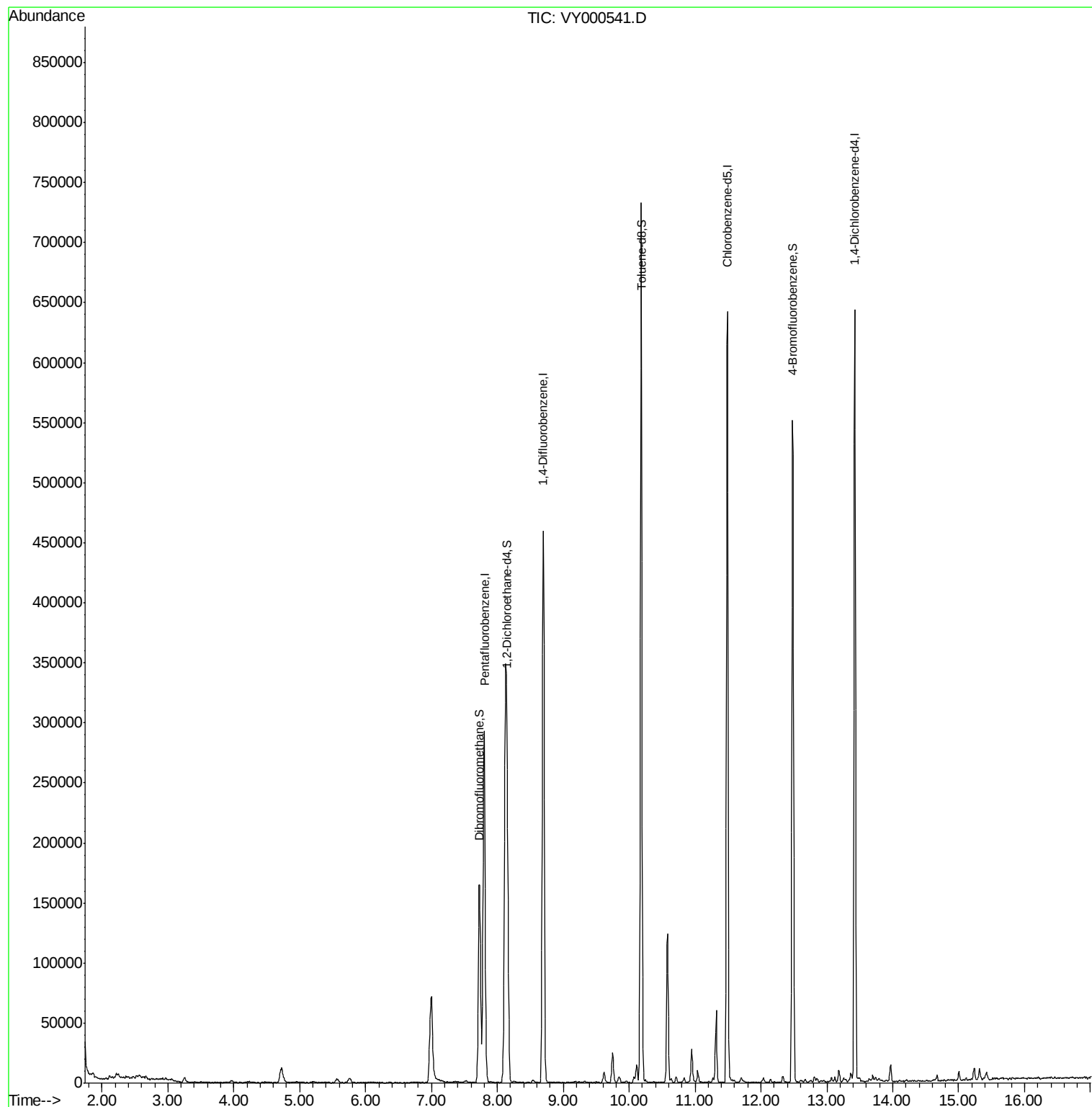
Target Compounds	Qvalue
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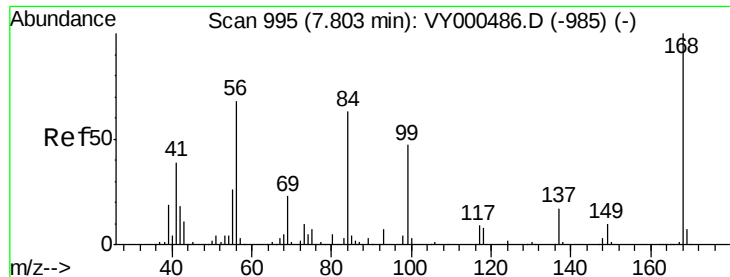
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000541.D

