

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002560.D
 Acq On : 04 May 2020 23:44
 Operator : SY/MD
 Sample : L2474-02
 Misc : 5.02G/5ML/MSVOA Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: May 05 09:01:41 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	346321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	568276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	513884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	251266	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	173117	59.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.90%	
35) Dibromofluoromethane	7.75	113	176379	54.27	ug/l	0.01
Spiked Amount	50.000		Recovery	=	108.54%	
50) Toluene-d8	10.19	98	666099	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
62) 4-Bromofluorobenzene	12.49	95	220883	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	

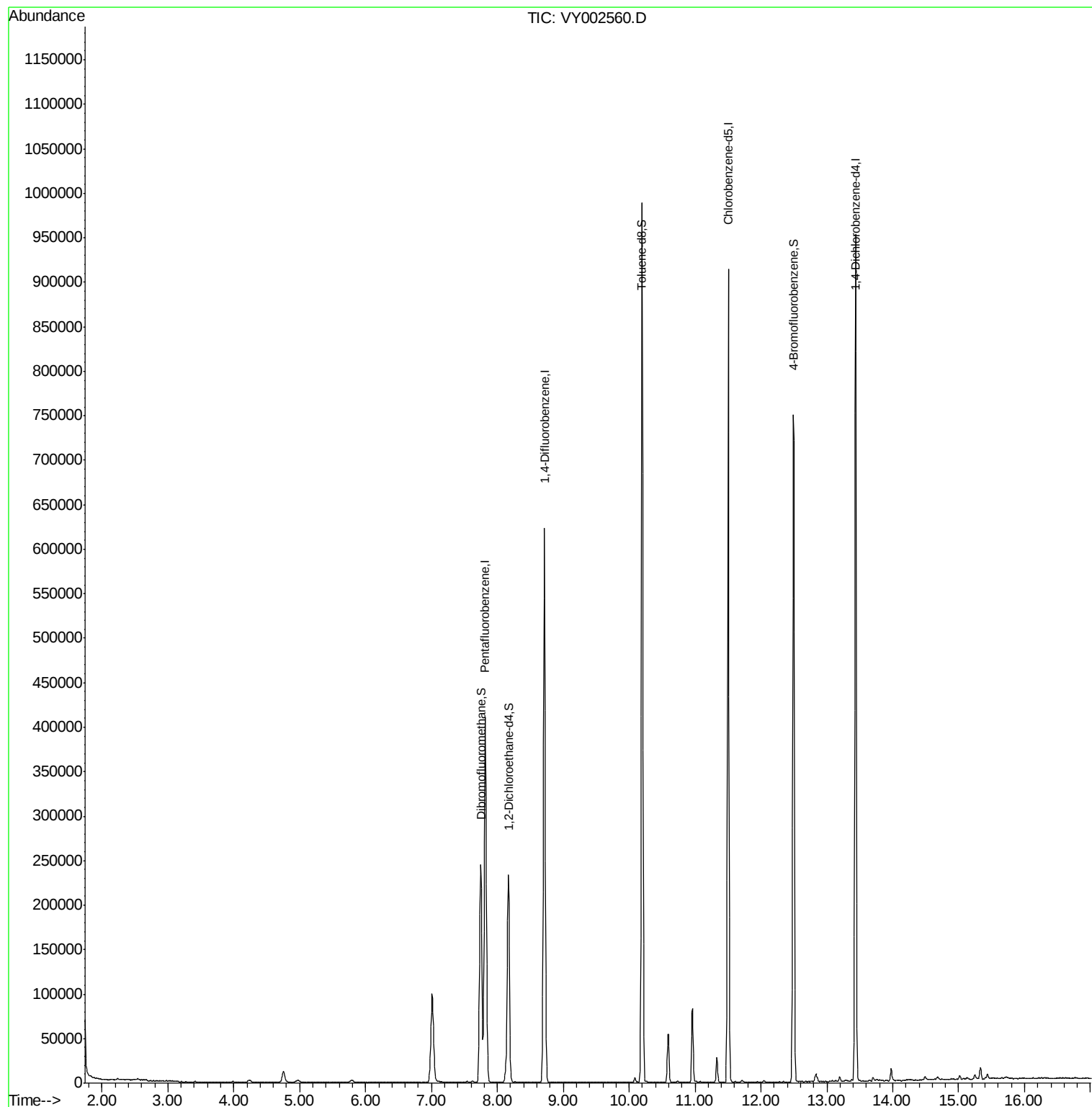
Target Compounds	Qvalue

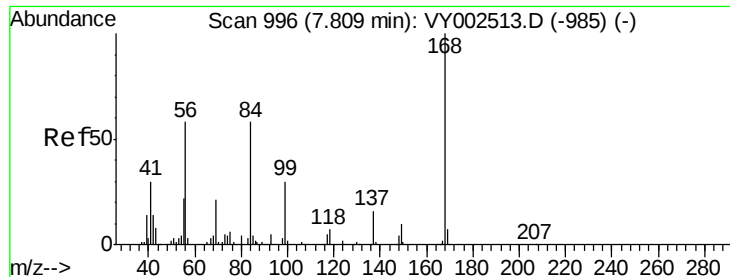
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002560.D

