

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000881.D
 Acq On : 05 Dec 2019 14:33
 Operator : SY/MD
 Sample : K6147-05
 Misc : 4.72G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-WC005

Quant Time: Dec 06 04:44:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	218850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	413684	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	367299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	165738	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	136481	58.69	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	117.38%	
35) Dibromofluoromethane	7.73	113	119056	49.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.76%	
50) Toluene-d8	10.18	98	493554	51.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	12.48	95	161909	44.73	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.46%	

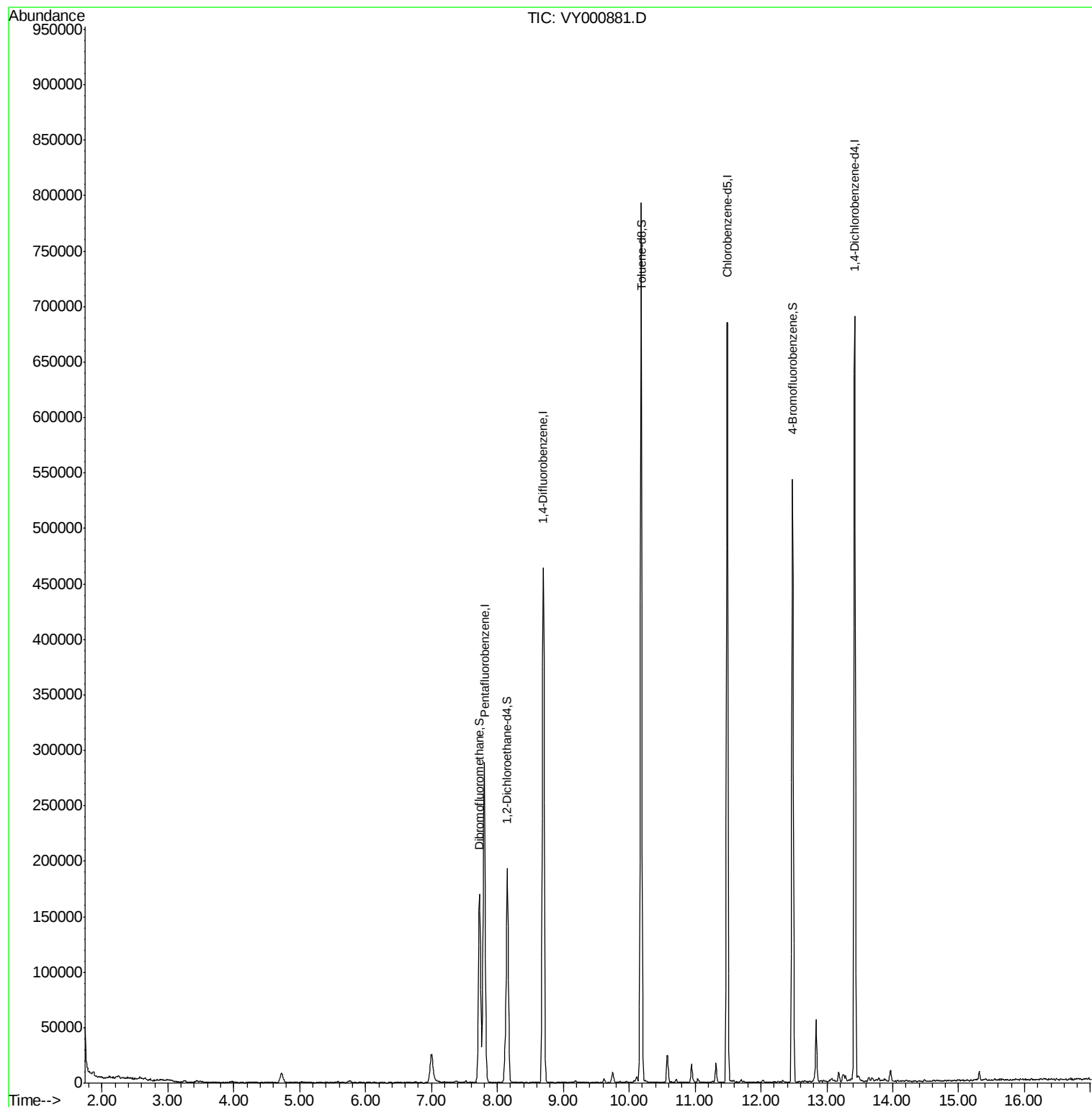
Target Compounds	Qvalue
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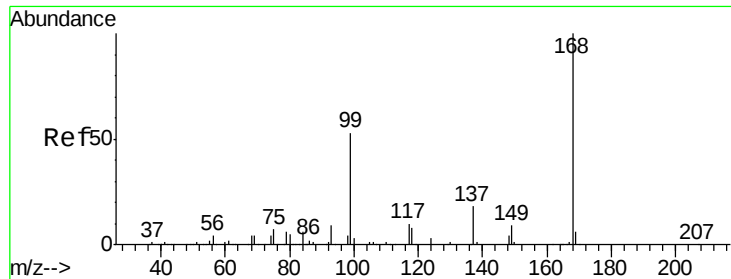
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000881.D

