

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070820\
 Data File : VY003135.D
 Acq On : 08 Jul 2020 14:34
 Operator : SY/MD
 Sample : VY0708SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBL01

Quant Time: Jul 09 04:54:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	381536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	577420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	533959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	280648	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	187590	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
35) Dibromofluoromethane	7.72	113	187739	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
50) Toluene-d8	10.18	98	671107	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.48	95	239041	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	

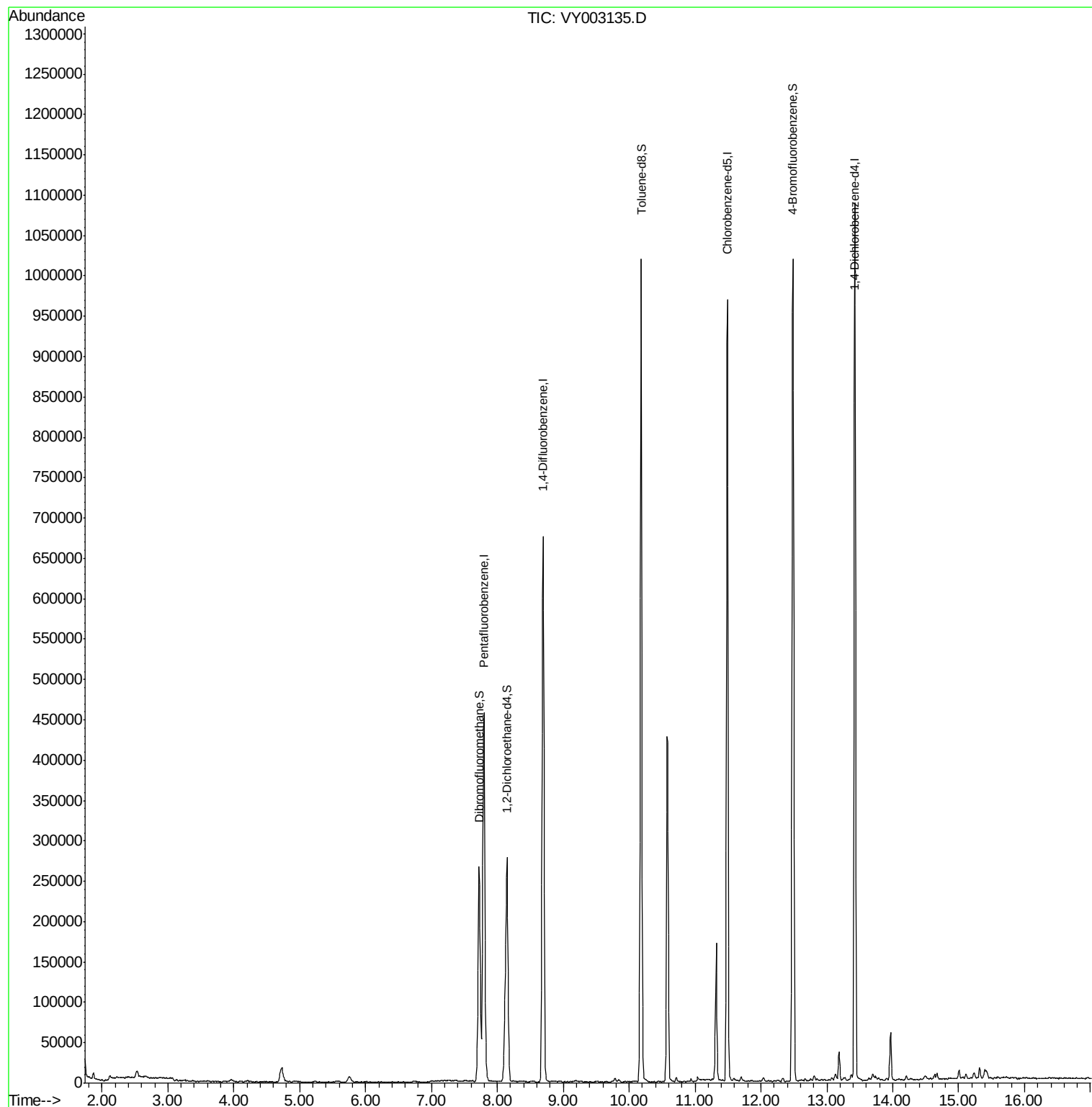
