

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122619\
 Data File : VY001067.D
 Acq On : 26 Dec 2019 13:24
 Operator : SY/MD
 Sample : K6431-03
 Misc : 6.57G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4-(0-2)

Quant Time: Dec 27 05:52:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	110635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	183654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	139117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	57239	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	42479	38.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.86%	
35) Dibromofluoromethane	7.73	113	48423	44.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.56%	
50) Toluene-d8	10.18	98	208371	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
62) 4-Bromofluorobenzene	12.48	95	56823	36.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.54%	

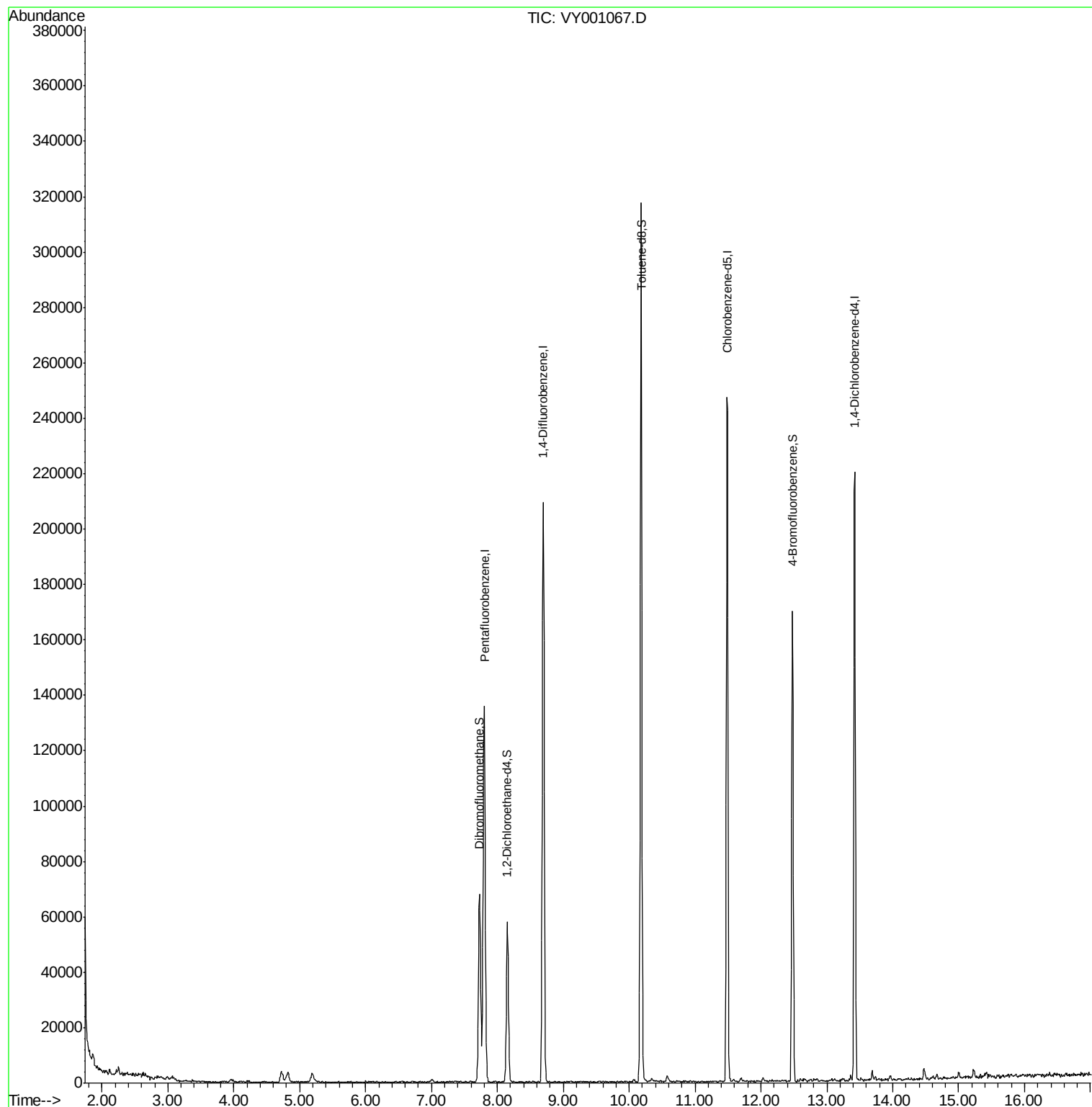
Target Compounds	Qvalue

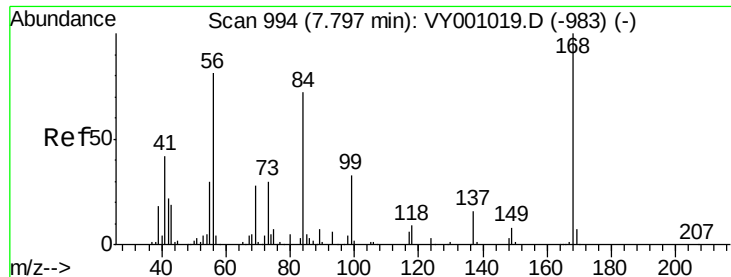
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001067.D

Acq: 26 Dec 2019 13:24

Instrument :

MSVOA_Y

ClientSampleId :

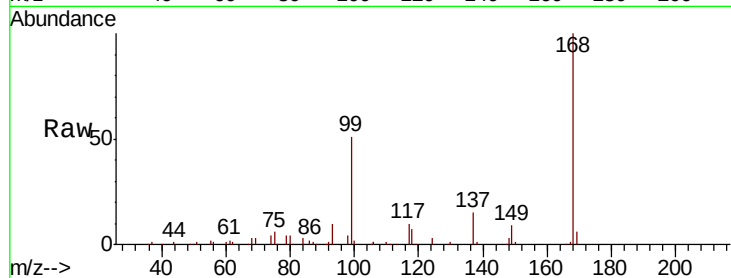
SB-4-(0-2)

Tot Ion:168 Resp: 110635

Ion Ratio Lower Upper

168 100

99 50.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

7.80

60000

50000

40000

30000

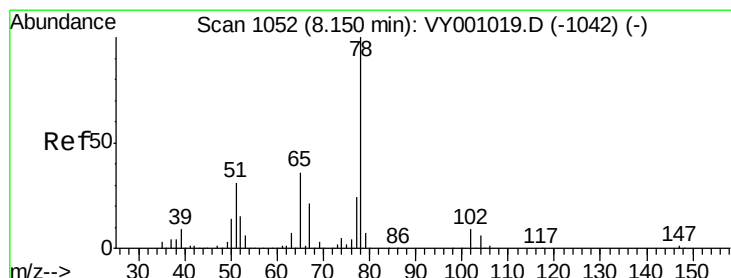
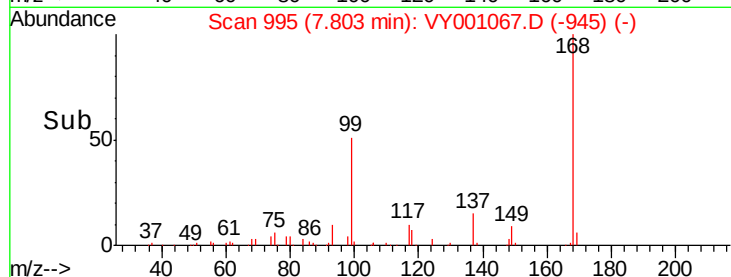
20000

10000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 38.930 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001067.D

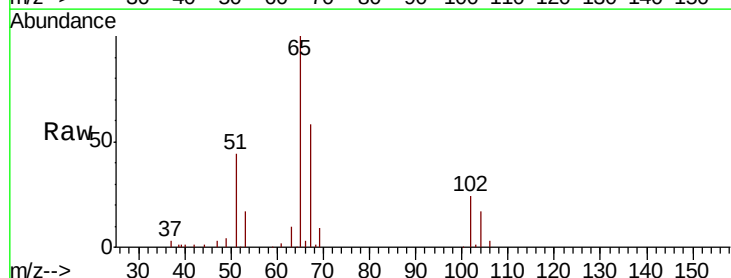
Acq: 26 Dec 2019 13:24

Tgt Ion: 65 Resp: 42479

Ion Ratio Lower Upper

65 100

67 55.7 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY001019.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY001019.D (-1042) (-)