Acq: 05 Dec 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

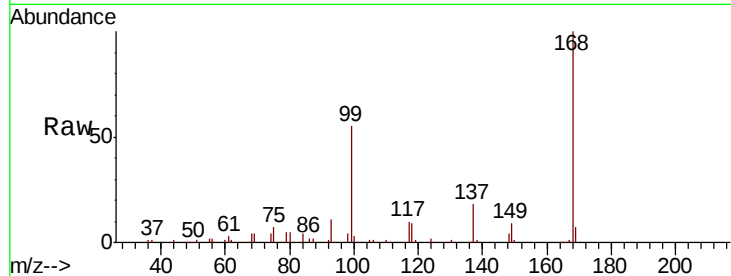
P001-WC005

Tot Ion:168 Resp: 218850

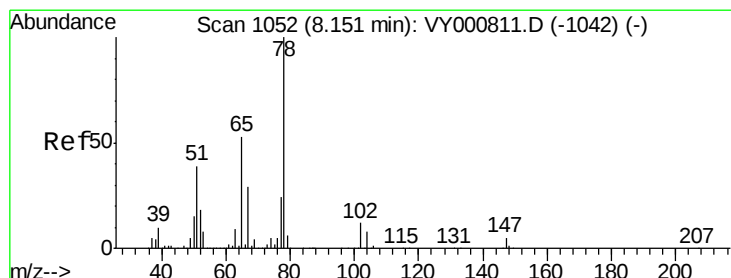
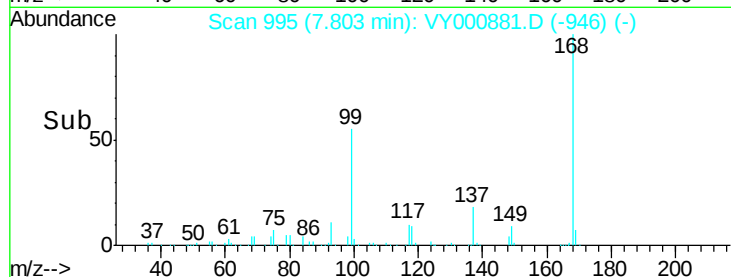
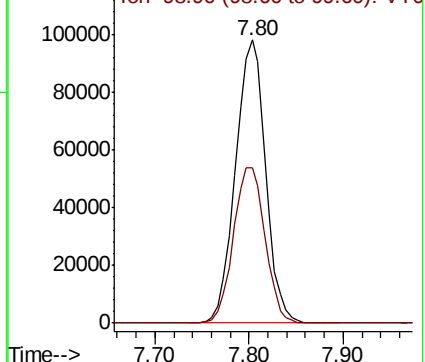
Ion Ratio Lower Upper

168 100

99 54.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000881.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 58.690 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000881.D

