

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120419\
 Data File : VY000857.D
 Acq On : 04 Dec 2019 12:49
 Operator : SY/MD
 Sample : K6119-07
 Misc : 5.15G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-(0-2)

Quant Time: Dec 05 08:09:45 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	165651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	306795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	266261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	115345	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	101549	57.69	ug/l	0.00
Spiked Amount			Recovery	=	115.38%	
35) Dibromofluoromethane	7.73	113	87855	49.14	ug/l	0.00
Spiked Amount			Recovery	=	98.28%	
50) Toluene-d8	10.18	98	365835	51.18	ug/l	0.00
Spiked Amount			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.48	95	117308	43.70	ug/l	0.00
Spiked Amount			Recovery	=	87.40%	

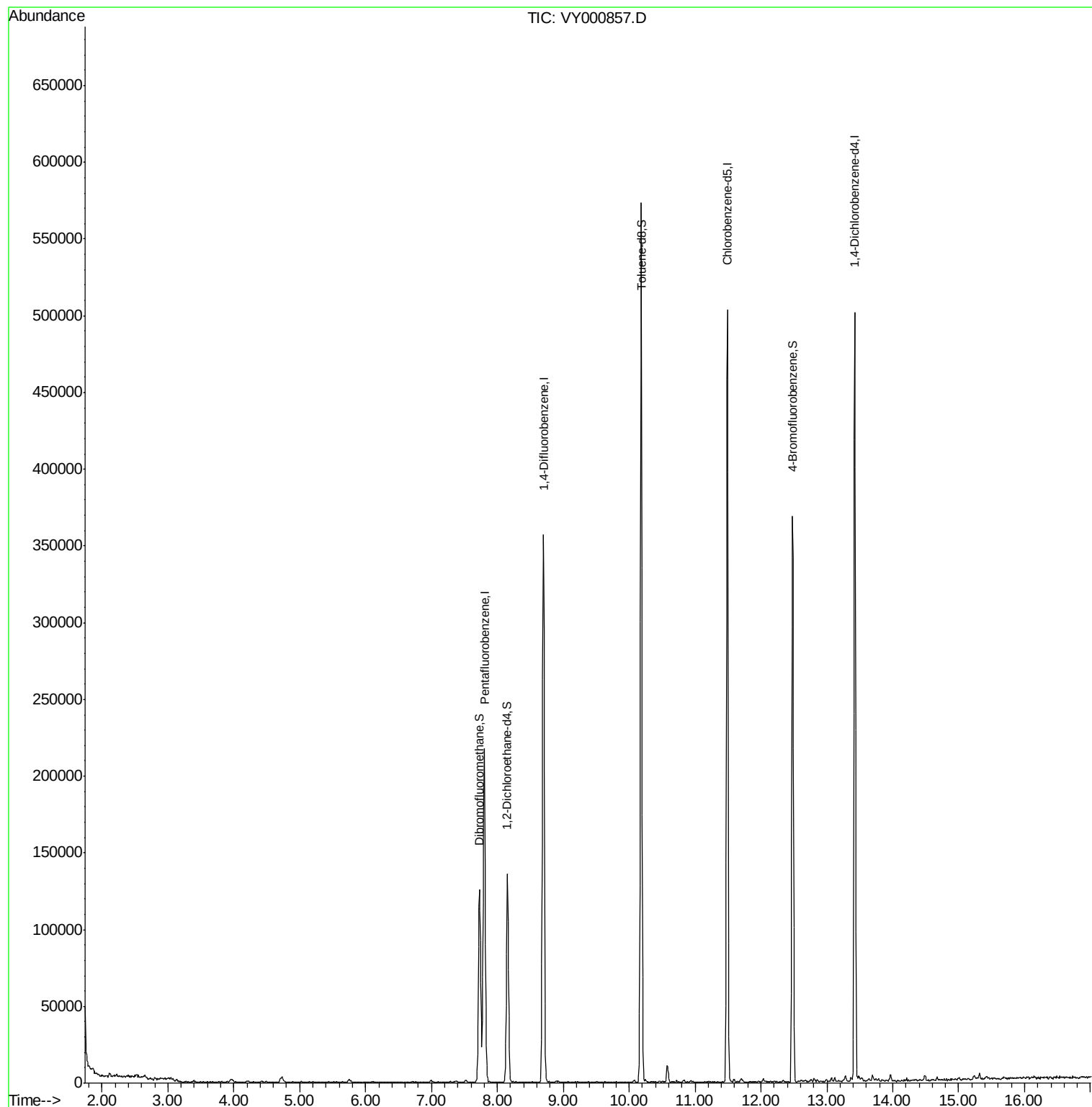
Target Compounds	Qvalue
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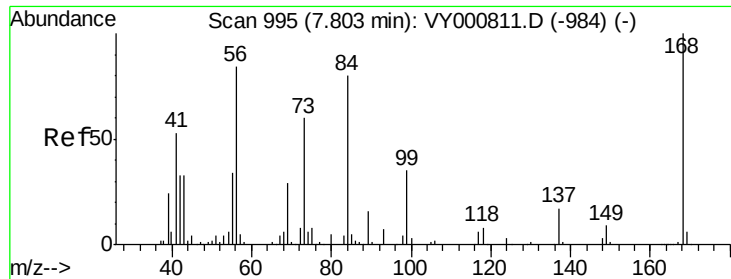
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000857.D