8.15

20000

15000

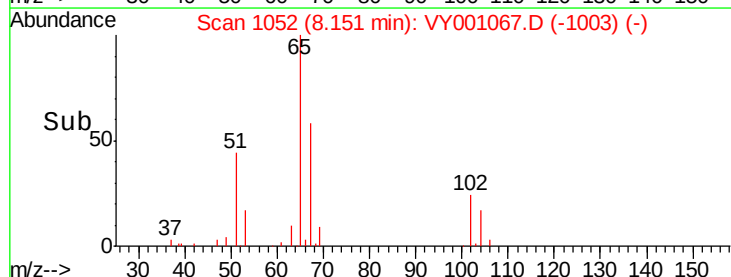
10000

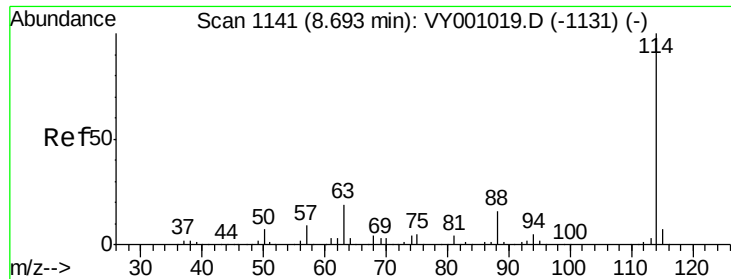
5000

0

Time-->

8.05 8.10 8.15 8.20 8.25

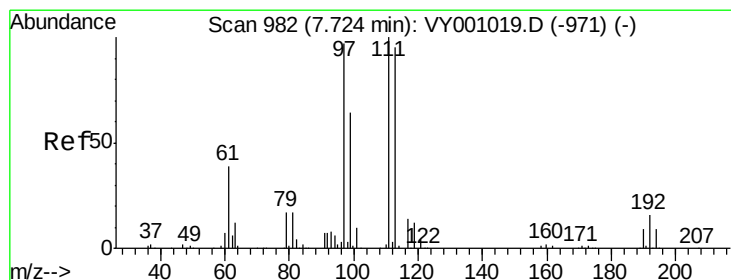
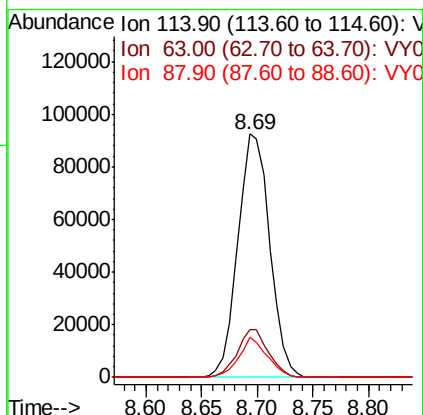
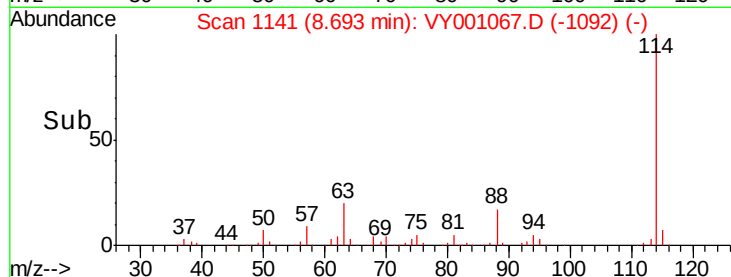
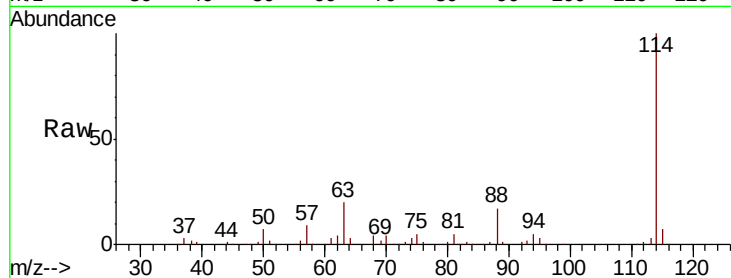




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY001067.D
 Acq: 26 Dec 2019 13:24