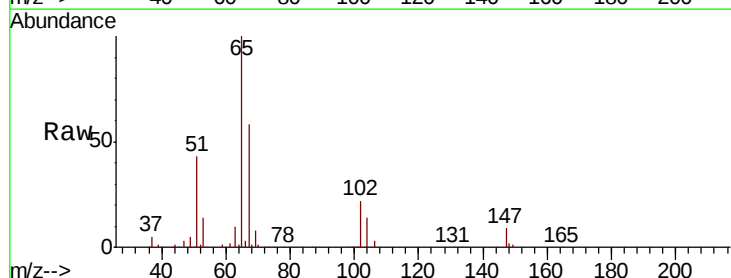
Acq: 05 Dec 2019 14:33

Tgt Ion: 65 Resp: 136481

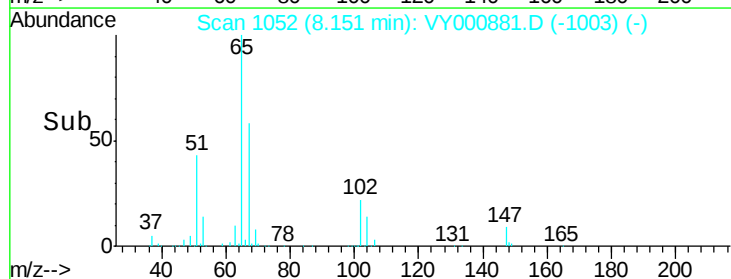
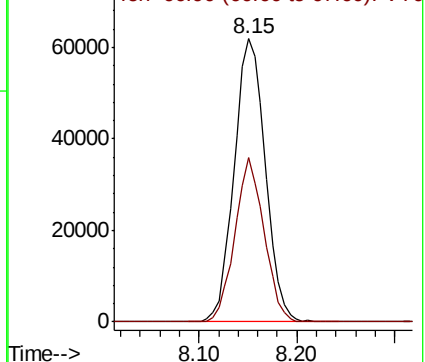
Ion Ratio Lower Upper

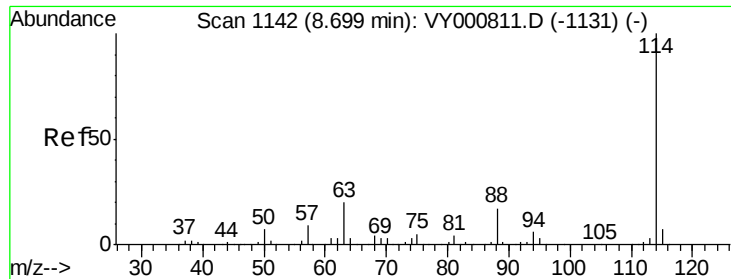
65 100

67 54.5 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY000881.D (-1003) (-)

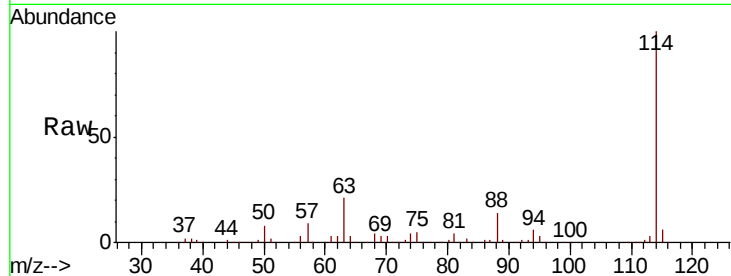




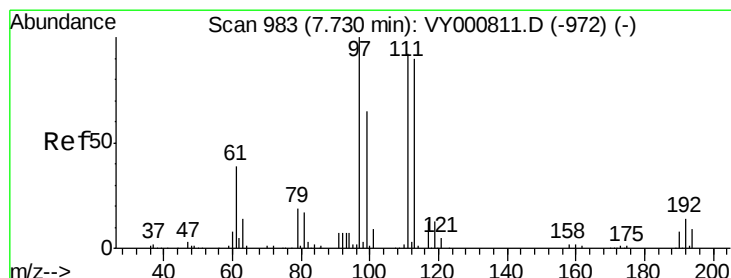
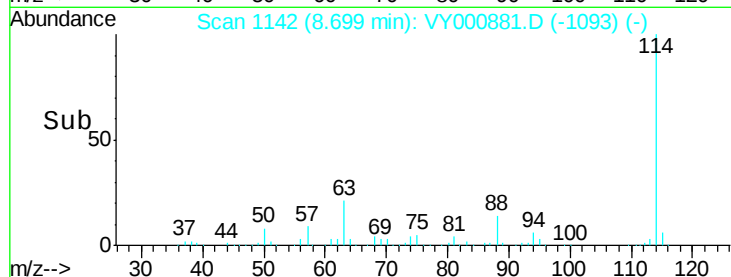
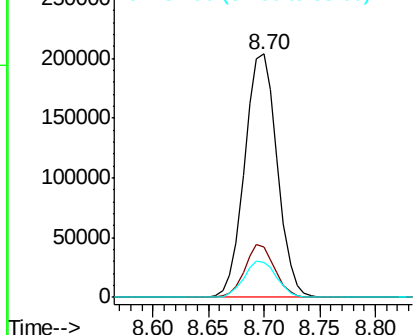
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VY000881.D
Acq: 05 Dec 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
P001-WC005