Acq: 04 Dec 2019 12:49

Instrument :

MSVOA_Y

ClientSampleId :

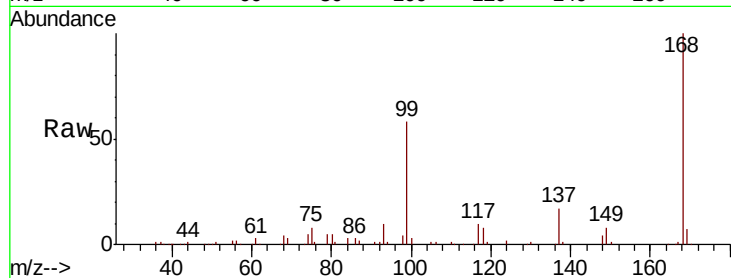
SB-5-(0-2)

Tot Ion:168 Resp: 165651

Ion Ratio Lower Upper

168 100

99 58.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)

7.80

80000

60000

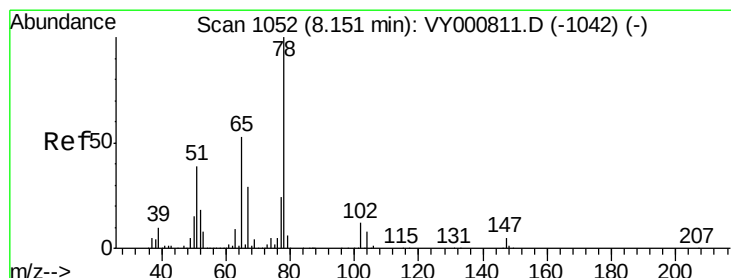
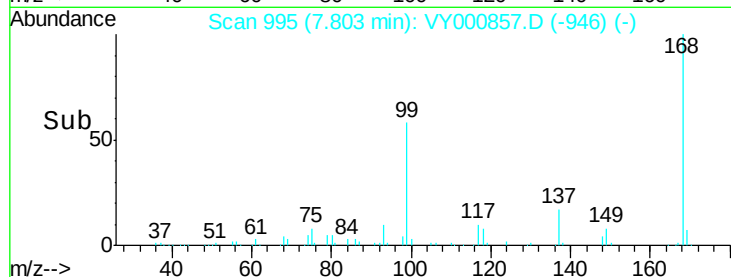
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.692 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000857.D

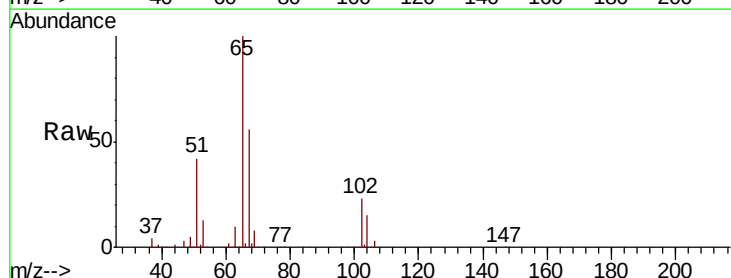
Acq: 04 Dec 2019 12:49

Tgt Ion: 65 Resp: 101549

Ion Ratio Lower Upper

65 100

67 53.8 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY000811.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY000811.D (-1042) (-)