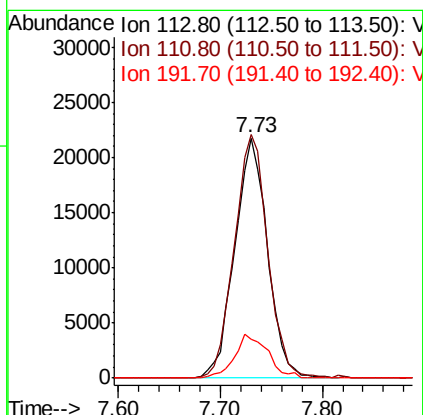
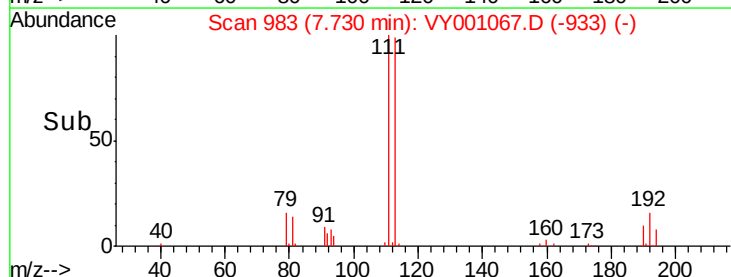
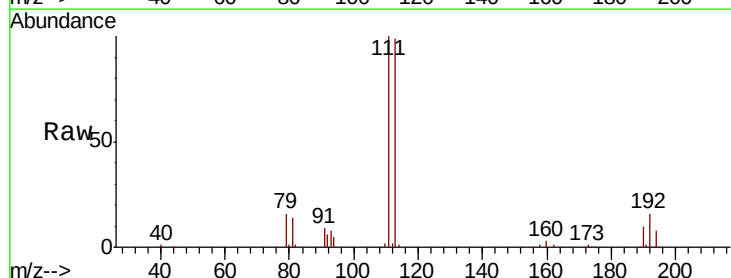
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4-(0-2)

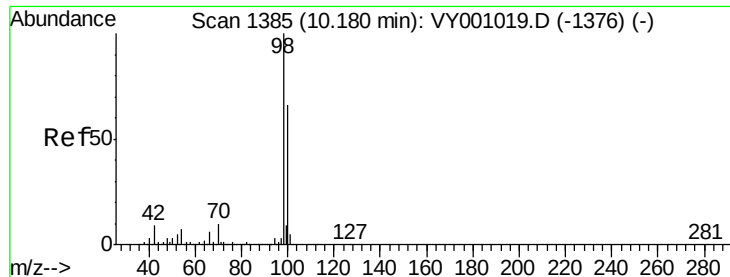
Tot Ion:114 Resp: 183654
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 37.0
 88 16.7 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 44.776 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001067.D
 Acq: 26 Dec 2019 13:24

Tgt Ion:113 Resp: 48423
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.0 124.4
 192 18.6 14.6 21.8





#50

Toluene-d8

Concen: 49.303 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001067.D

Acq: 26 Dec 2019 13:24

Instrument :

MSVOA_Y

ClientSampleId :

