

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
 Data File : VY001690.D
 Acq On : 19 Feb 2020 10:45
 Operator : SY/MD
 Sample : VY0219SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0219SBL01

Quant Time: Feb 20 05:49:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	151022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	278049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	247130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	108891	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	89417	55.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.08%	
35) Dibromofluoromethane	7.74	113	81777	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
50) Toluene-d8	10.19	98	333832	53.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.02%	
62) 4-Bromofluorobenzene	12.49	95	111417	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.94%	

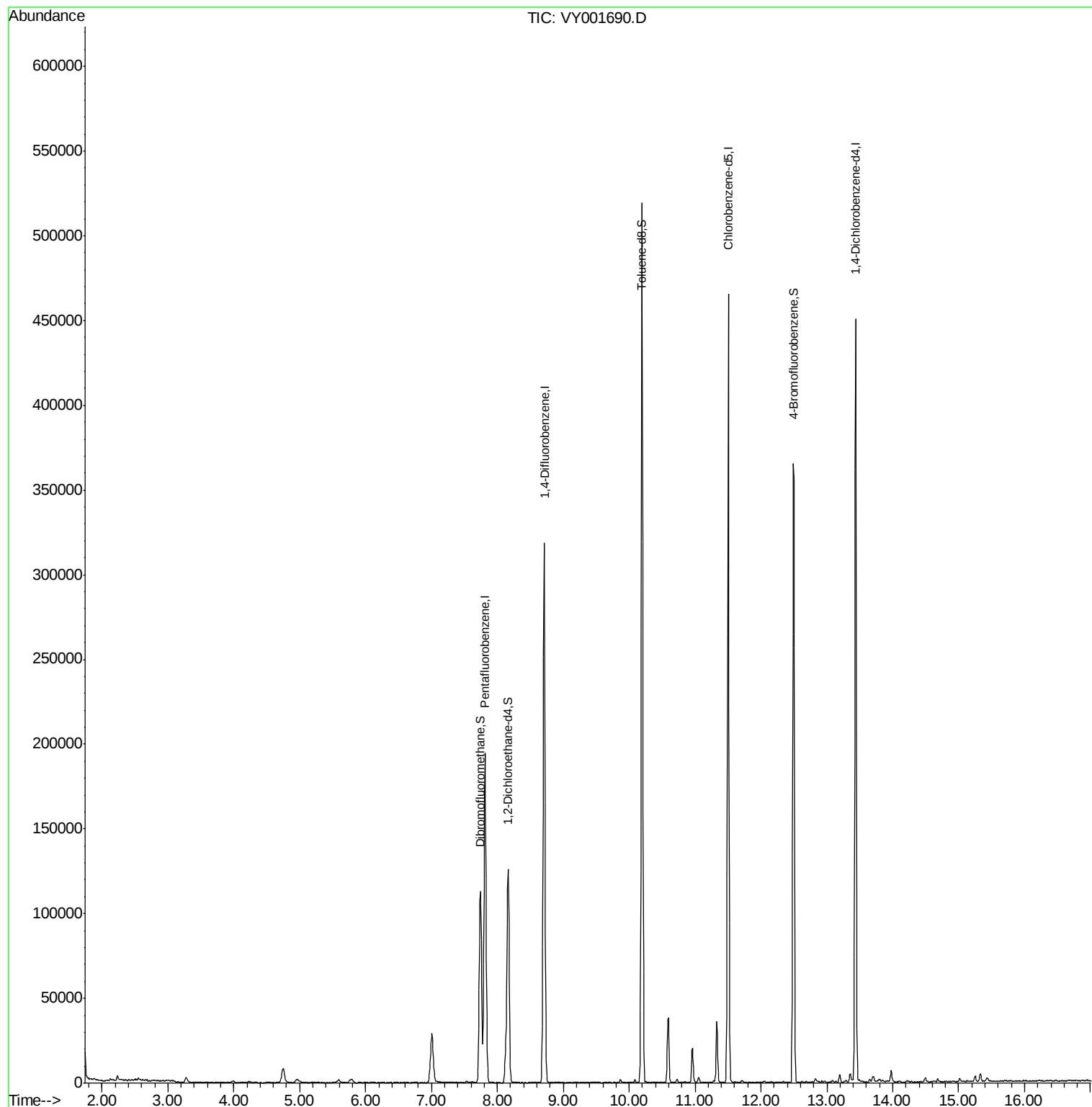
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001690.D