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ClientSampleId :

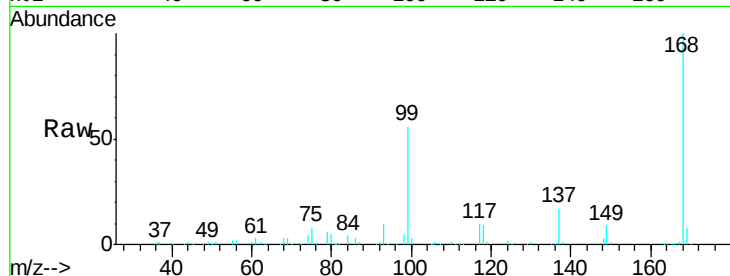
VY1106SBL01

Tgt Ion:168 Resp: 223335

Ion Ratio Lower Upper

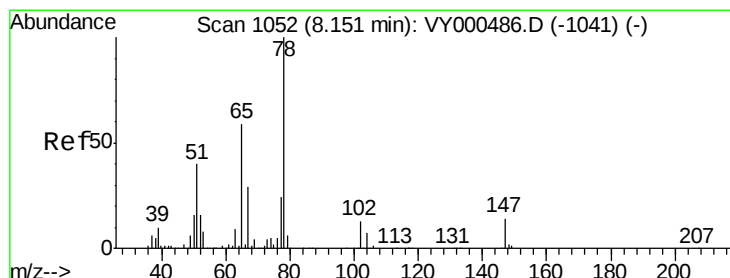
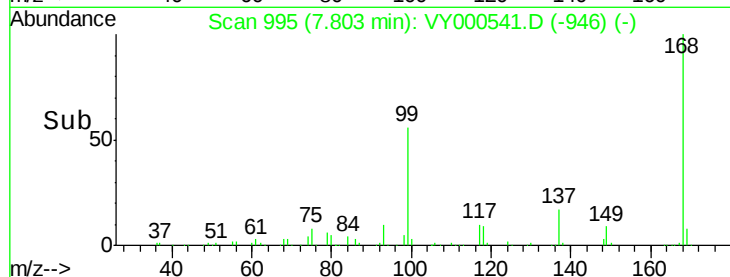
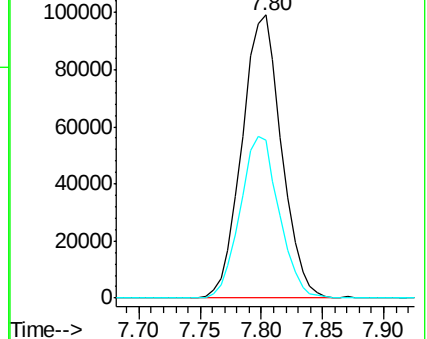
168 100

99 55.6 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000541.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000541.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.137 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000541.D