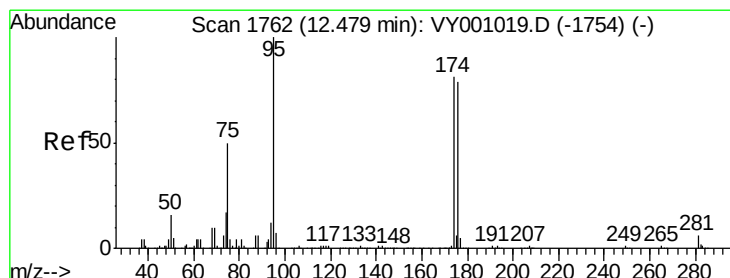
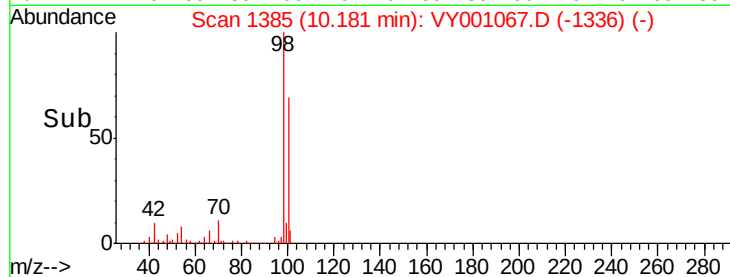
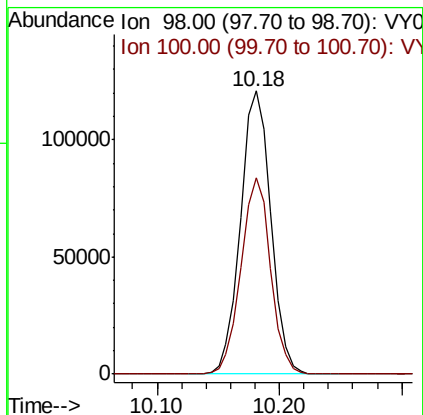
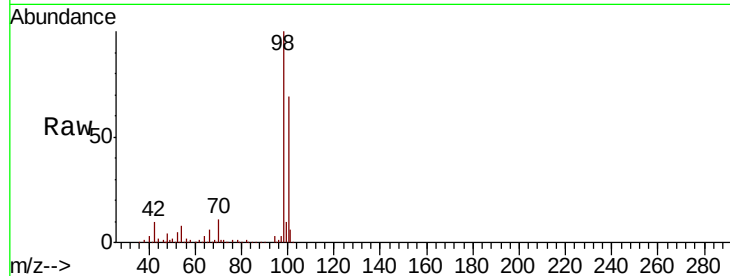
SB-4-(0-2)

Tot Ion: 98 Resp: 208371

Ion Ratio Lower Upper

98 100

100 67.3 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 36.774 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001067.D

Acq: 26 Dec 2019 13:24

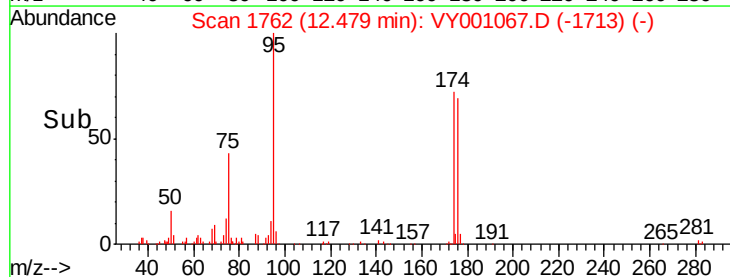
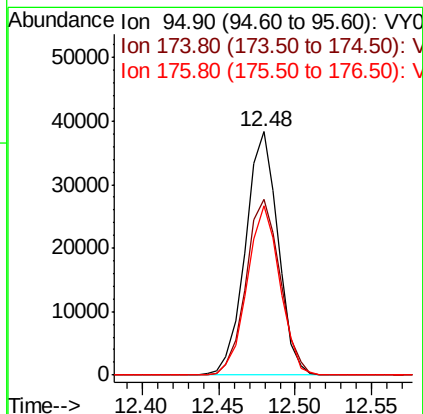
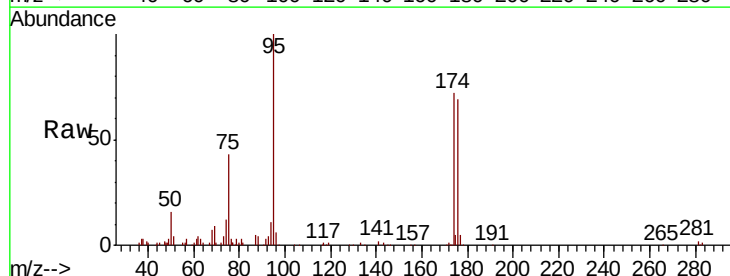
Tgt Ion: 95 Resp: 56823

