

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000878.D
 Acq On : 05 Dec 2019 13:26
 Operator : SY/MD
 Sample : K6147-02
 Misc : 5.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P001-WC002

Quant Time: Dec 06 04:39:03 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	227927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	415839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	376311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	162191	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	138623	57.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.48%	
35) Dibromofluoromethane	7.73	113	122496	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
50) Toluene-d8	10.18	98	500664	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.48	95	165112	45.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.76%	

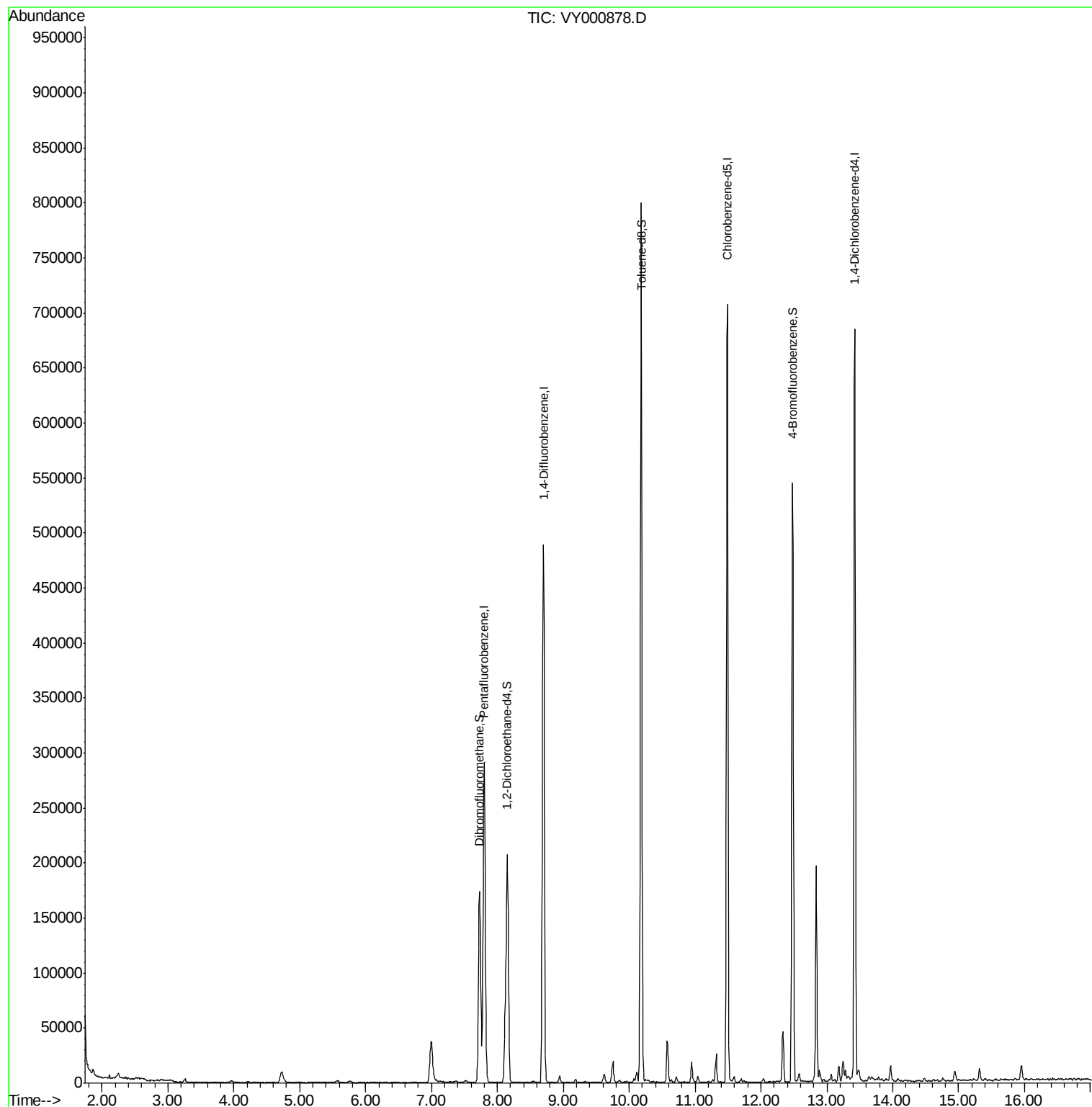
Target Compounds	Qvalue
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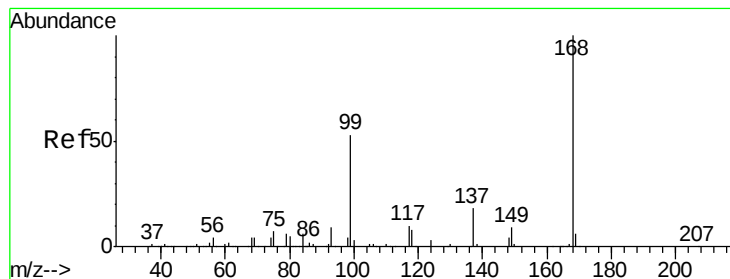
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000878.D