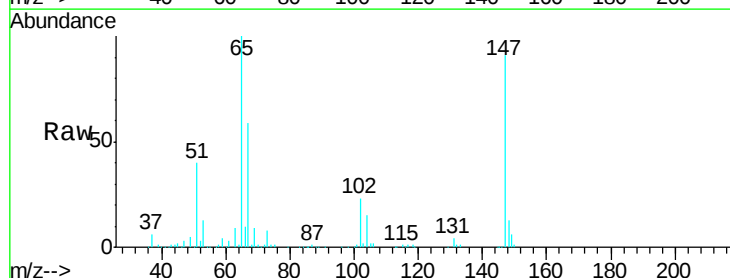
Acq: 06 Nov 2019 11:12

Tgt Ion: 65 Resp: 129746

Ion Ratio Lower Upper

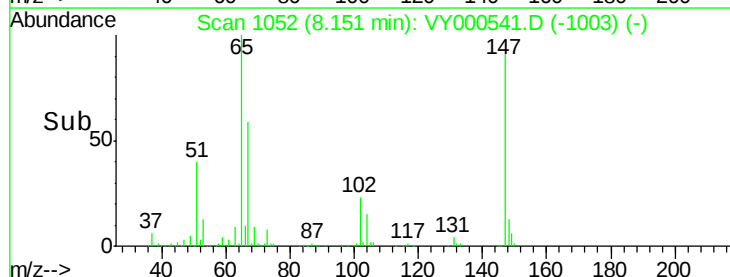
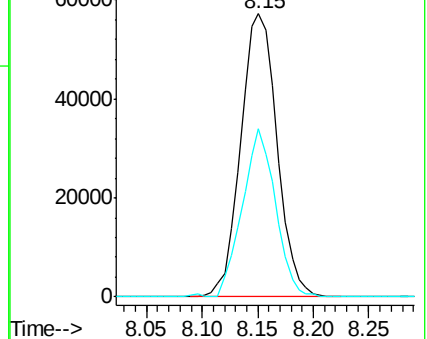
65 100

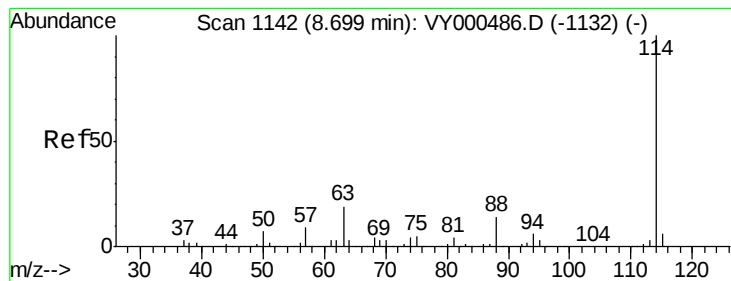
67 54.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY000541.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY000541.D (-1003) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY000541.D

Acq: 06 Nov 2019 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1106SBL01

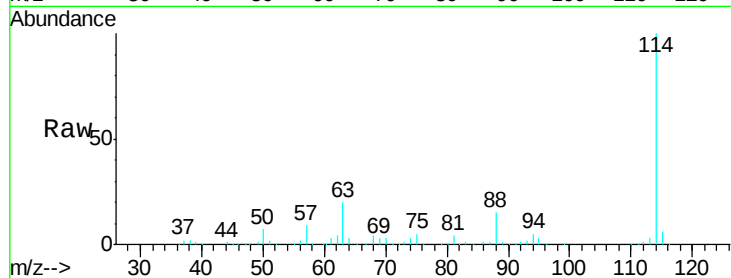
Tgt Ion:114 Resp: 392429

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.0

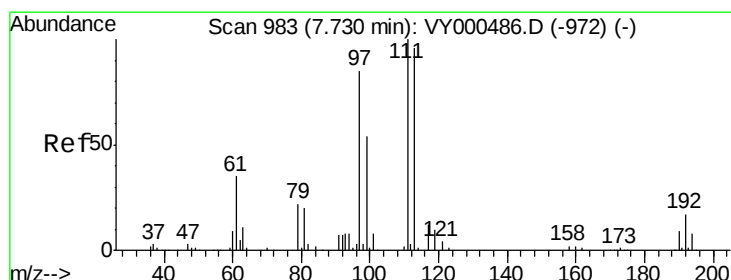
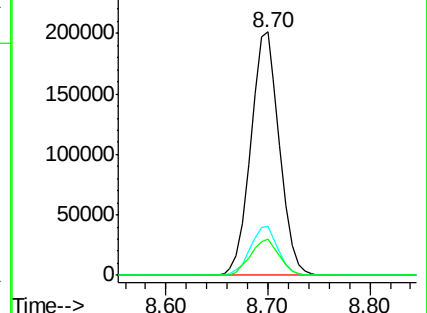
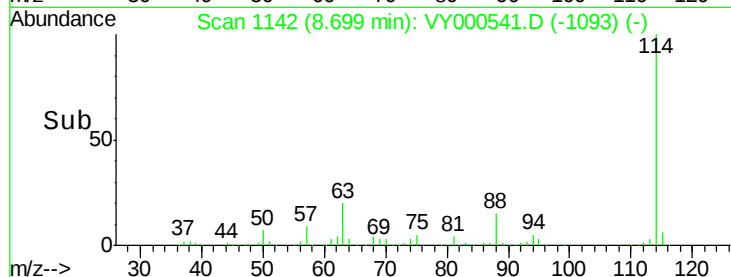
88 14.9 0.0 28.6



