

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000876.D
 Acq On : 05 Dec 2019 12:42
 Operator : SY/MD
 Sample : K6141-04RE
 Misc : 16.44G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMJ-01-COMPRES

Quant Time: Dec 06 04:35:24 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	109553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	182436	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	129662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	49334	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	41677	35.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.60%	
35) Dibromofluoromethane	7.74	113	45547	42.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.68%	
50) Toluene-d8	10.18	98	204748	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
62) 4-Bromofluorobenzene	12.48	95	49555	31.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.08%	

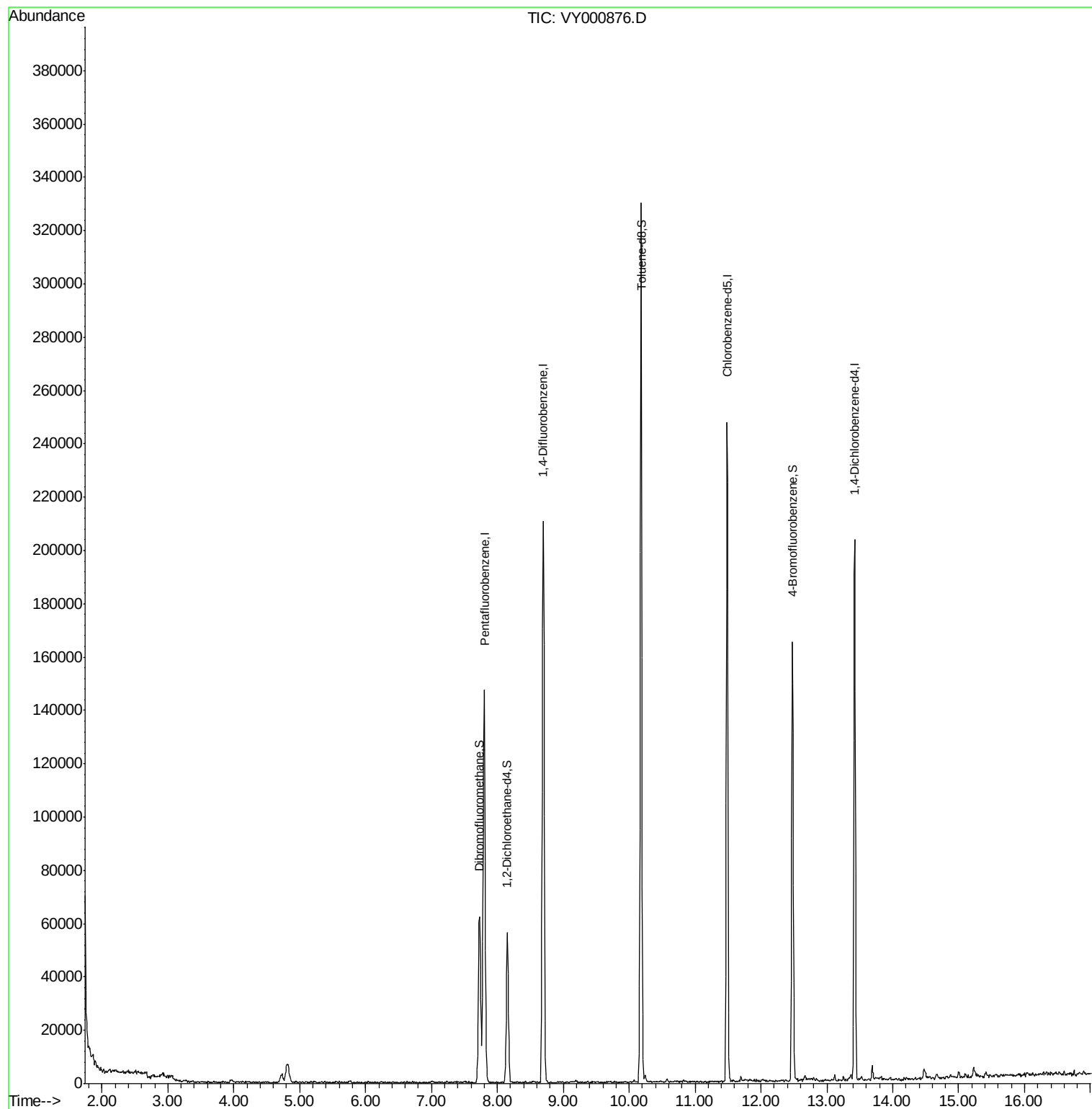
Target Compounds	Qvalue