Tot Ion:114 Resp: 413684
Ion Ratio Lower Upper
114 100
63 20.7 0.0 39.8
88 14.5 0.0 33.2

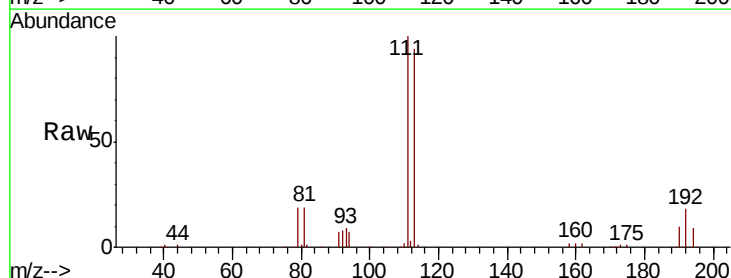


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

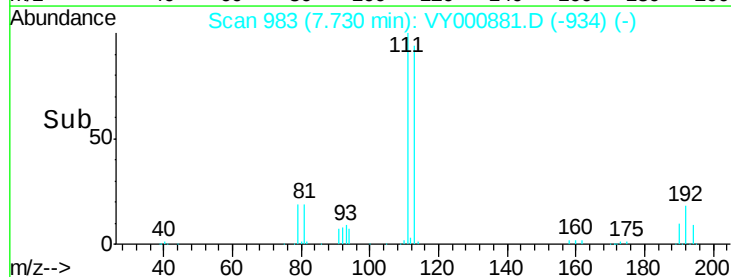
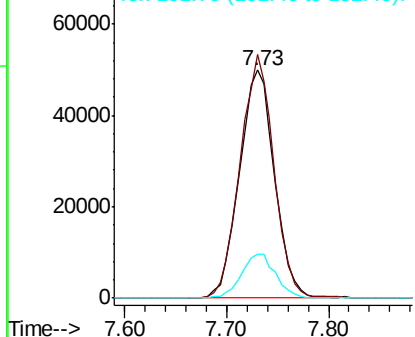


#35
Dibromofluoromethane
Concen: 49.381 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000881.D
Acq: 05 Dec 2019 14:33

Tgt Ion:113 Resp: 119056
Ion Ratio Lower Upper
113 100
111 103.3 82.4 123.6
192 18.7 14.2 21.2



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: 51.205 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000881.D