Acq: 19 Feb 2020 10:45

Instrument :

MSVOA_Y

ClientSampleId :

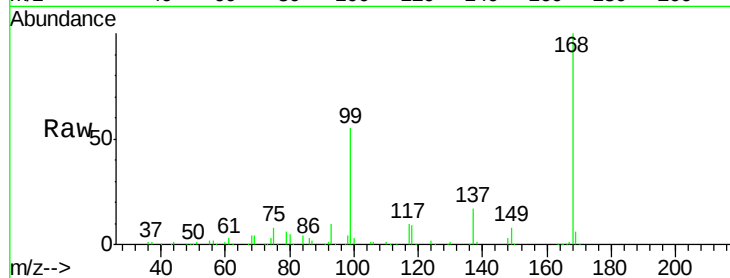
VY0219SBL01

Tot Ion:168 Resp: 151022

Ion Ratio Lower Upper

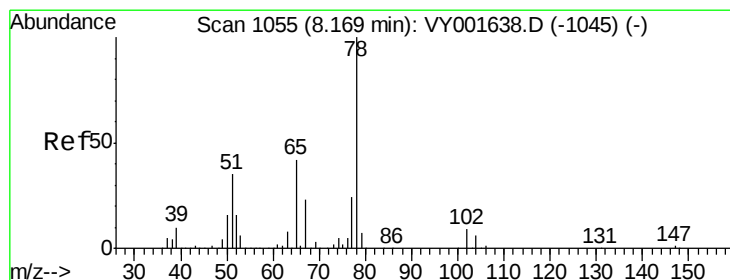
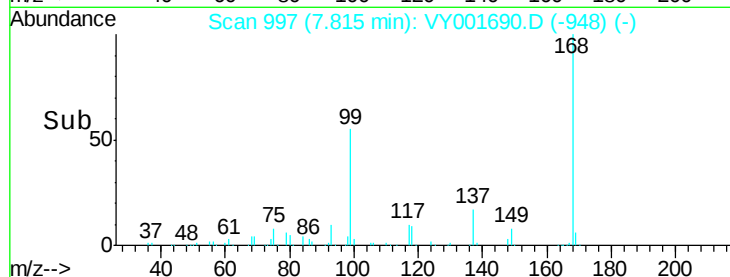
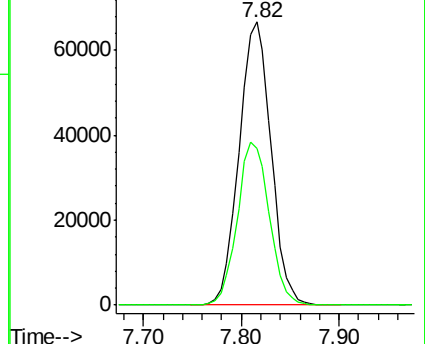
168 100

99 55.4 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)