Target Compounds	Qvalue

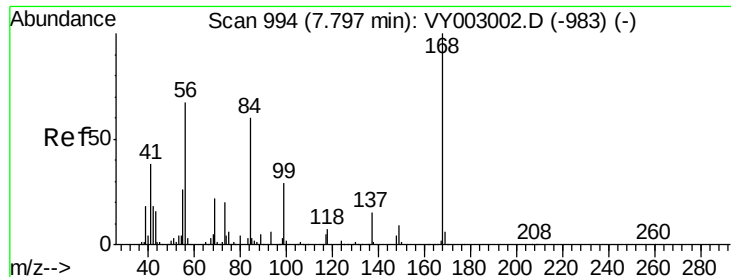
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003135.D

Acq: 08 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

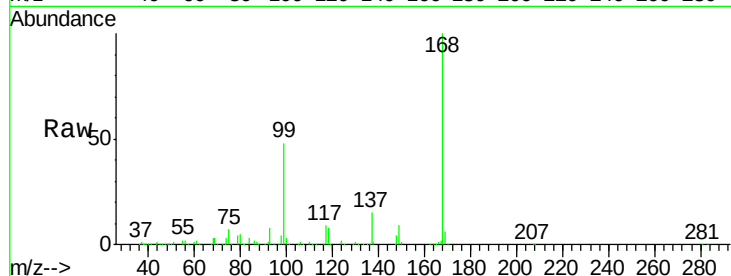
VY0708SBL01

Tot Ion:168 Resp: 381536

Ion Ratio Lower Upper

168 100

99 47.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003135.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003135.D (-945) (-)

7.80

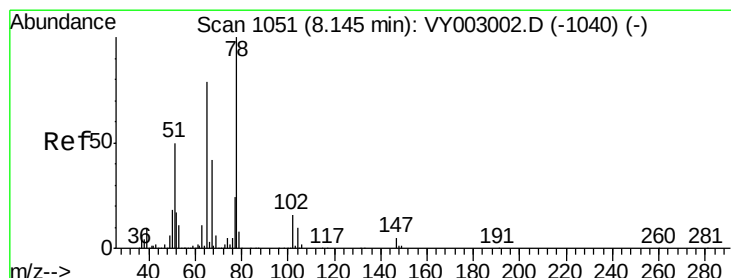
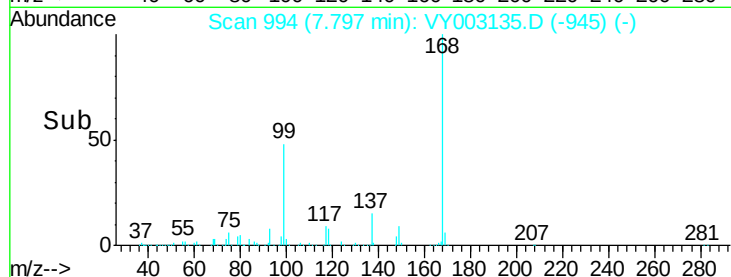
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.504 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003135.D

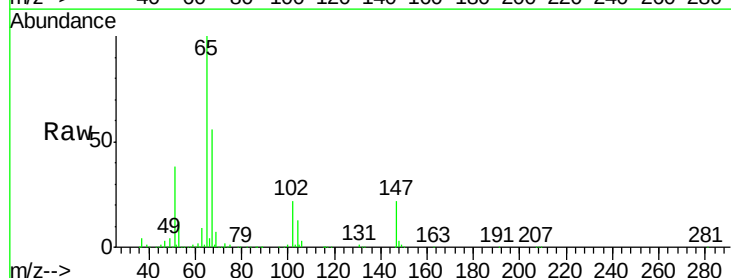
Acq: 08 Jul 2020 14:34

Tgt Ion: 65 Resp: 187590

Ion Ratio Lower Upper

65 100

67 54.6 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VY003135.D (-1002) (-)