Acq: 05 Dec 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

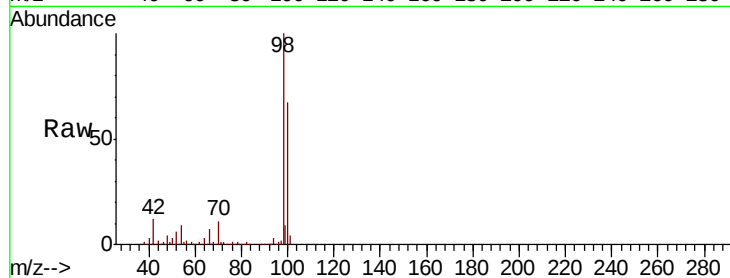
P001-WC005

Tot Ion: 98 Resp: 493554

Ion Ratio Lower Upper

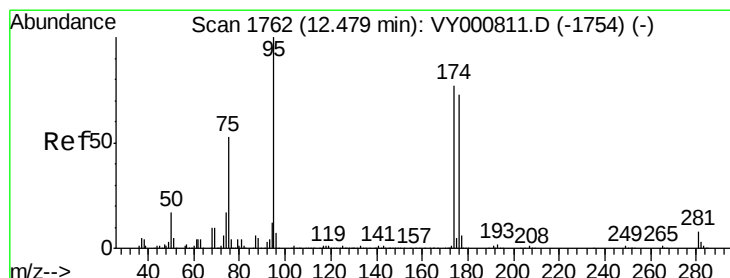
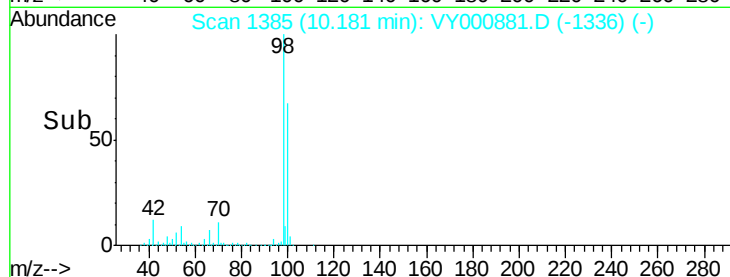
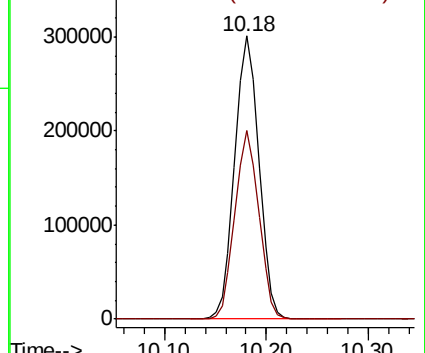
98 100

100 66.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 44.728 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000881.D

Acq: 05 Dec 2019 14:33

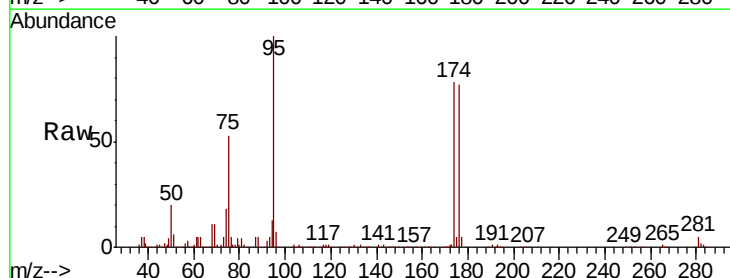
Tgt Ion: 95 Resp: 161909

Ion Ratio Lower Upper

95 100

174 77.7 0.0 150.6

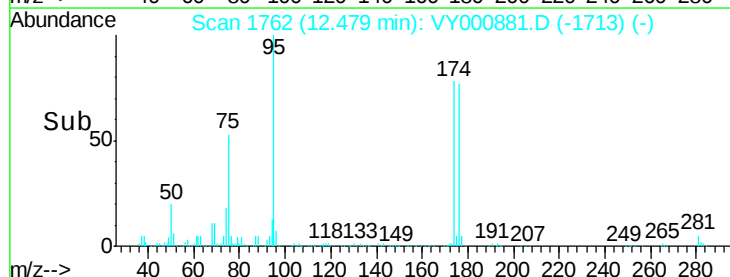
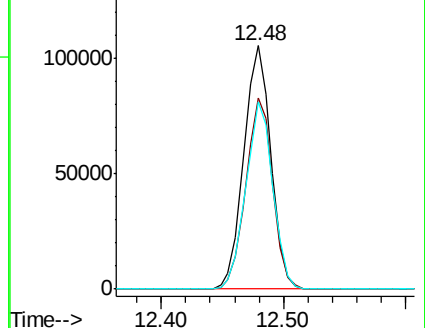
176 76.7 0.0 145.2