Acq: 05 Dec 2019 13:26

Instrument :

MSVOA_Y

ClientSampled :

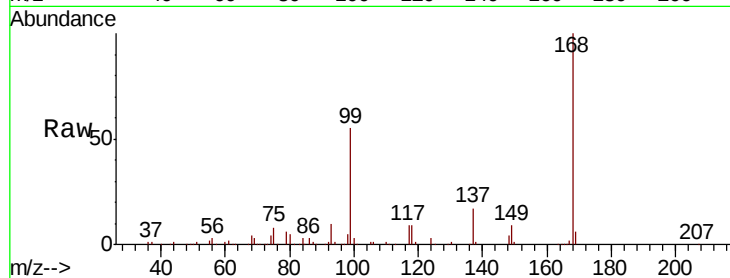
P001-WC002

Tot Ion:168 Resp: 227927

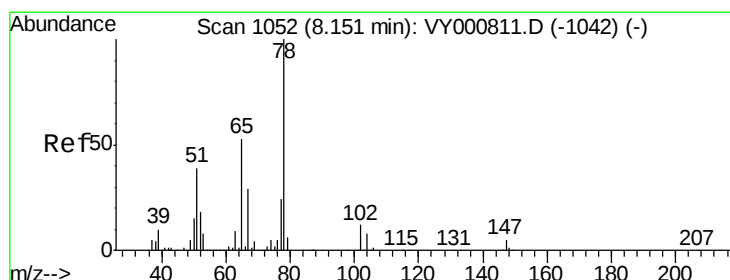
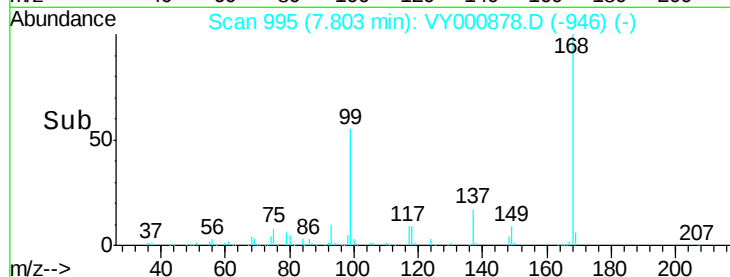
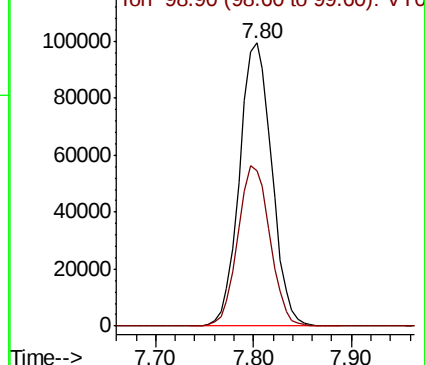
Ion Ratio Lower Upper

168 100

99 54.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000878.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 57.237 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000878.D