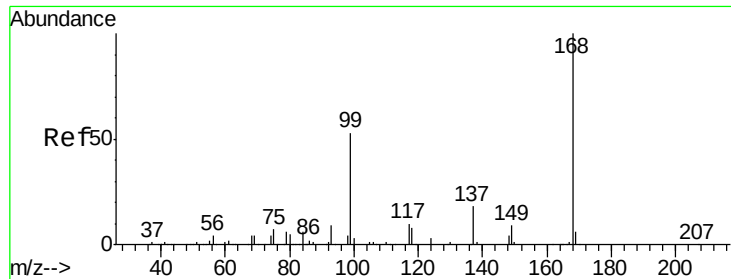
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000876.D

Acq: 05 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

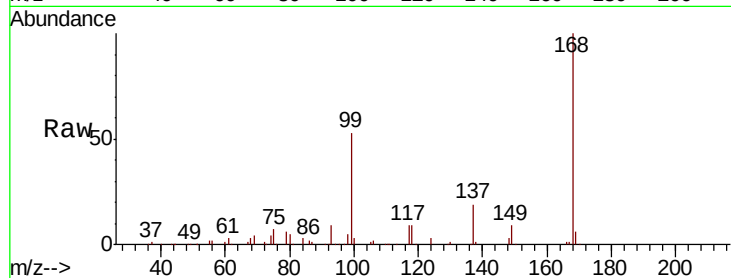
CMJ-01-COMP

Tot Ion:168 Resp: 109553

Ion Ratio Lower Upper

168 100

99 53.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000876.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000876.D (-946) (-)

7.80

60000

50000

40000

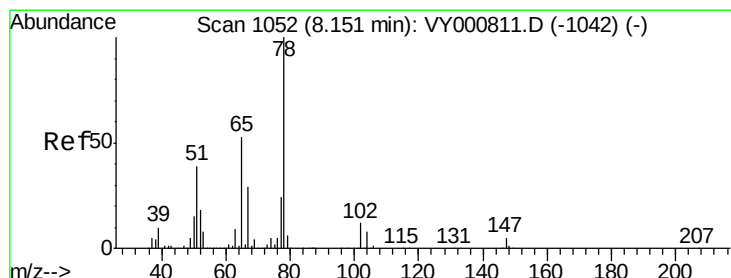
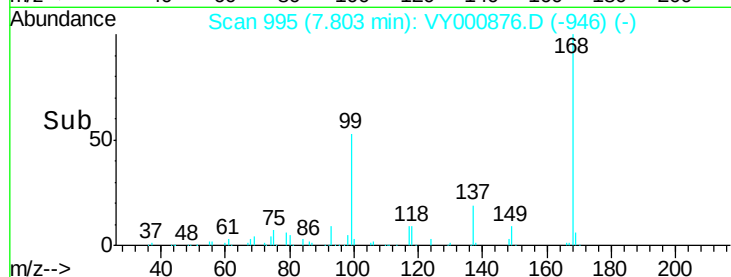
30000

20000

10000

0

Time--> 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 35.802 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000876.D

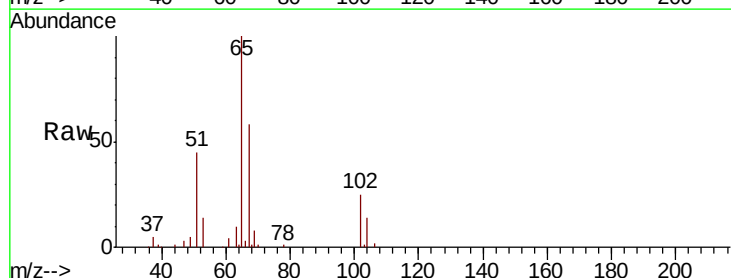
Acq: 05 Dec 2019 12:42

Tgt Ion: 65 Resp: 41677

Ion Ratio Lower Upper

65 100

67 54.4 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY000876.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY000876.D (-1003) (-)