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: 50.775 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000541.D

Acq: 06 Nov 2019 11:12

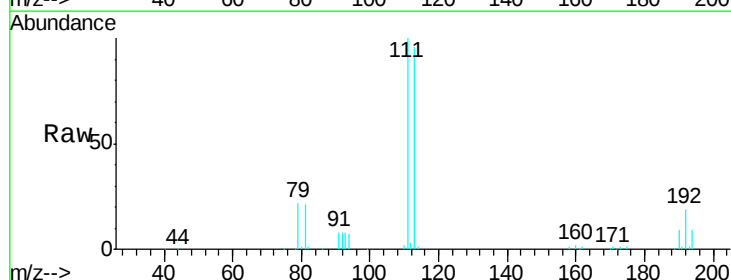
Tgt Ion:113 Resp: 116977

Ion Ratio Lower Upper

113 100

111 100.5 81.7 122.5

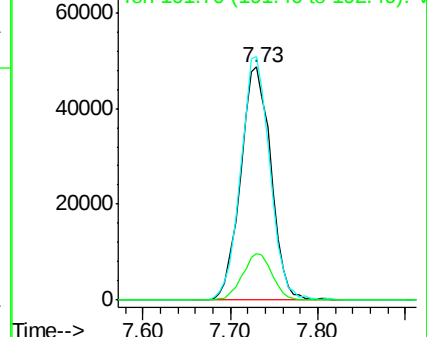
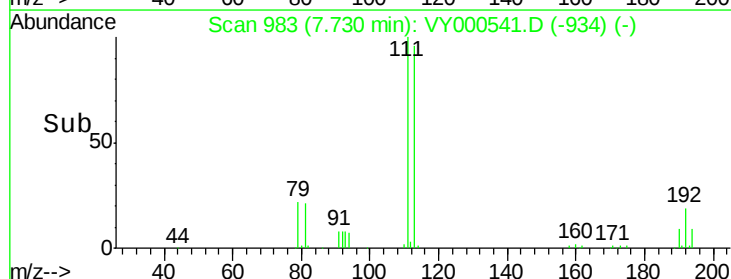
192 19.3 15.0 22.4

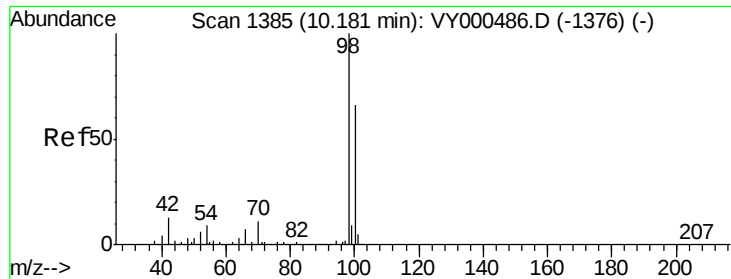


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.374 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000541.D

Acq: 06 Nov 2019 11:12

Instrument :

MSVOA_Y

ClientSampleId :