8.15

50000

40000

30000

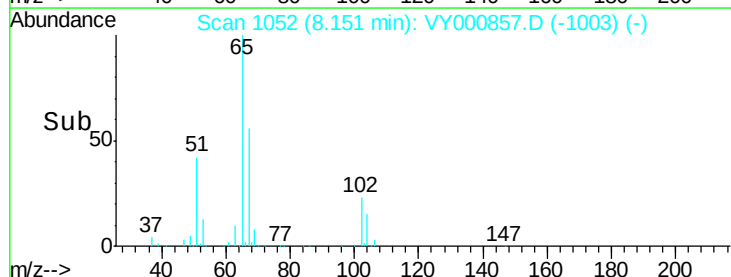
20000

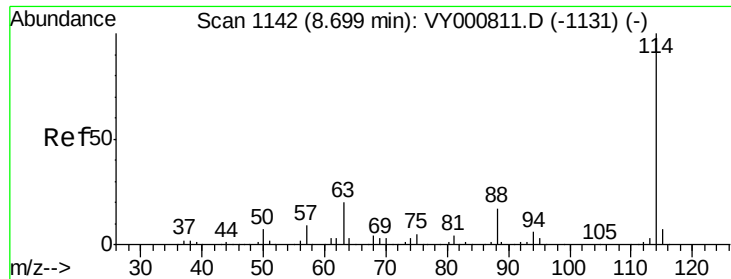
10000

0

8.05 8.10 8.15 8.20 8.25

Time-->

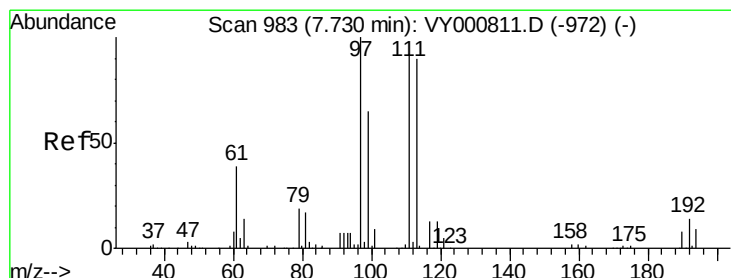
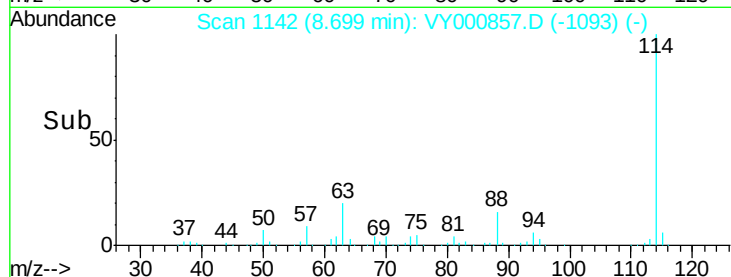
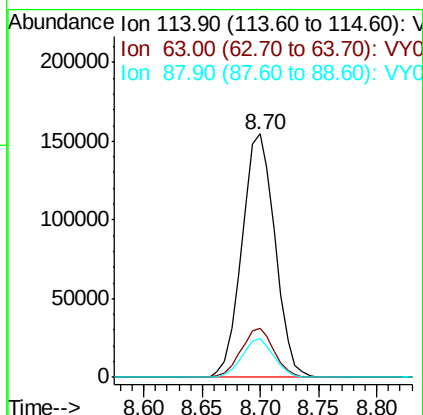
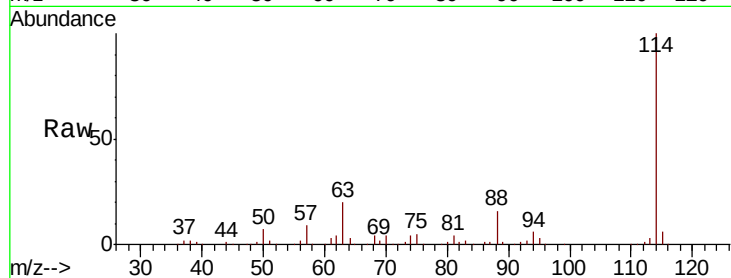