Ion 66.90 (66.60 to 67.60): VY003135.D (-1002) (-)

8.14

100000

80000

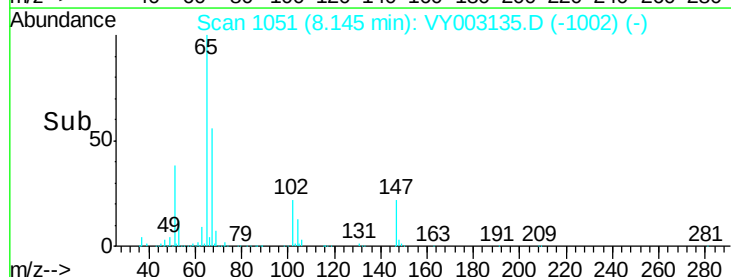
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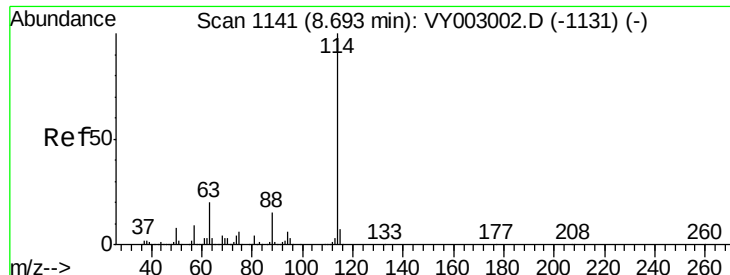
40000

20000

0

Time-->

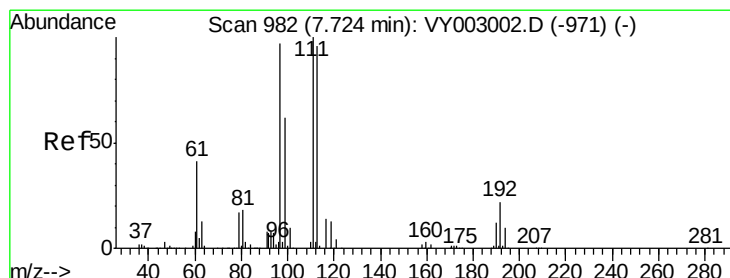
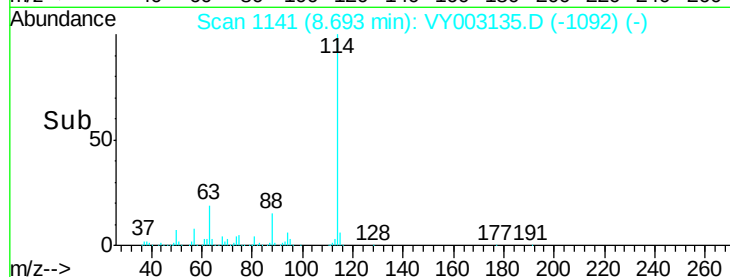
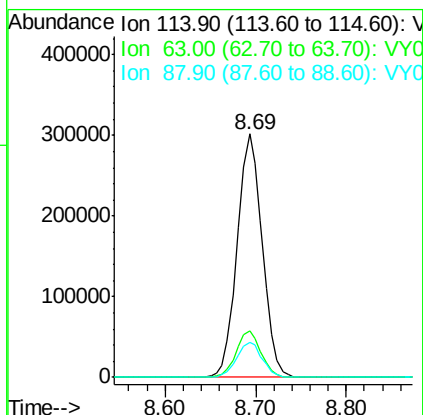
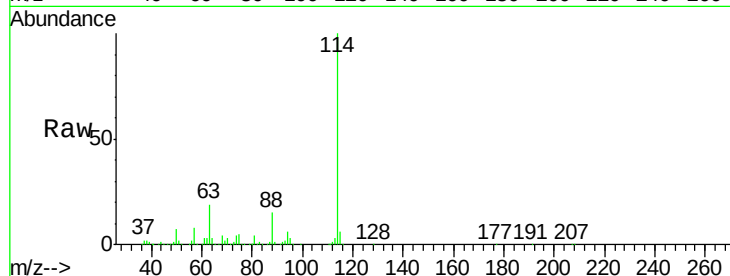