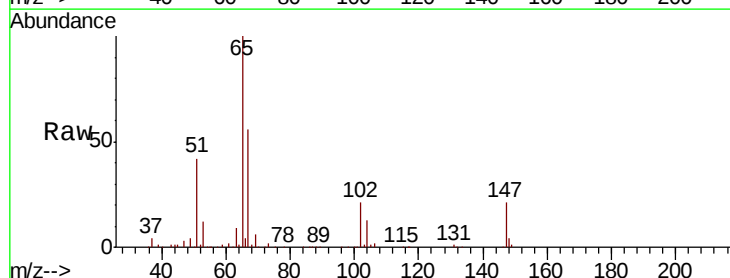
Acq: 05 Dec 2019 13:26

Tgt Ion: 65 Resp: 138623

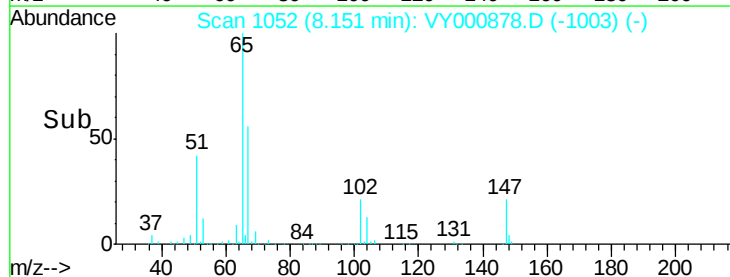
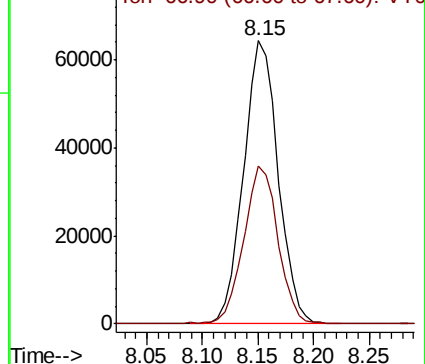
Ion Ratio Lower Upper

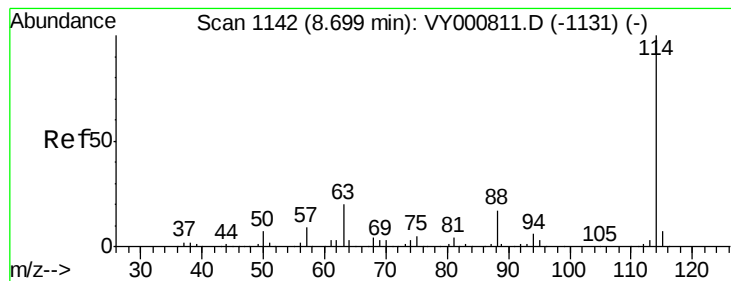
65 100

67 55.7 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY000878.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: VY000878.D

Acq: 05 Dec 2019 13:26

Instrument :

MSVOA_Y

ClientSampled :

