

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002556.D
 Acq On : 04 May 2020 22:16
 Operator : SY/MD
 Sample : VY0504SBL02
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBL02

Quant Time: May 05 08:46:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	384506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	601742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	547597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	280790	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	175059	54.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.30%	
35) Dibromofluoromethane	7.75	113	179355	52.12	ug/l	0.01
Spiked Amount	50.000		Recovery	=	104.24%	
50) Toluene-d8	10.19	98	681319	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.49	95	237819	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	

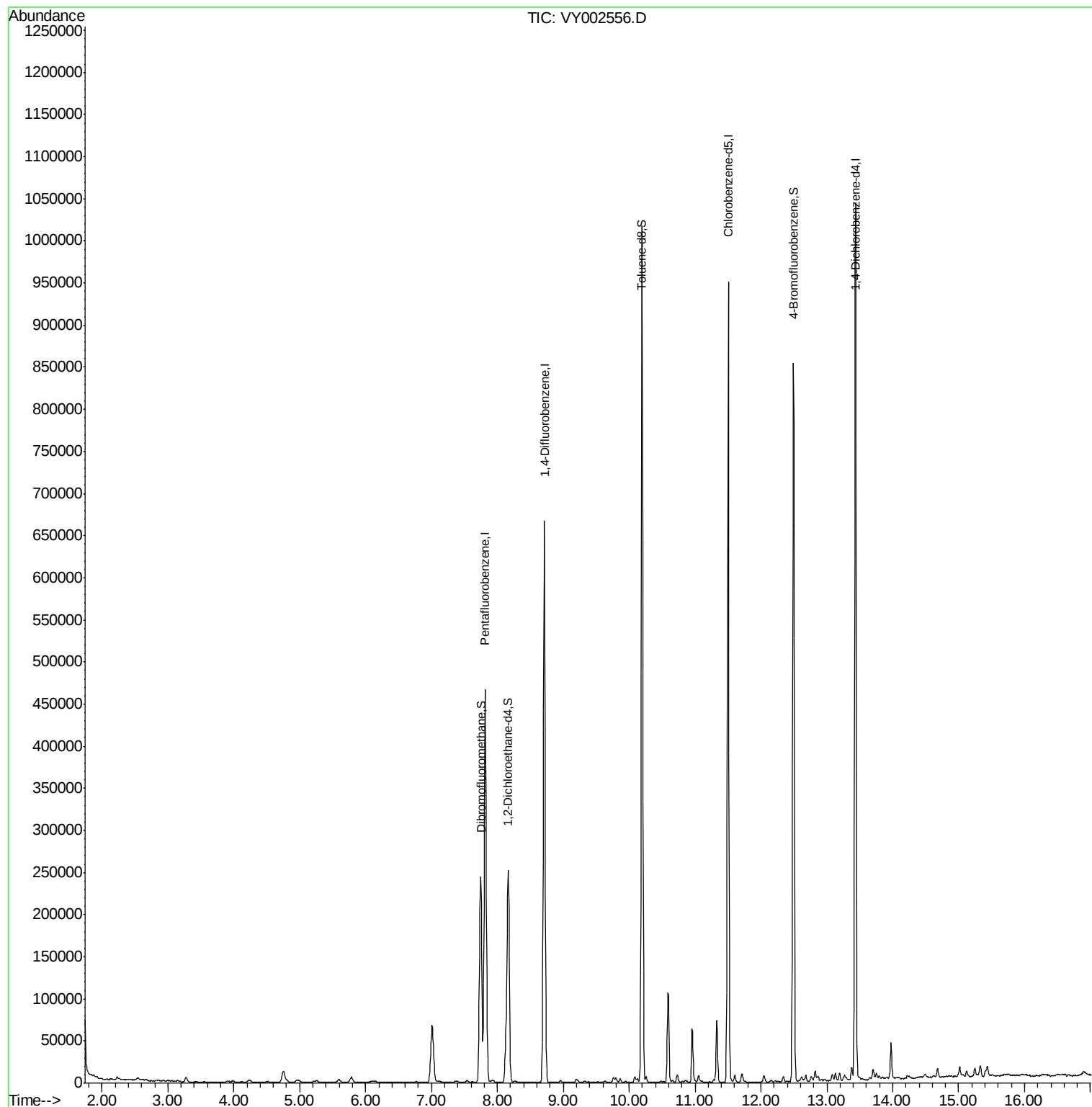
Target Compounds	Qvalue

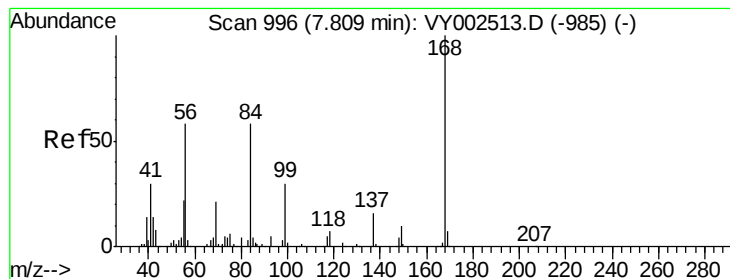
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 04 12:22:08 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002556.D

Acq: 04 May 2020 22:16

Instrument :

MSVOA_Y

ClientSampleId :

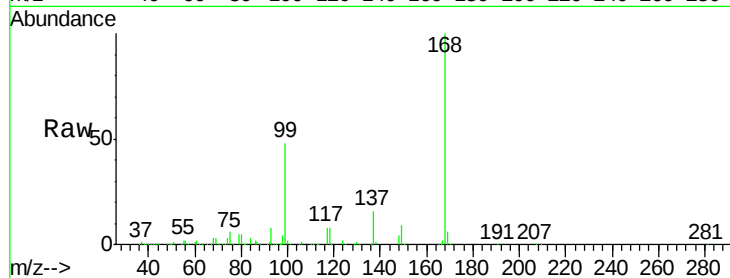
VY0504SBL02

Tot Ion:168 Resp: 384506

Ion Ratio Lower Upper

168 100

99 48.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.82

200000

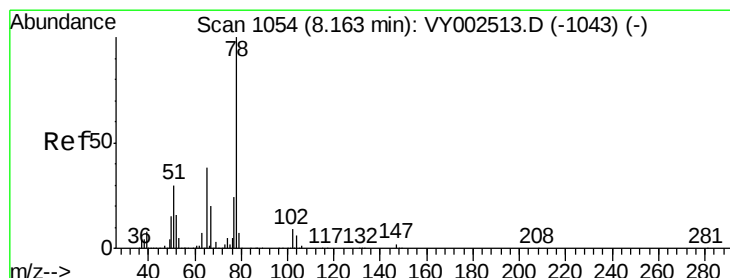
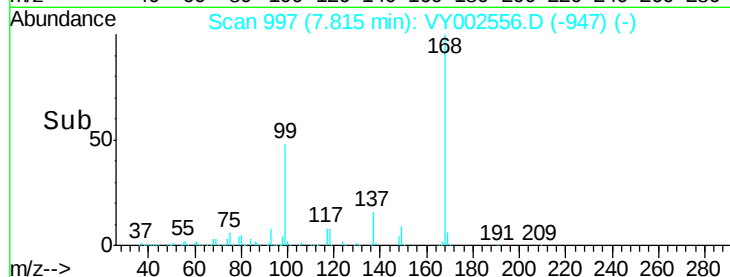
150000

100000

50000

0

Time--> 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 54.148 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VY002556.D