#33

1,2-Dichloroethane-d4

Concen: 55.044 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001690.D

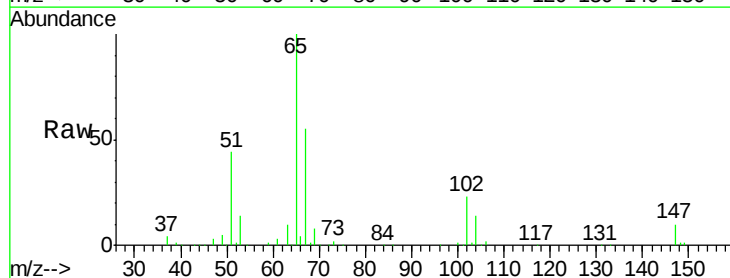
Acq: 19 Feb 2020 10:45

Tgt Ion: 65 Resp: 89417

Ion Ratio Lower Upper

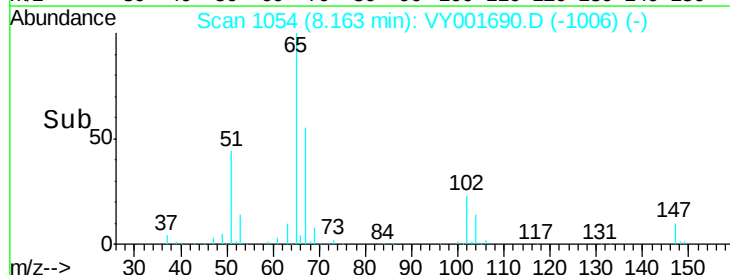
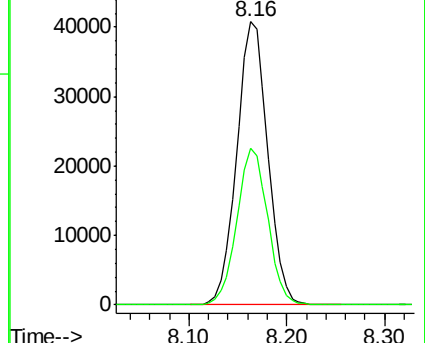
65 100

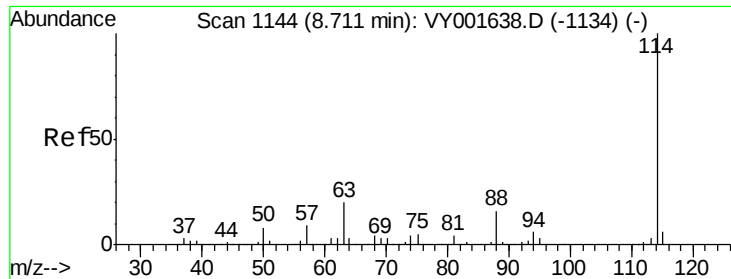
67 55.0 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001638.D (-1045) (-)

Ion 66.90 (66.60 to 67.60): VY001638.D (-1045) (-)