P001-WC002

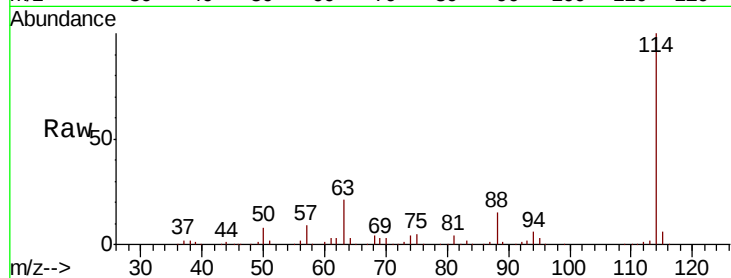
Tot Ion:114 Resp: 415839

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.8

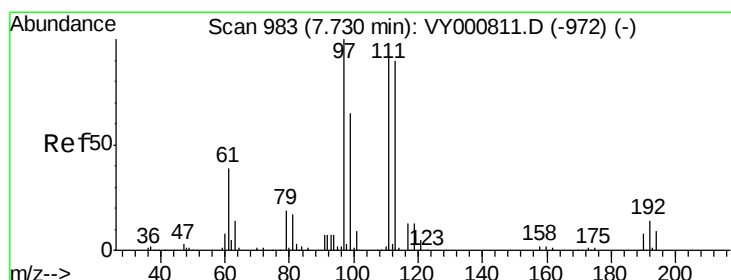
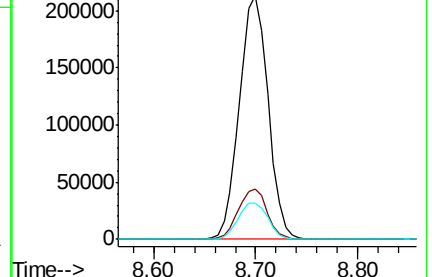
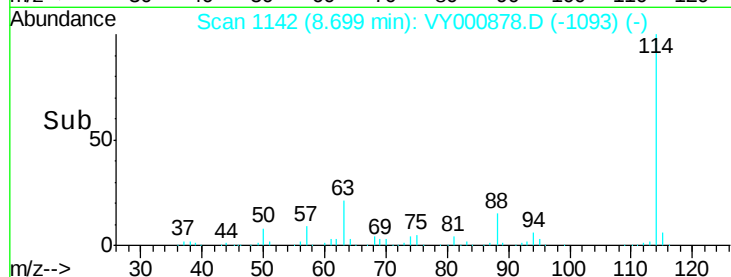
88 14.7 0.0 33.2



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: 50.545 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000878.D

Acq: 05 Dec 2019 13:26

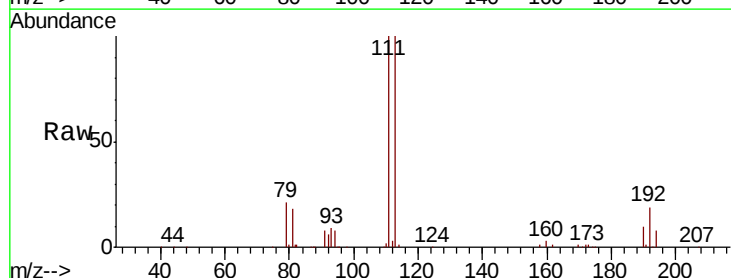
Tgt Ion:113 Resp: 122496

Ion Ratio Lower Upper

113 100

111 104.9 82.4 123.6

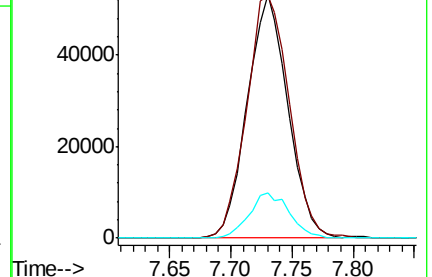
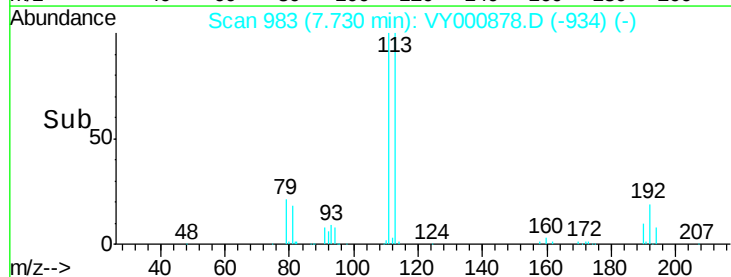
192 18.5 14.2 21.2



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: 51.673 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000878.D

Acq: 05 Dec 2019 13:26

Instrument :

MSVOA_Y

ClientSampleId :