8.15

20000

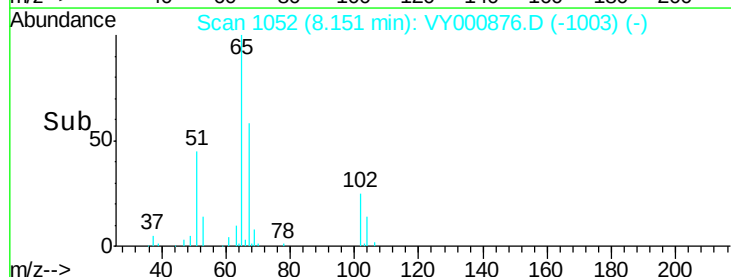
15000

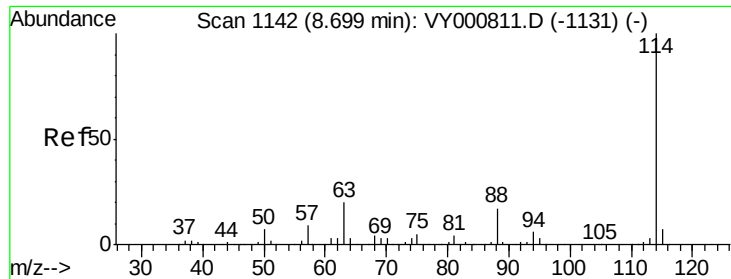
10000

5000

0

Time--> 8.05 8.10 8.15 8.20 8.25





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000876.D

Acq: 05 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

CMJ-01-COMP

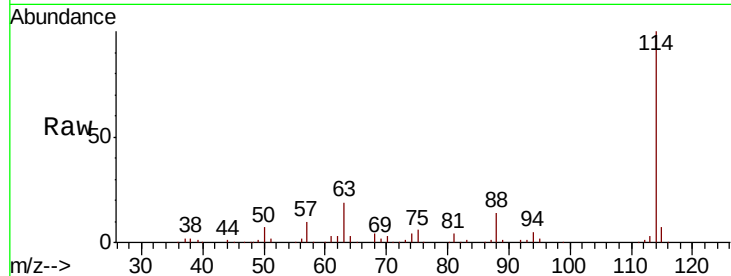
Tot Ion:114 Resp: 182436

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.8

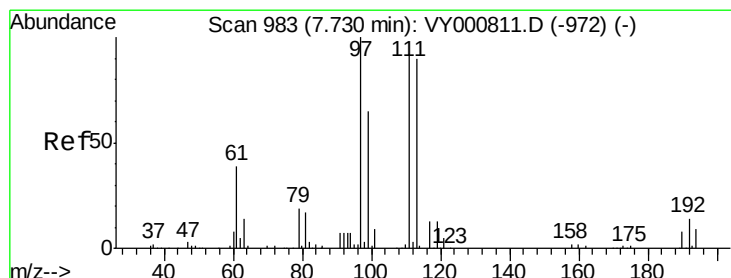
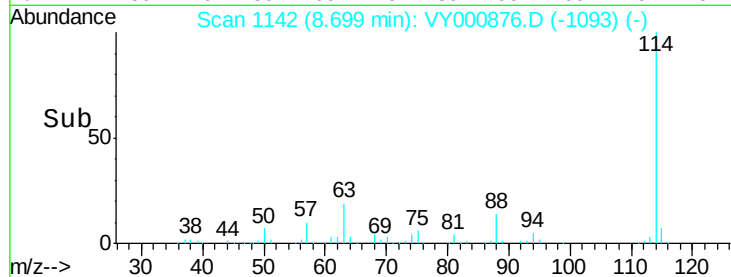
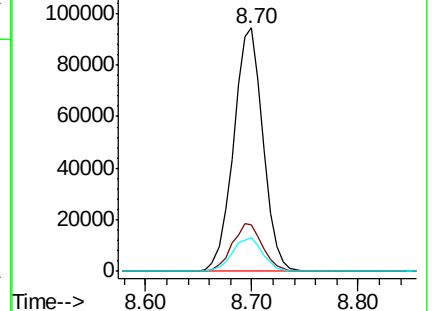
88 13.8 0.0 33.2