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY003135.D
Acq: 08 Jul 2020 14:34

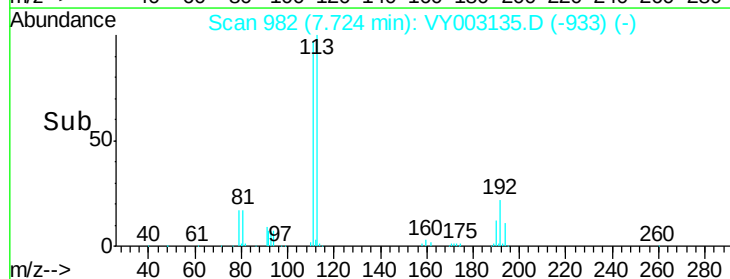
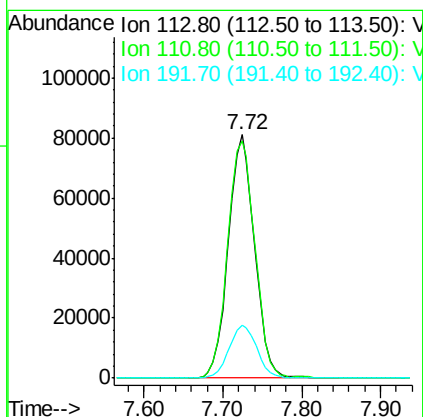
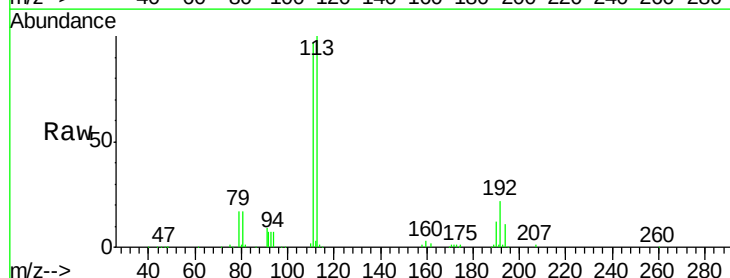
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBL01

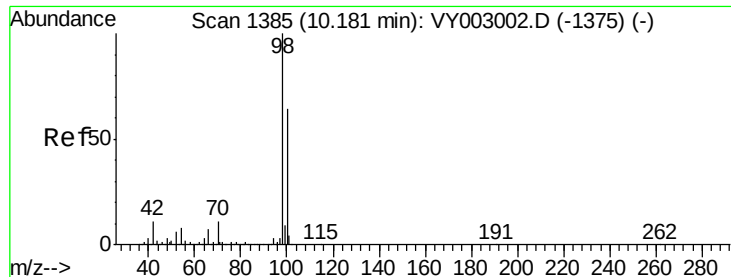
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	40.6
88	14.6	0.0	30.0



#35
Dibromofluoromethane
Concen: 52.120 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003135.D
Acq: 08 Jul 2020 14:34