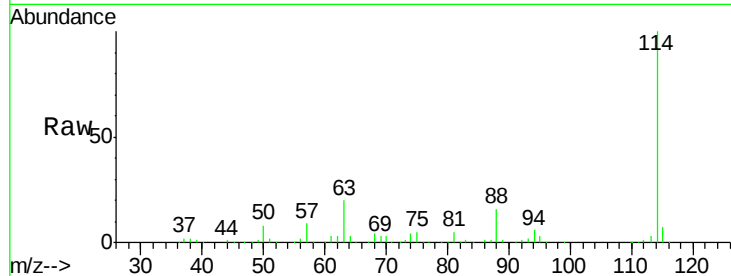




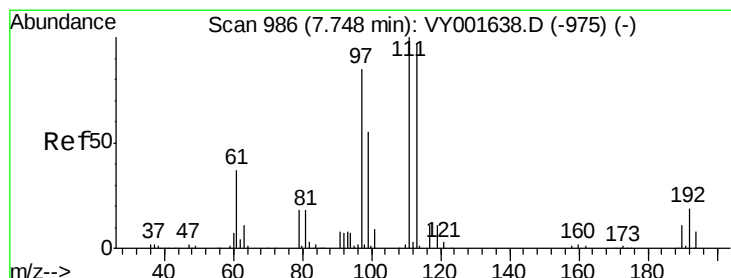
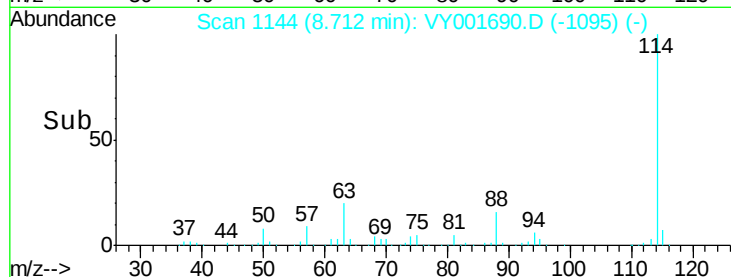
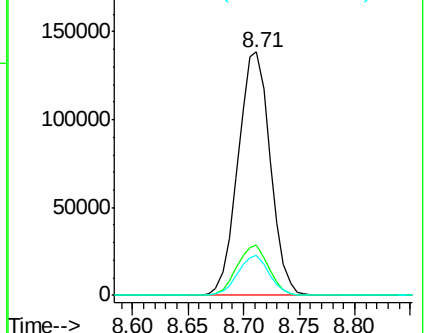
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VY001690.D
Acq: 19 Feb 2020 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBL01

Tot Ion:114 Resp: 278049
Ion Ratio Lower Upper
114 100
63 20.5 0.0 41.4
88 16.4 0.0 32.8

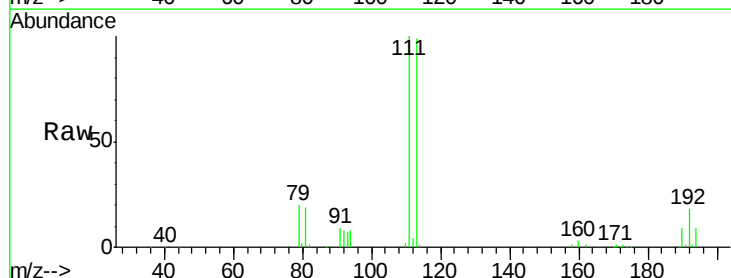


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

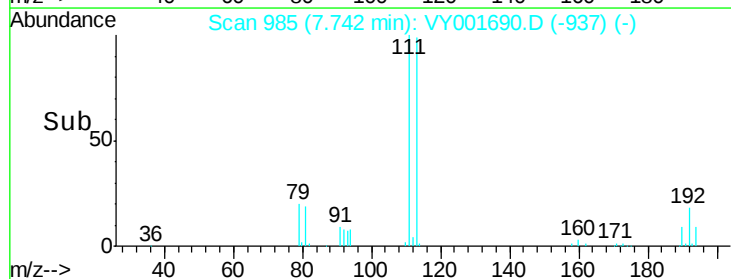
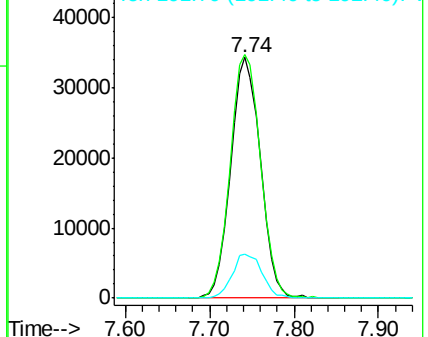


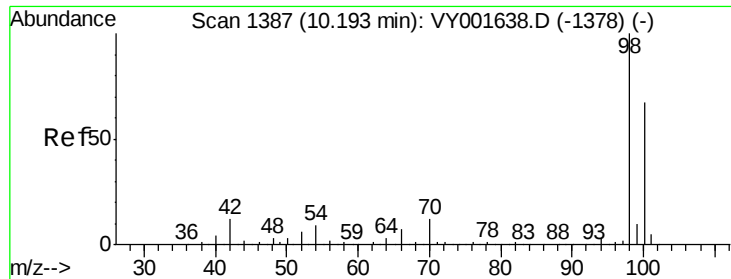
#35
Dibromofluoromethane
Concen: 51.350 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001690.D
Acq: 19 Feb 2020 10:45