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: 42.838 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY000876.D

Acq: 05 Dec 2019 12:42

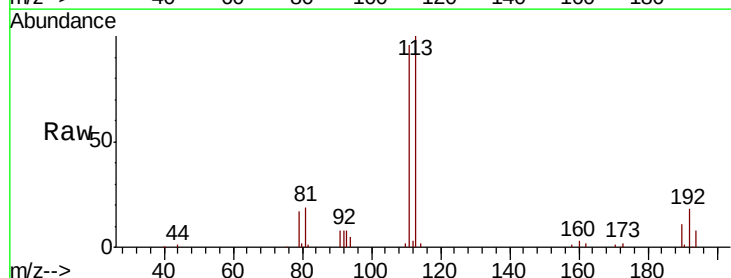
Tgt Ion:113 Resp: 45547

Ion Ratio Lower Upper

113 100

111 103.9 82.4 123.6

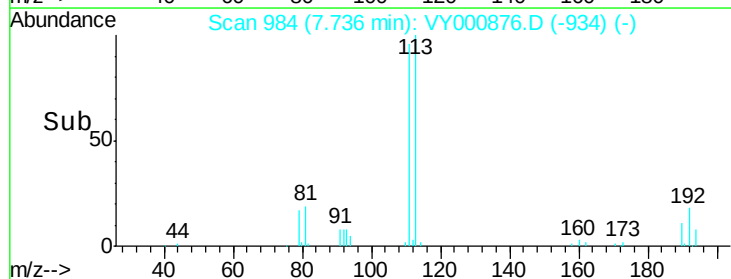
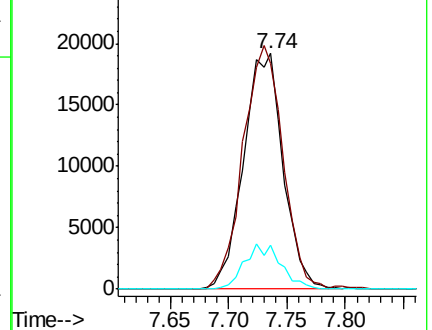
192 17.5 14.2 21.2

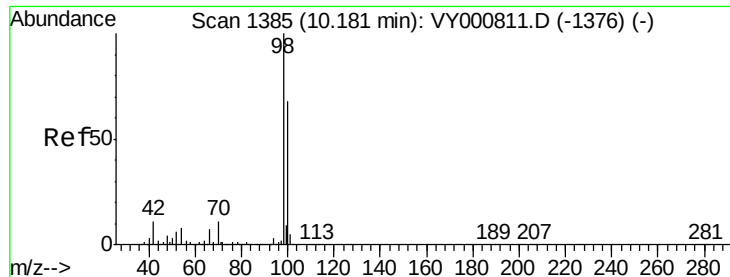


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.167 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000876.D