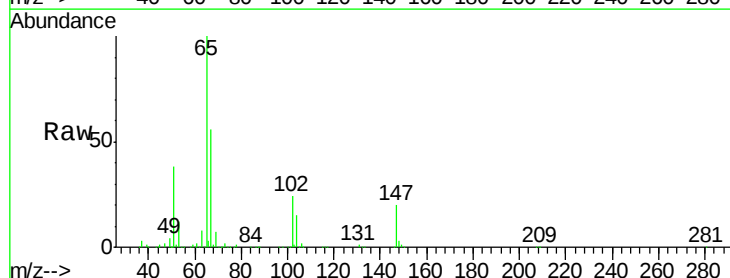
Acq: 04 May 2020 22:16

Tgt Ion: 65 Resp: 175059

Ion Ratio Lower Upper

65 100

67 54.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.16

80000

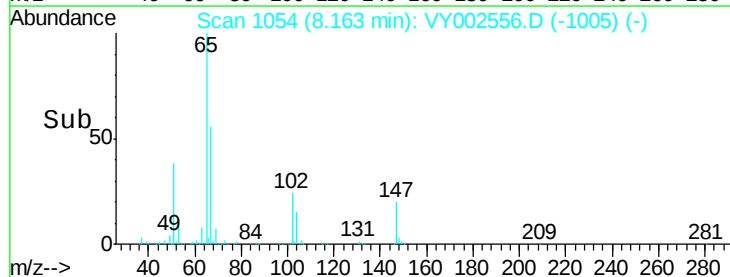
60000

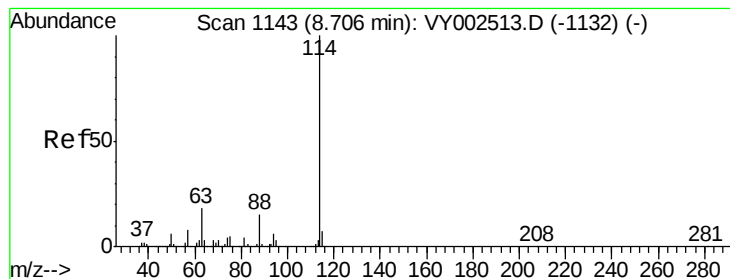
40000

20000

0

Time--> 8.10 8.20 8.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002556.D

Acq: 04 May 2020 22:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBL02

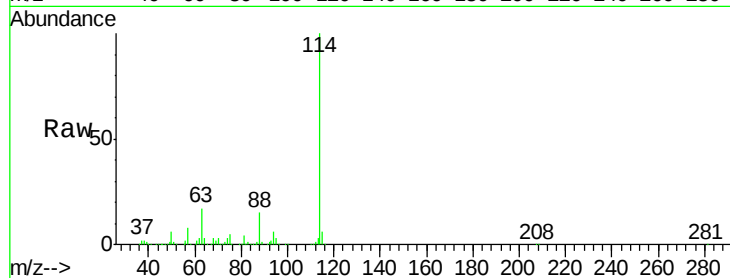
Tot Ion:114 Resp: 601742

Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.4

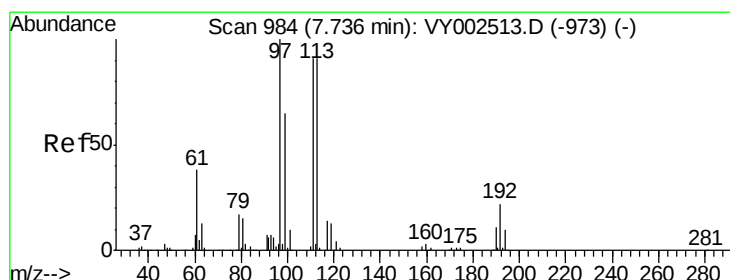
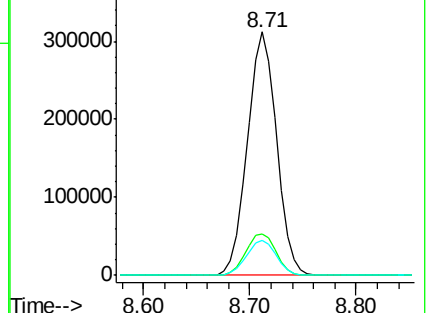
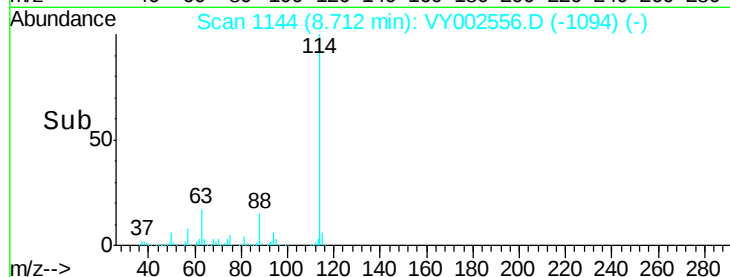
88 14.6 0.0 29.6