Tgt Ion:113 Resp: 81777
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 18.5 14.3 21.5



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: 53.507 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001690.D

Acq: 19 Feb 2020 10:45

Instrument :

MSVOA_Y

ClientSampleId :

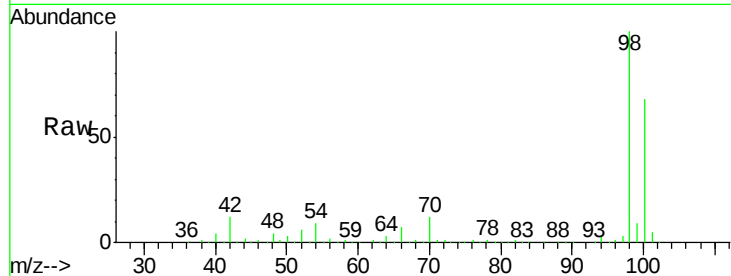
VY0219SBL01

Tot Ion: 98 Resp: 333832

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

200000

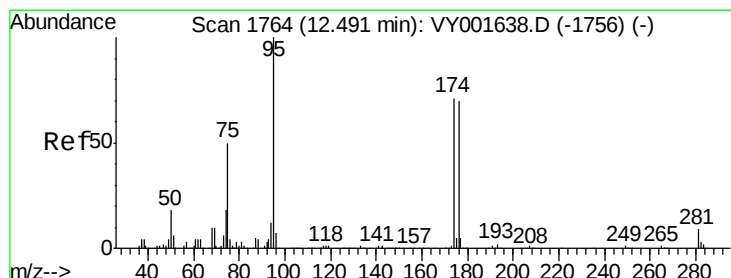
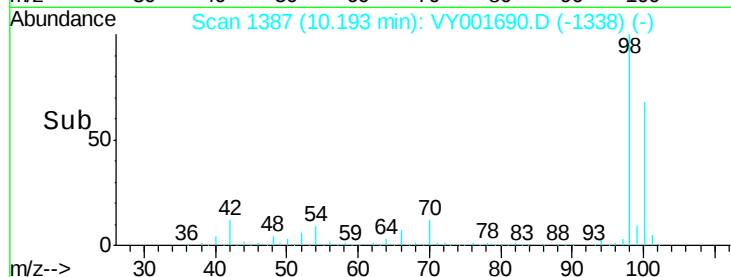
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.967 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001690.D