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000857.D
 Acq: 04 Dec 2019 12:49

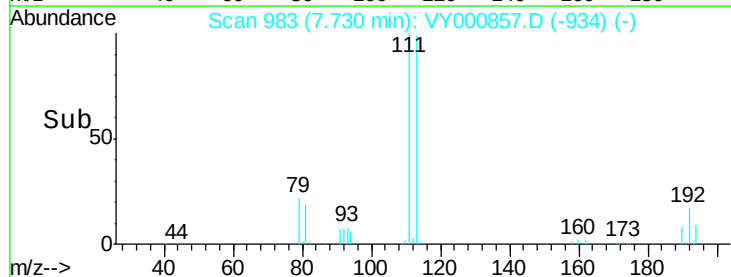
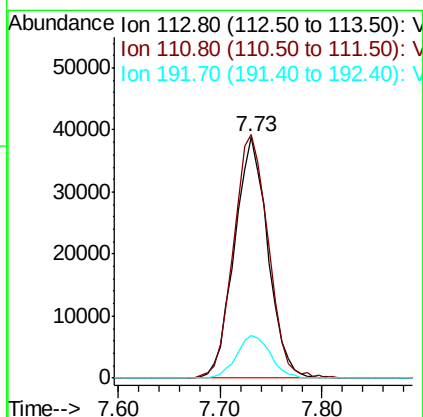
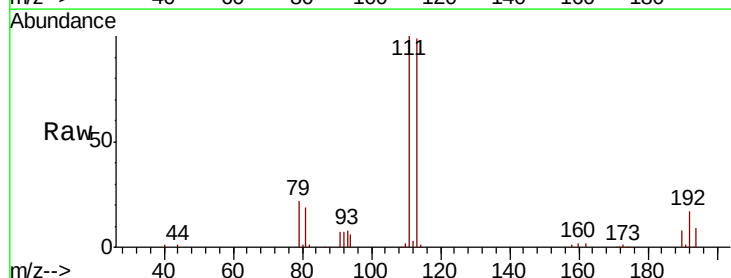
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-(0-2)

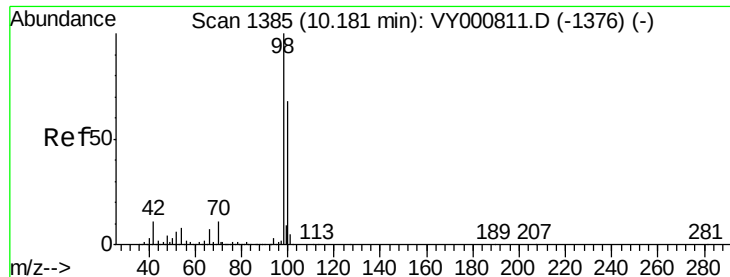
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.8
88	15.9	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 49.136 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000857.D
 Acq: 04 Dec 2019 12:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.2	82.4	123.6
192	18.0	14.2	21.2





#50

Toluene-d8

Concen: 51.178 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000857.D

Acq: 04 Dec 2019 12:49

Instrument :

MSVOA_Y

ClientSampleId :