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.6	123.8
192	22.9	18.1	27.1





#50

Toluene-d8

Concen: 50.011 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003135.D

Acq: 08 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

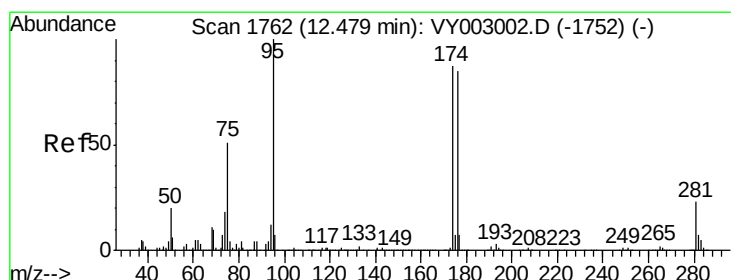
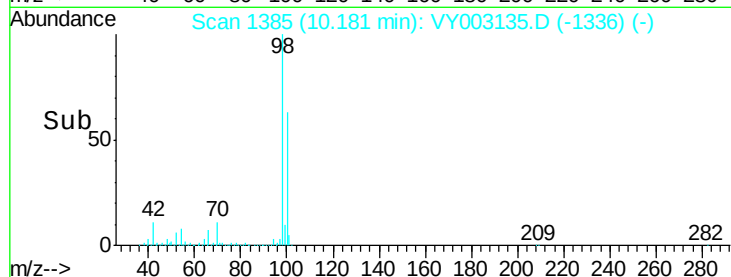
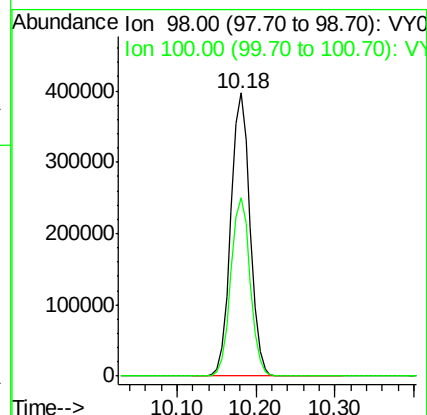
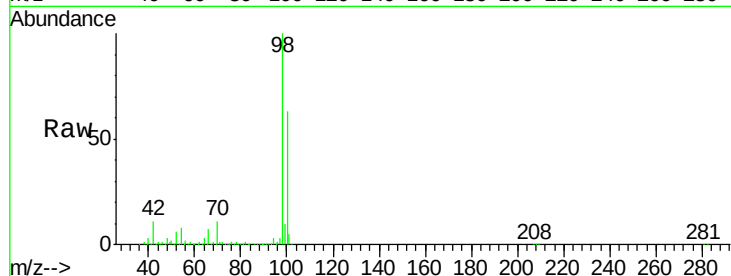
VY0708SBL01

Tot Ion: 98 Resp: 671107

Ion Ratio Lower Upper

98 100

100 63.4 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 50.606 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003135.D

Acq: 08 Jul 2020 14:34

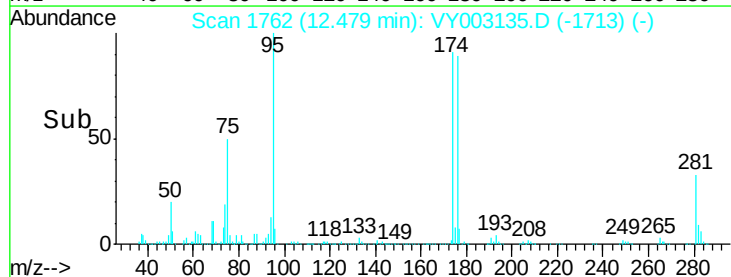
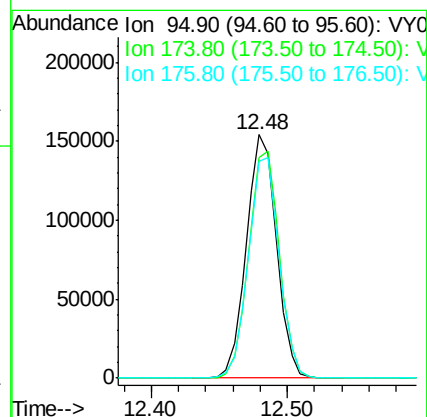
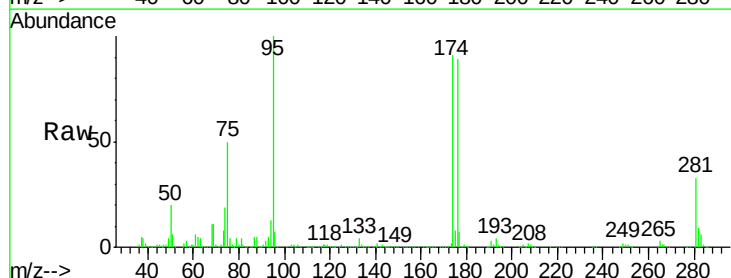
Tgt Ion: 95 Resp: 239041