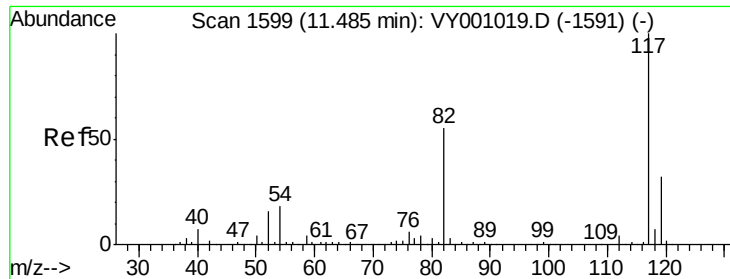
Ion Ratio Lower Upper

95 100

174 75.6 0.0 156.4

176 69.9 0.0 155.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VY001067.D

Acq: 26 Dec 2019 13:24

Instrument :

MSVOA_Y

ClientSampleId :

SB-4-(0-2)

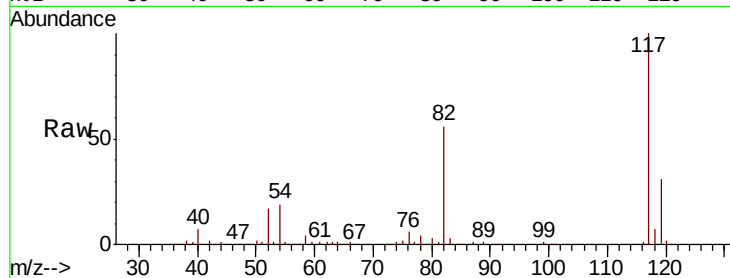
Tot Ion:117 Resp: 139117

Ion Ratio Lower Upper

117 100

82 55.8 43.8 65.8

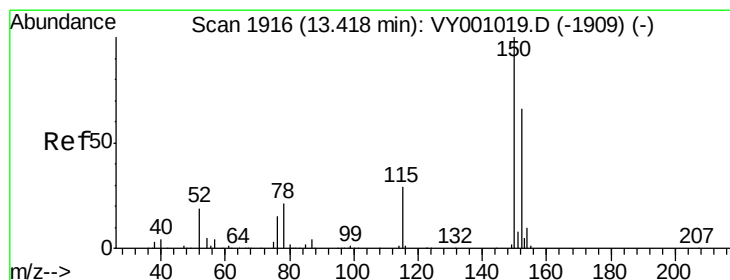
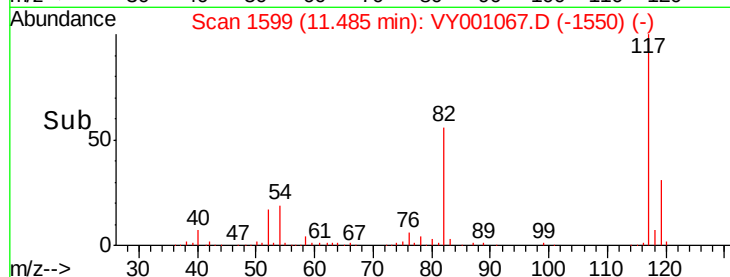
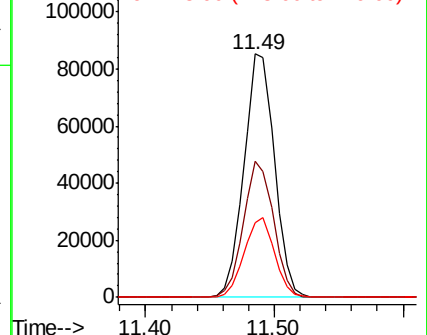
119 30.5 25.8 38.6



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. 0.01 min

Lab File: VY001067.D

Acq: 26 Dec 2019 13:24

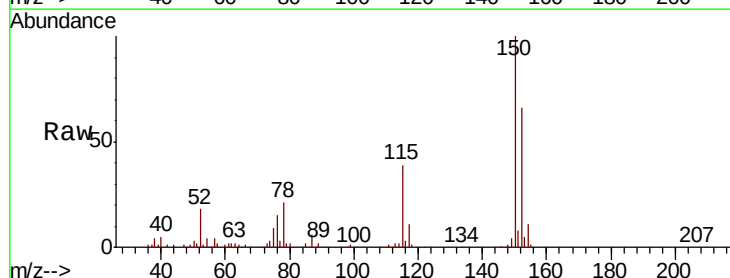
Tgt Ion:152 Resp: 57239

Ion Ratio Lower Upper

152 100

115 56.5 29.8 89.3

150 151.5 0.0 352.6



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