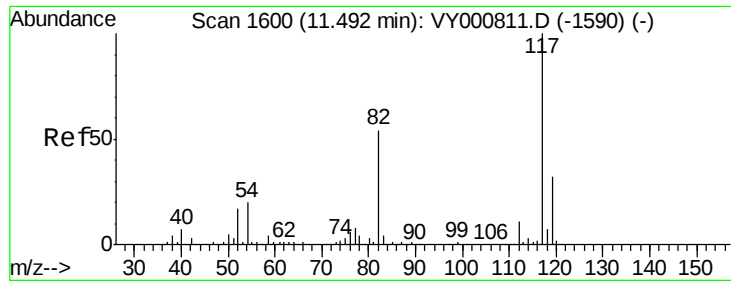


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

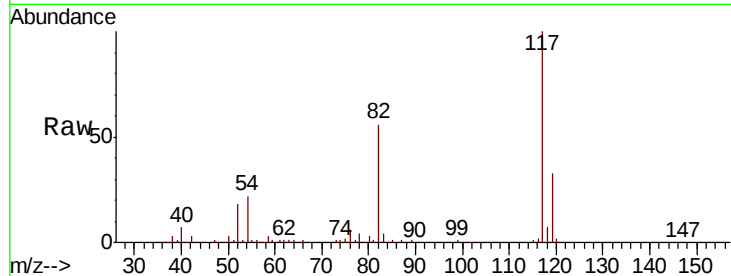




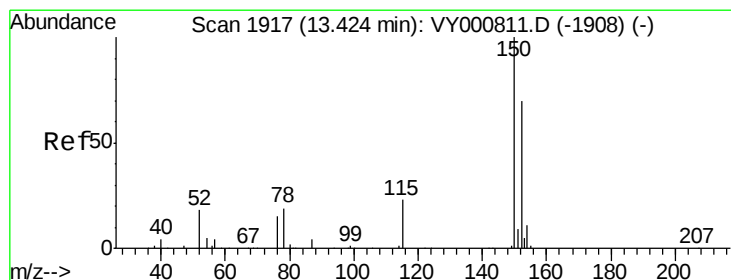
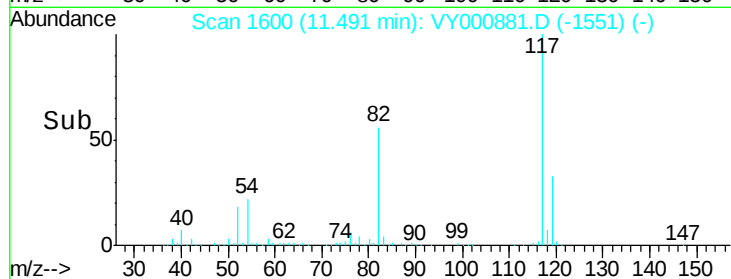
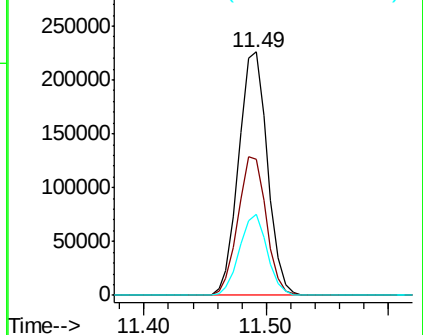
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000881.D
Acq: 05 Dec 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
P001-WC005

Tot Ion:117 Resp: 367299
Ion Ratio Lower Upper
117 100
82 56.0 43.1 64.7
119 33.4 25.3 37.9

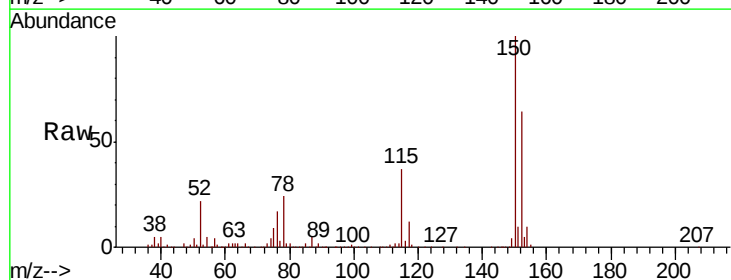


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000881.D
Acq: 05 Dec 2019 14:33

Tgt Ion:152 Resp: 165738
Ion Ratio Lower Upper
152 100
115 58.8 29.3 87.8
150 155.6 0.0 351.2



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