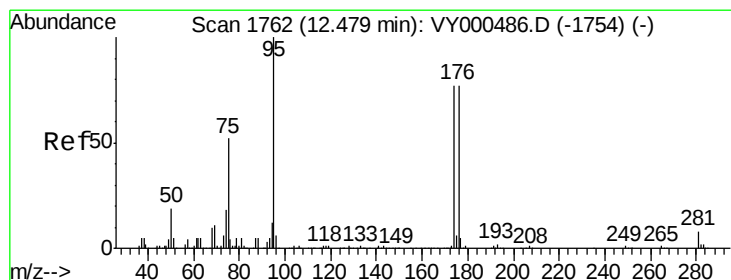
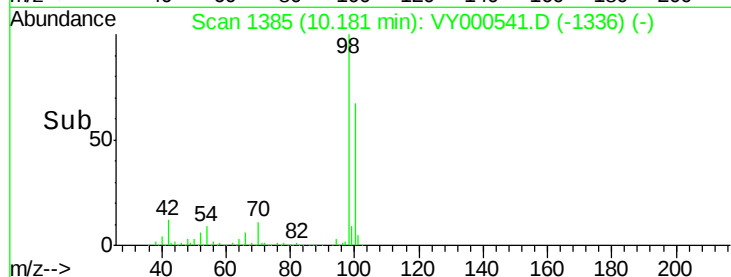
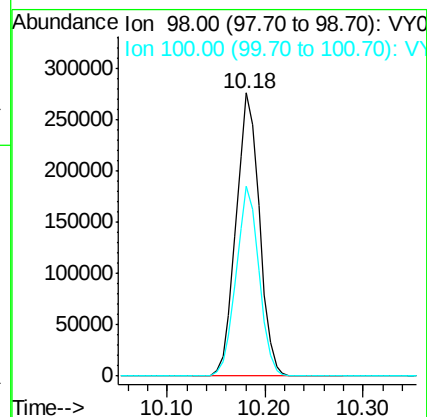
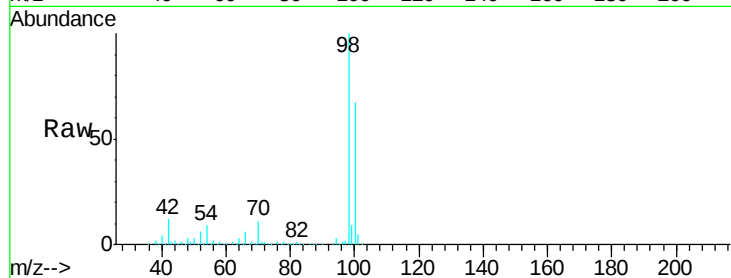
VY1106SBL01

Tgt Ion: 98 Resp: 457838

Ion Ratio Lower Upper

98 100

100 65.8 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 45.859 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000541.D

Acq: 06 Nov 2019 11:12

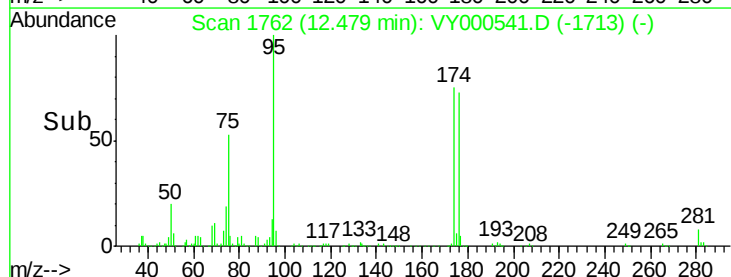
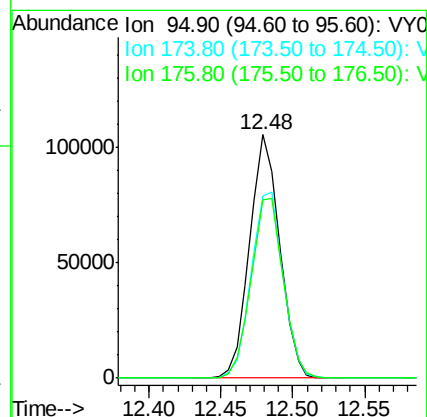
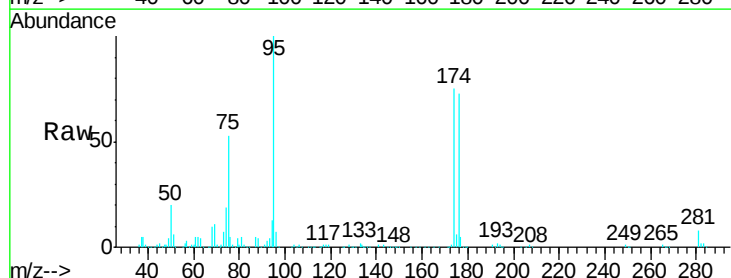
Tgt Ion: 95 Resp: 152617