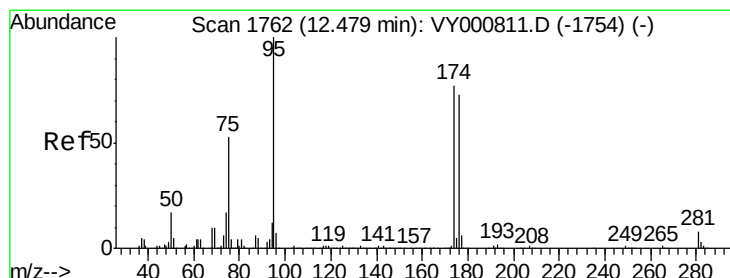
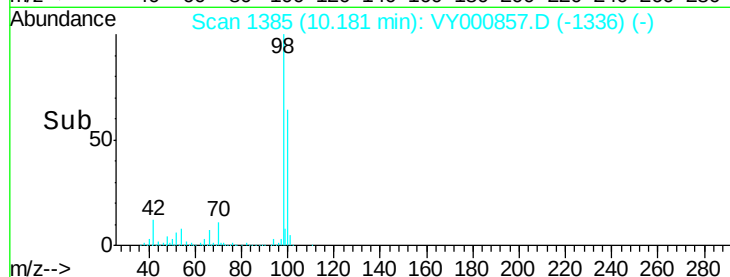
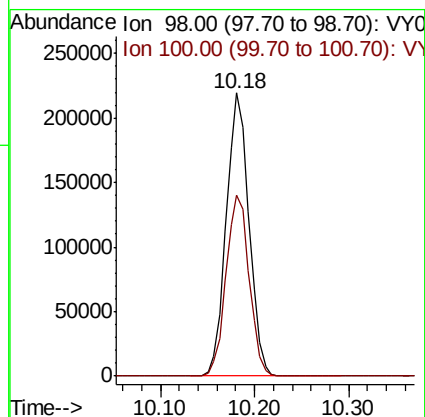
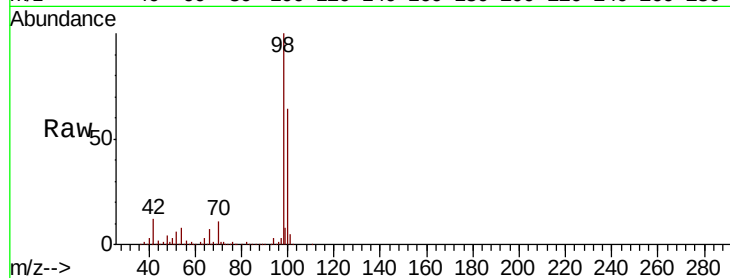
SB-5-(0-2)

Tot Ion: 98 Resp: 365835

Ion Ratio Lower Upper

98 100

100 65.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 43.697 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000857.D

Acq: 04 Dec 2019 12:49

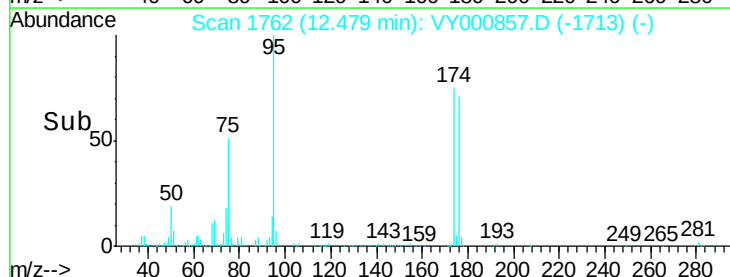
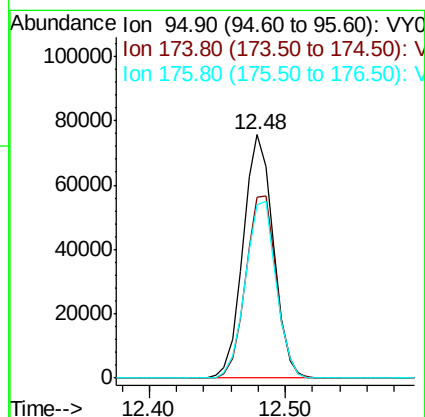
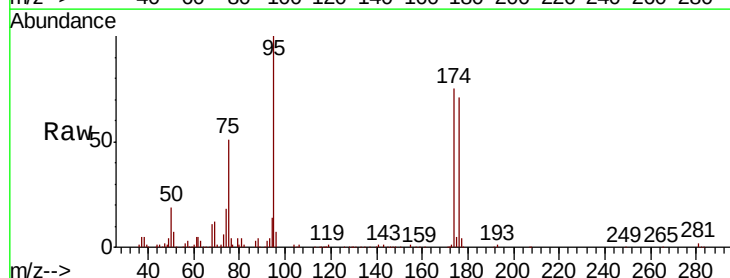
Tgt Ion: 95 Resp: 117308