Acq: 05 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

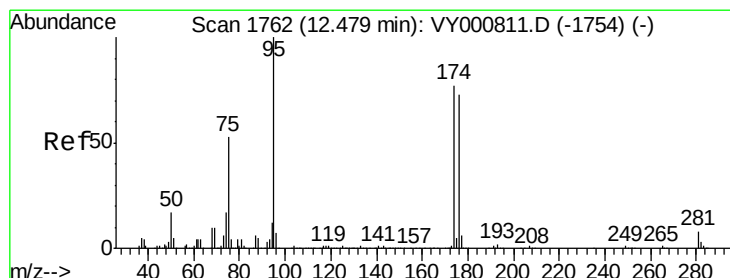
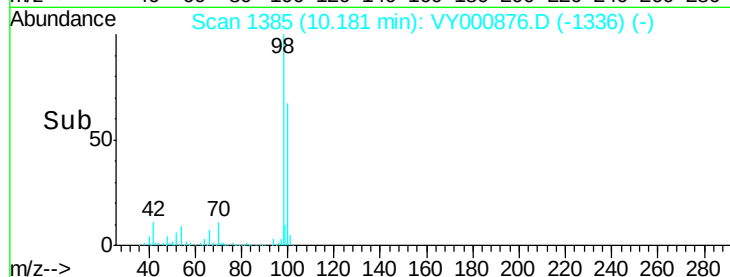
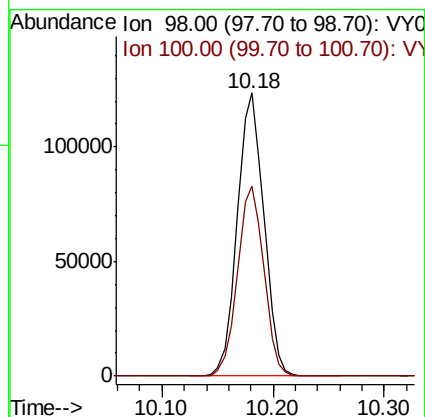
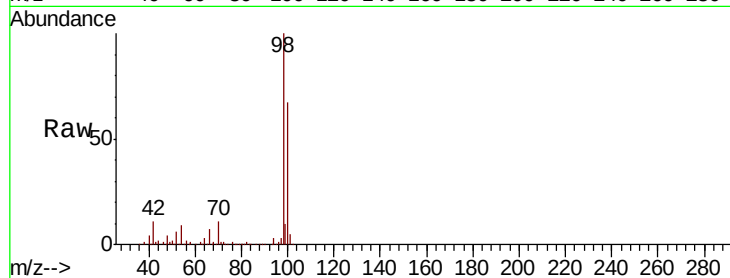
CMJ-01-COMP

Tot Ion: 98 Resp: 204748

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 31.042 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000876.D

Acq: 05 Dec 2019 12:42

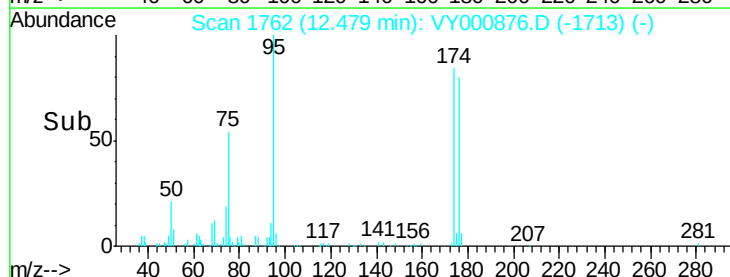
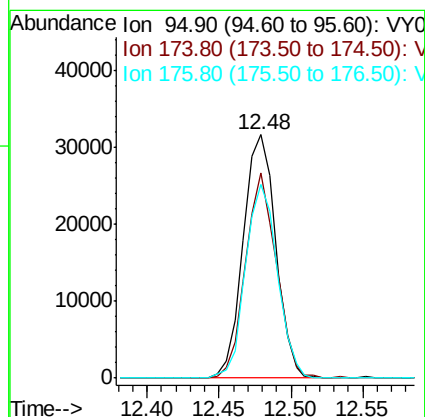
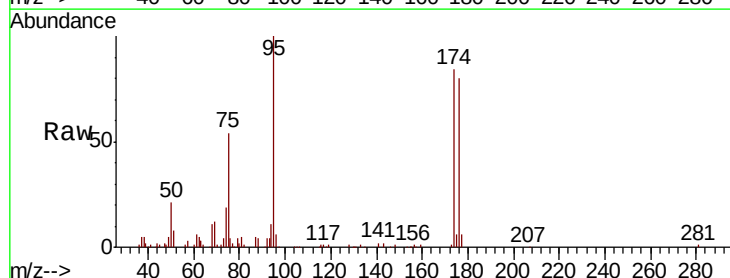
Tgt Ion: 95 Resp: 49555