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: 52.117 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY002556.D

Acq: 04 May 2020 22:16

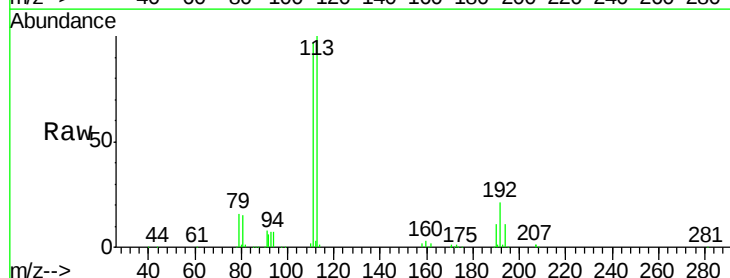
Tgt Ion:113 Resp: 179355

Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.6

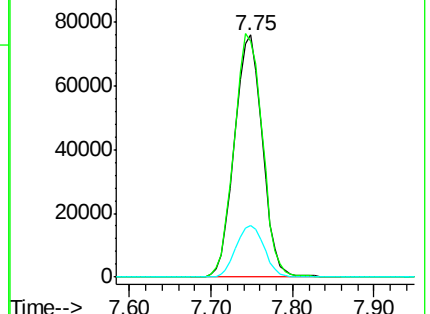
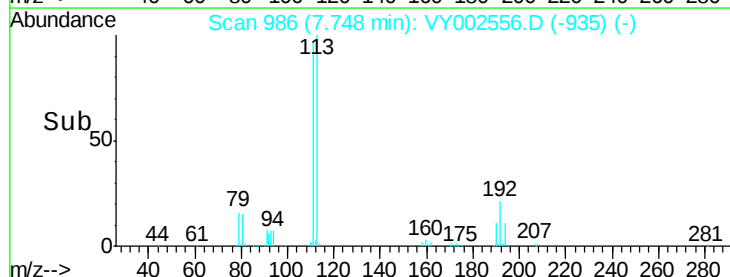
192 21.6 18.2 27.4

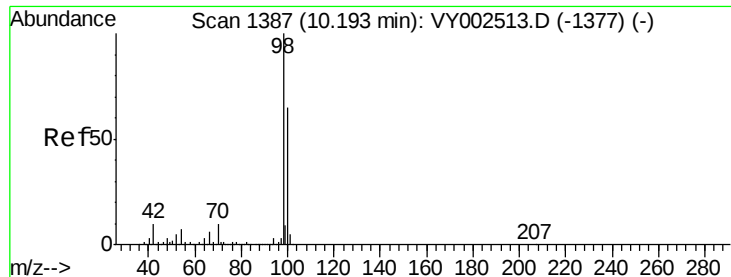


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.697 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VY002556.D

Acq: 04 May 2020 22:16

Instrument :

MSVOA_Y

ClientSampleId :