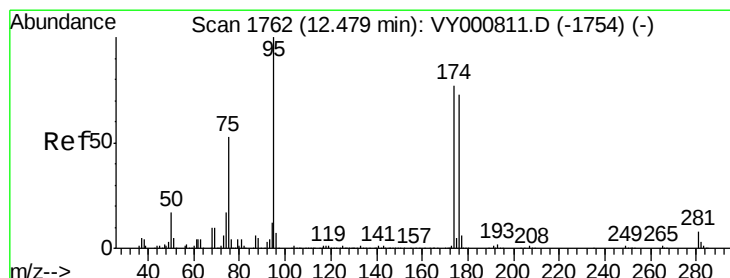
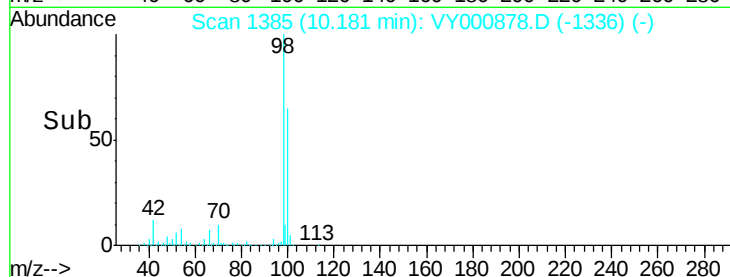
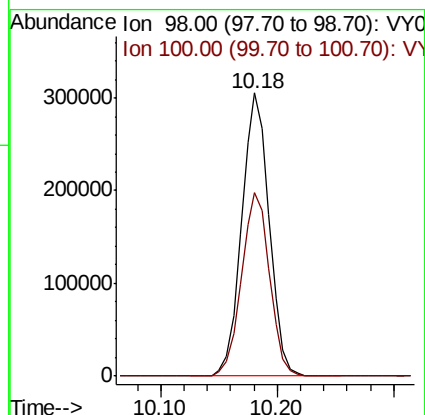
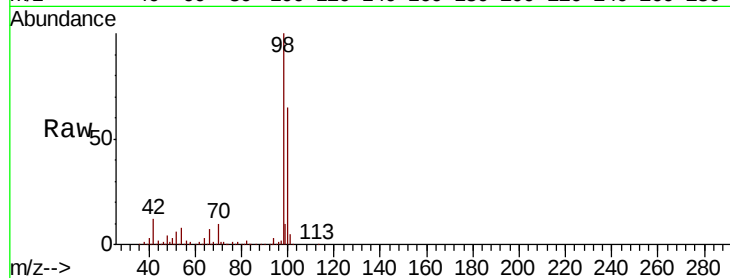
P001-WC002

Tot Ion: 98 Resp: 500664

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.376 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000878.D

Acq: 05 Dec 2019 13:26

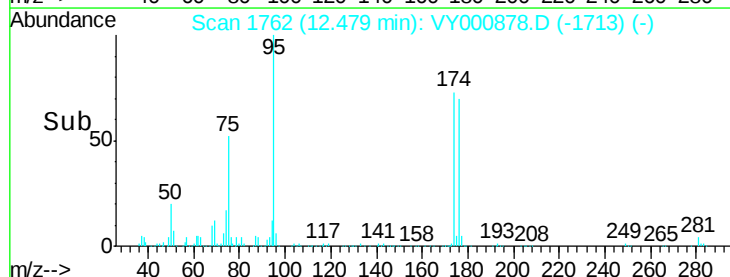
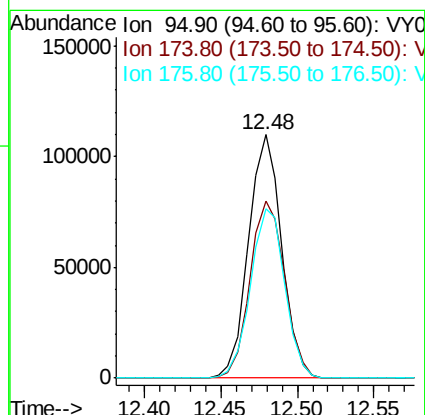
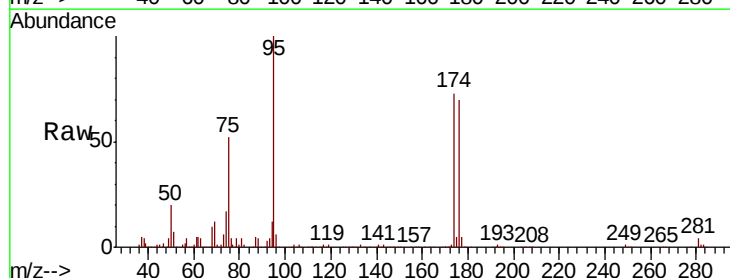
Tgt Ion: 95 Resp: 165112