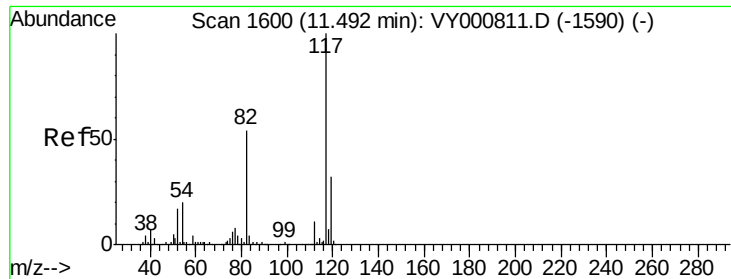
Ion Ratio Lower Upper

95 100

174 79.8 0.0 150.6

176 77.6 0.0 145.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY000876.D

Acq: 05 Dec 2019 12:42

Instrument :

MSVOA_Y

ClientSampleId :

CMJ-01-COMP

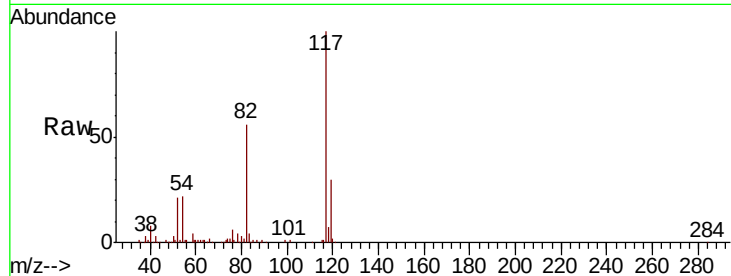
Tot Ion:117 Resp: 129662

Ion Ratio Lower Upper

117 100

82 56.2 43.1 64.7

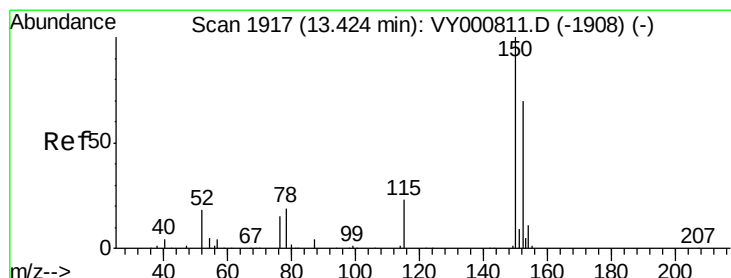
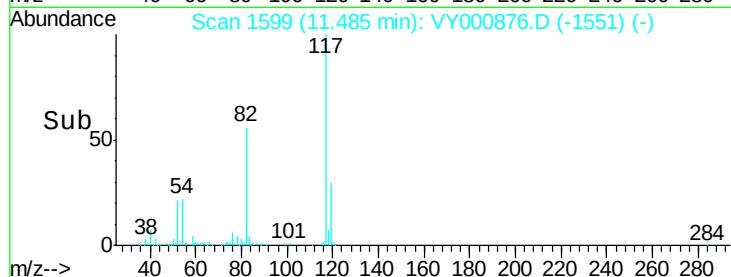
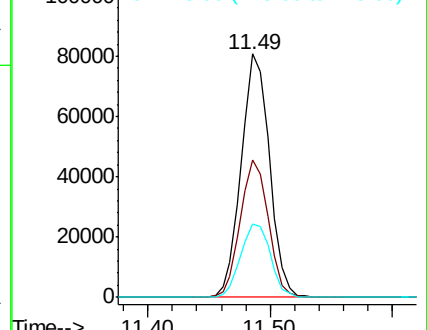
119 30.0 25.3 37.9



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: VY000876.D

Acq: 05 Dec 2019 12:42

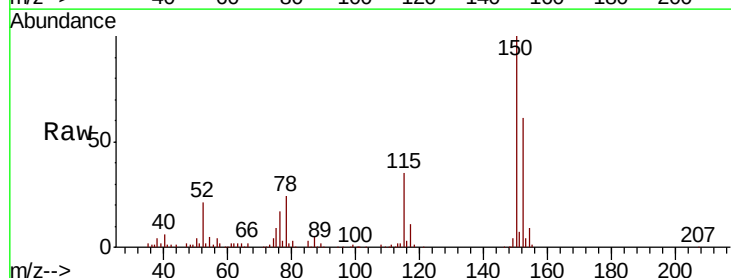
Tgt Ion:152 Resp: 49334

Ion Ratio Lower Upper

152 100

115 58.5 29.3 87.8

150 158.6 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