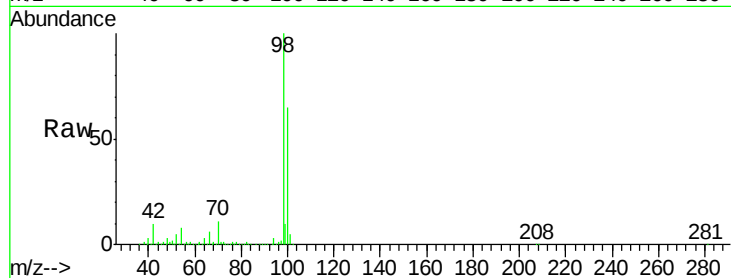
VY0504SBL02

Tot Ion: 98 Resp: 681319

Ion Ratio Lower Upper

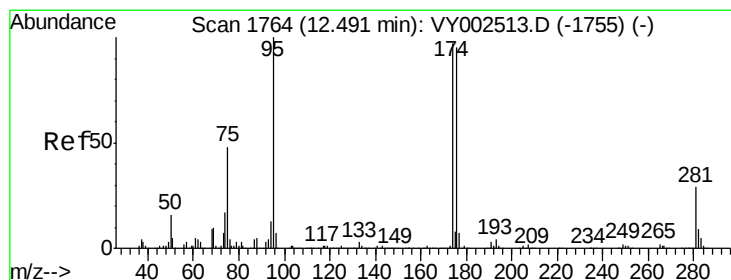
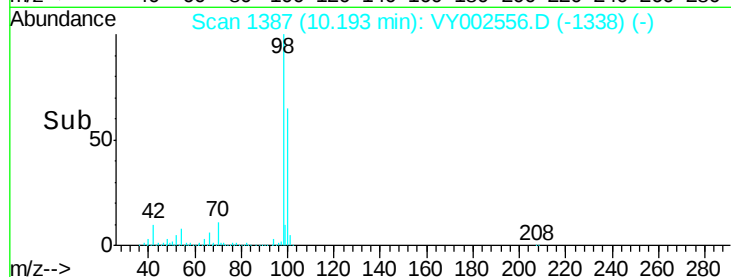
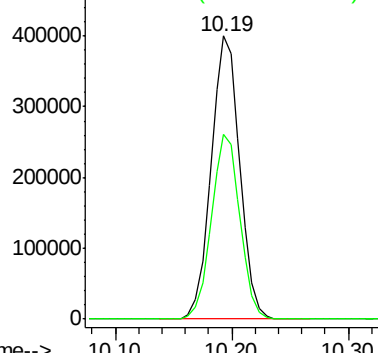
98 100

100 65.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 52.151 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002556.D

Acq: 04 May 2020 22:16

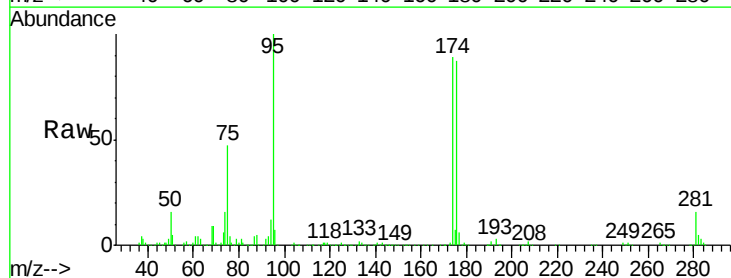
Tgt Ion: 95 Resp: 237819

Ion Ratio Lower Upper

95 100

174 90.9 0.0 188.8

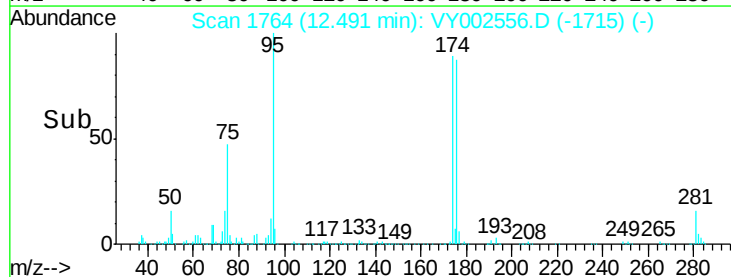
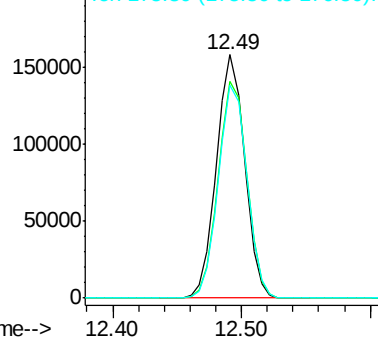
176 88.8 0.0 183.2