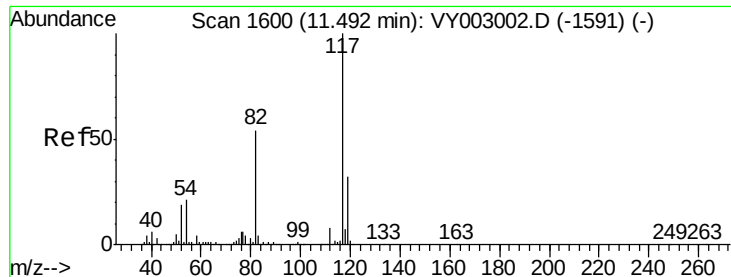
Ion Ratio Lower Upper

95 100

174 95.2 0.0 184.8

176 92.7 0.0 183.0

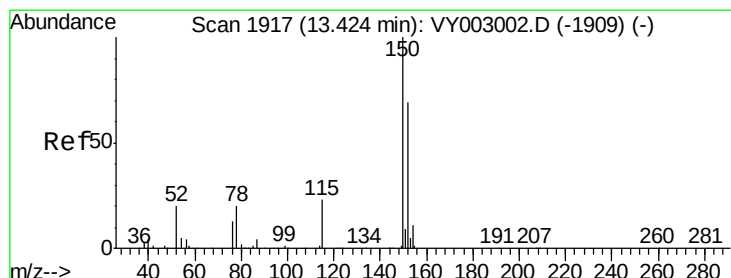
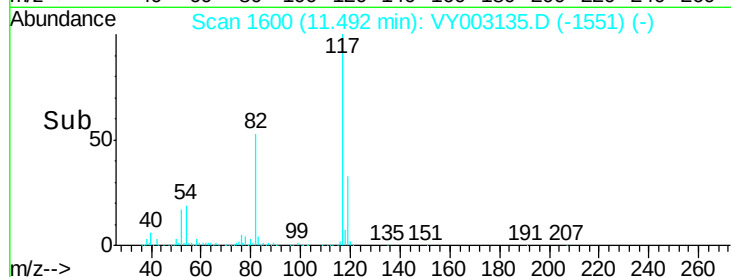
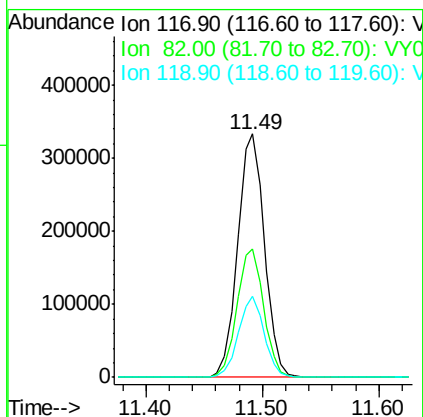
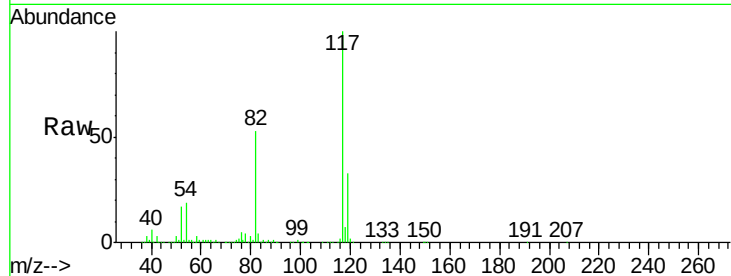




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003135.D
Acq: 08 Jul 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	43.0	64.6
119	33.2	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003135.D
Acq: 08 Jul 2020 14:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.3	81.9
150	157.3	0.0	343.4