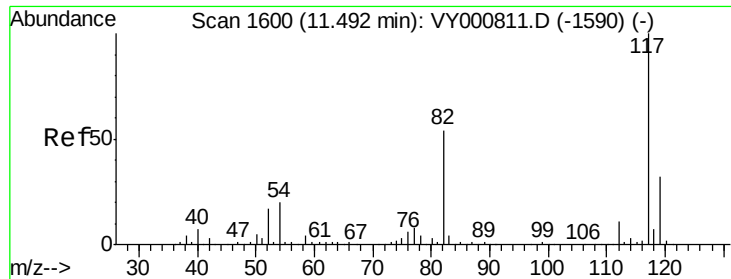
Ion Ratio Lower Upper

95 100

174 76.1 0.0 150.6

176 73.9 0.0 145.2

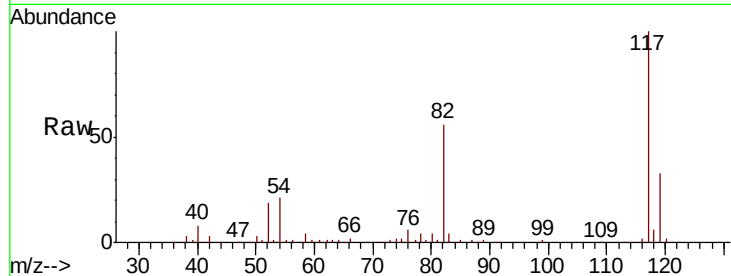




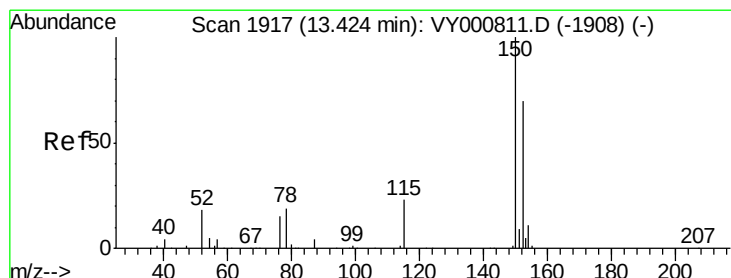
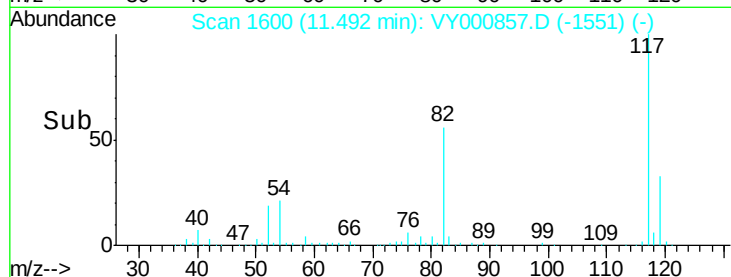
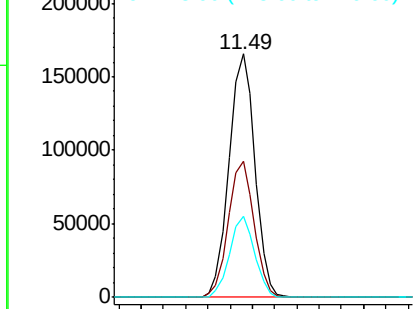
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000857.D
Acq: 04 Dec 2019 12:49

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(0-2)

Tot Ion:117 Resp: 266261
Ion Ratio Lower Upper
117 100
82 56.0 43.1 64.7
119 33.5 25.3 37.9

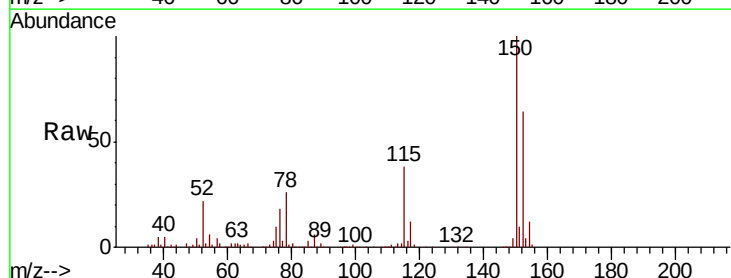


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000857.D
Acq: 04 Dec 2019 12:49

Tgt Ion:152 Resp: 115345
Ion Ratio Lower Upper
152 100
115 58.8 29.3 87.8
150 159.5 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