Ion Ratio Lower Upper

95 100

174 80.6 0.0 161.6

176 78.7 0.0 157.8

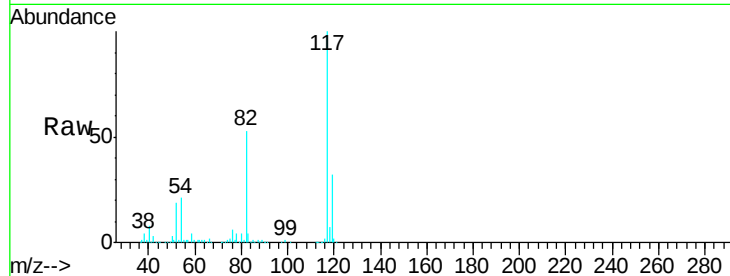




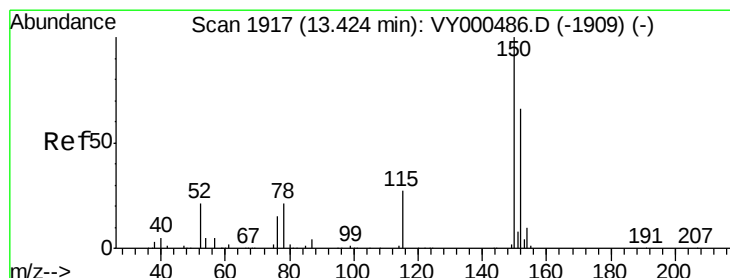
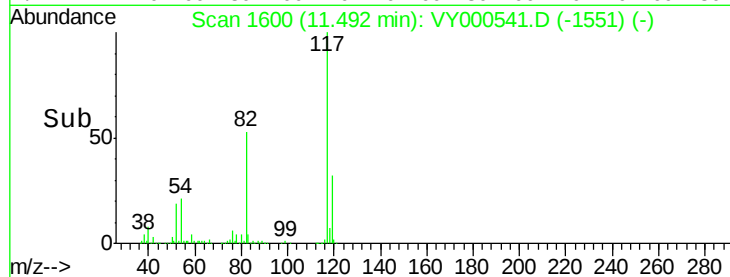
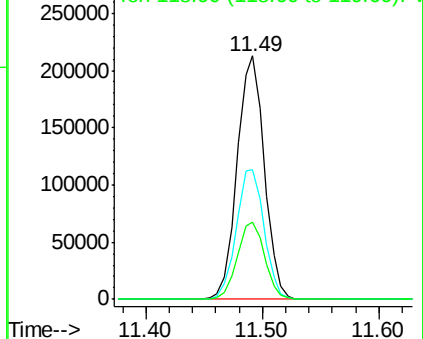
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000541.D
Acq: 06 Nov 2019 11:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1106SBL01

Tgt Ion:117 Resp: 345715
Ion Ratio Lower Upper
117 100
82 53.0 40.8 61.2
119 32.0 26.2 39.2

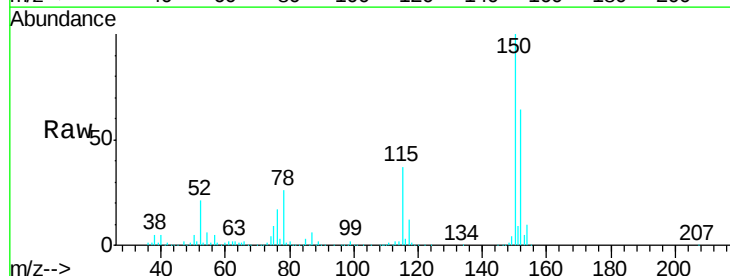


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000541.D
Acq: 06 Nov 2019 11:12

Tgt Ion:152 Resp: 154529
Ion Ratio Lower Upper
152 100
115 57.7 29.1 87.4
150 155.1 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