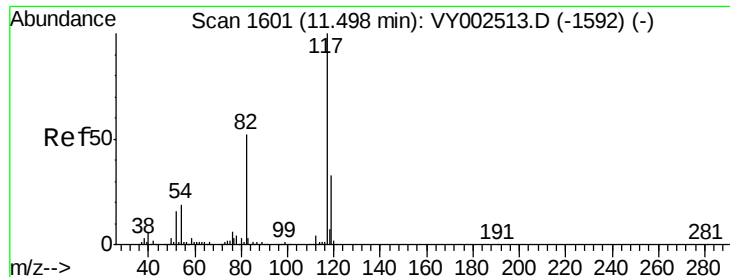


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

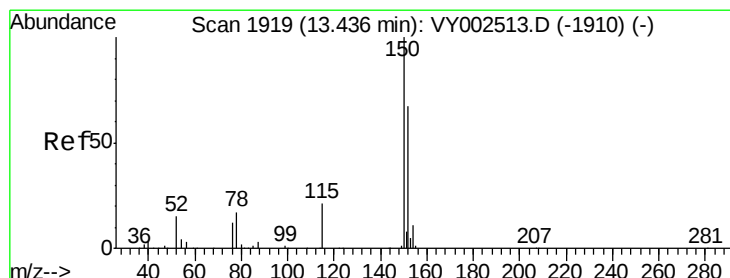
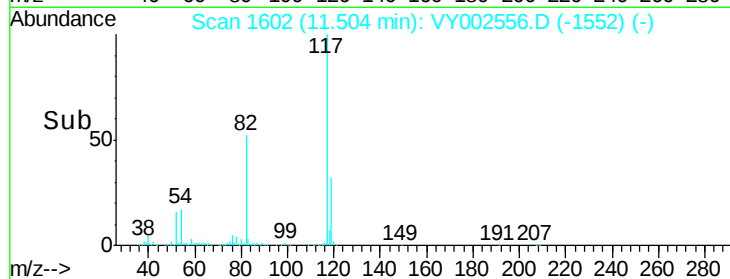
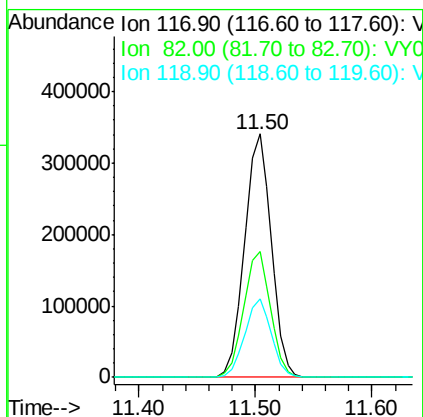
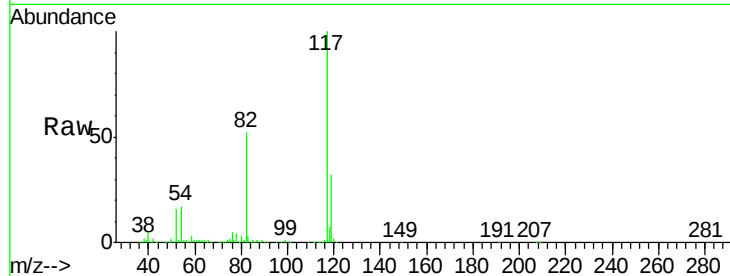




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002556.D
Acq: 04 May 2020 22:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBL02

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	41.3	61.9
119	32.2	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002556.D
Acq: 04 May 2020 22:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.5	82.4
150	157.7	0.0	346.4