Acq: 19 Feb 2020 10:45

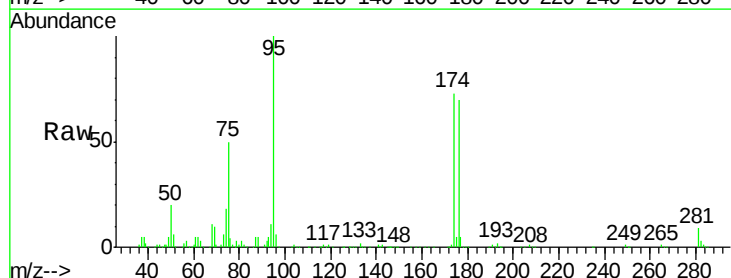
Tgt Ion: 95 Resp: 111417

Ion Ratio Lower Upper

95 100

174 76.1 0.0 138.4

176 72.5 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

100000

80000

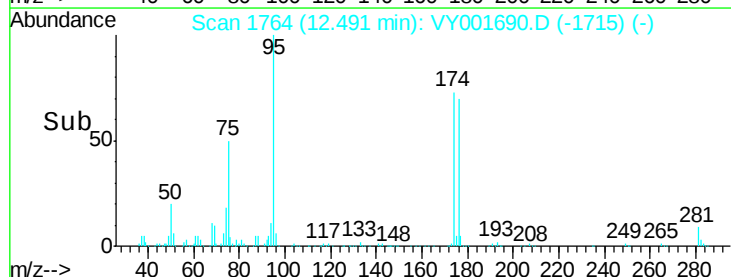
60000

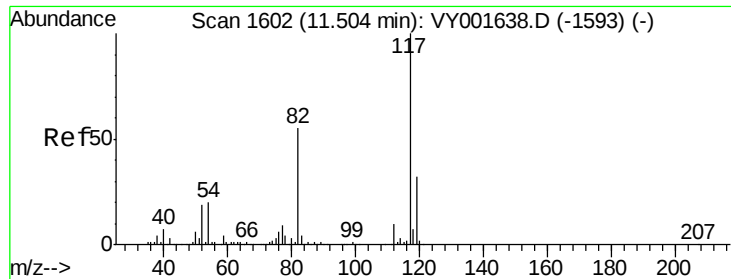
40000

20000

0

Time-->

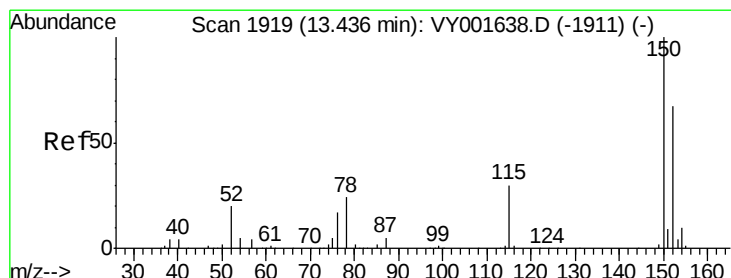
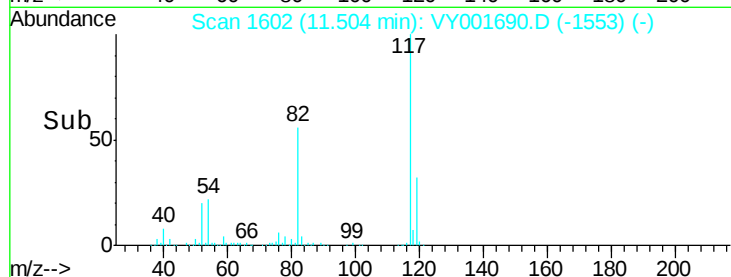
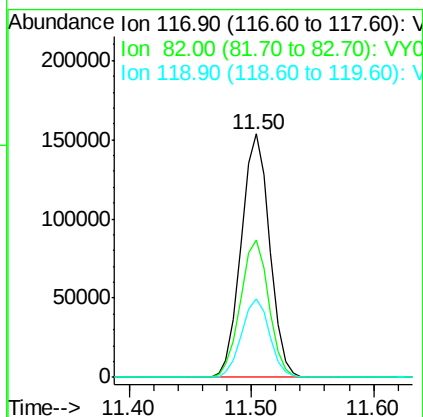
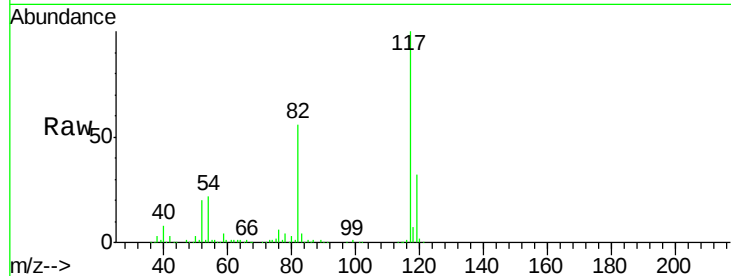




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001690.D
Acq: 19 Feb 2020 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0219SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.5	68.3
119	32.0	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001690.D
Acq: 19 Feb 2020 10:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	31.4	94.2
150	158.0	0.0	407.2