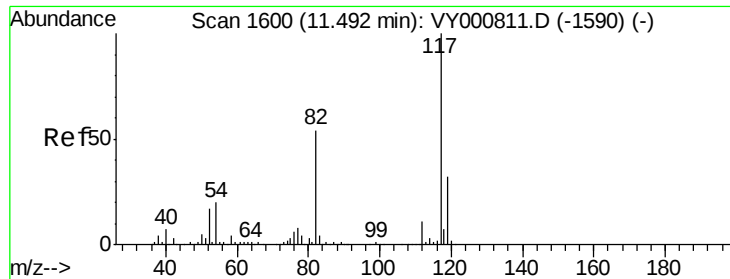
Ion Ratio Lower Upper

95 100

174 76.4 0.0 150.6

176 72.6 0.0 145.2

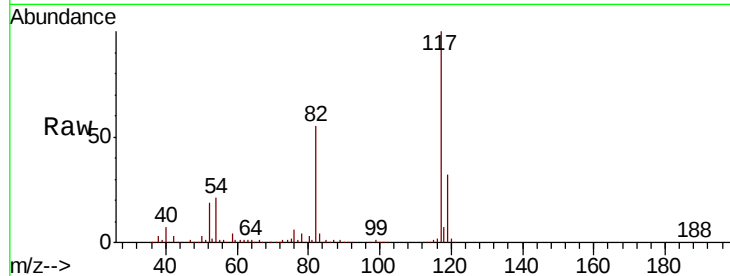




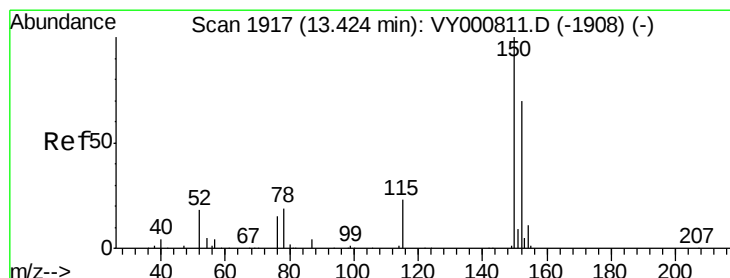
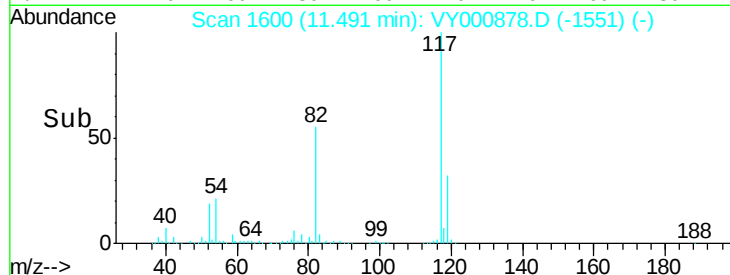
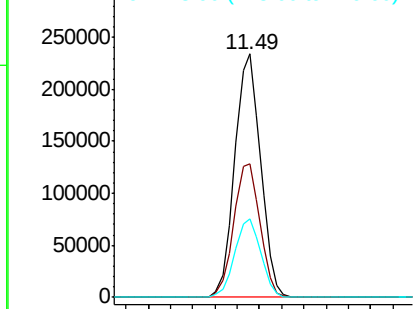
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000878.D
Acq: 05 Dec 2019 13:26

Instrument :
MSVOA_Y
ClientSampleId :
P001-WC002

Tot Ion:117 Resp: 376311
Ion Ratio Lower Upper
117 100
82 55.1 43.1 64.7
119 32.0 25.3 37.9

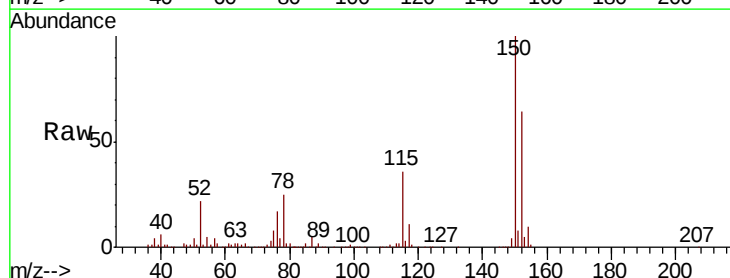


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000878.D
Acq: 05 Dec 2019 13:26

Tgt Ion:152 Resp: 162191
Ion Ratio Lower Upper
152 100
115 59.8 29.3 87.8
150 161.1 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