Acq: 04 May 2020 23:44

Instrument :

MSVOA_Y

ClientSampleId :

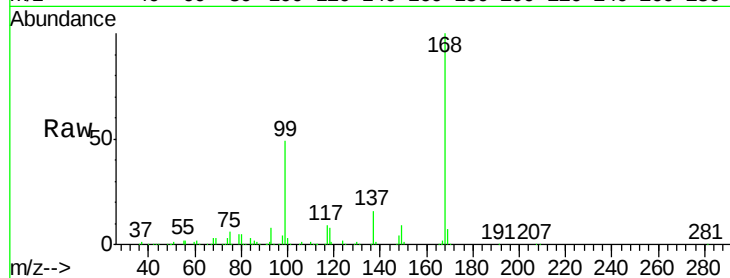
VOC

Tot Ion:168 Resp: 346321

Ion Ratio Lower Upper

168 100

99 49.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.82

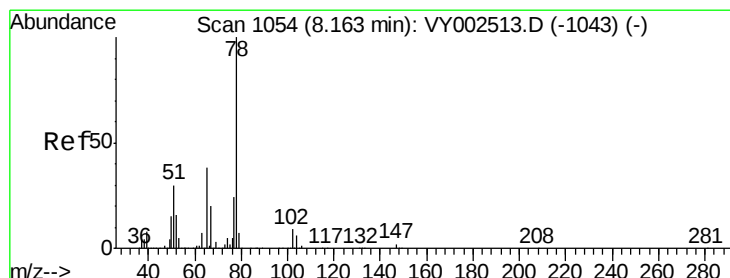
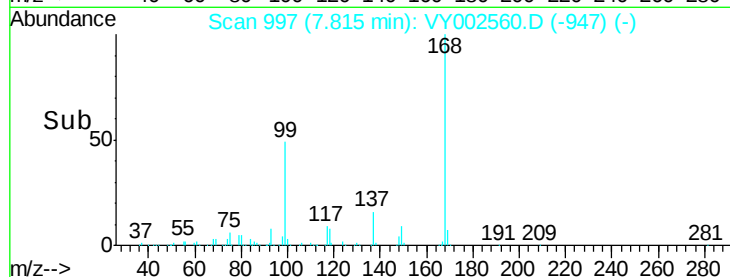
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.451 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002560.D

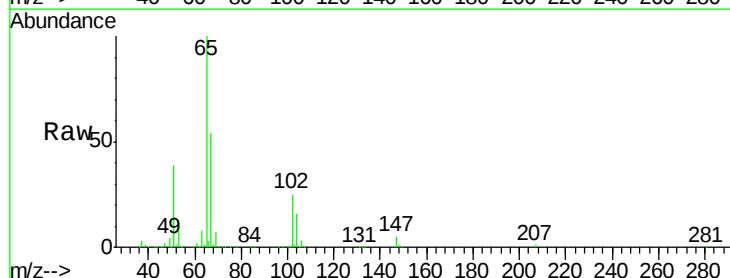
Acq: 04 May 2020 23:44

Tgt Ion: 65 Resp: 173117

Ion Ratio Lower Upper

65 100

67 54.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY002513.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002513.D (-1043) (-)

8.17

80000

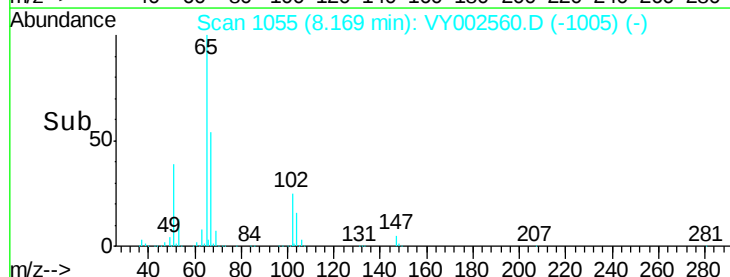
60000

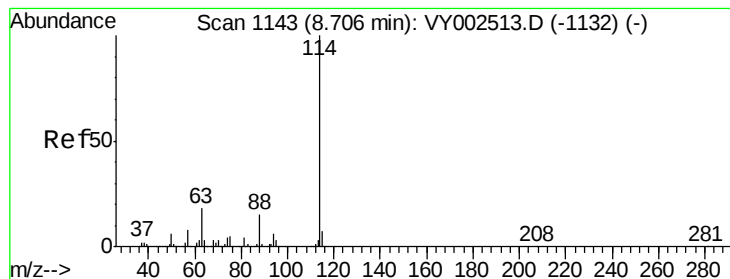
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002560.D

Acq: 04 May 2020 23:44

Instrument :

MSVOA_Y

ClientSampleId :

VOC

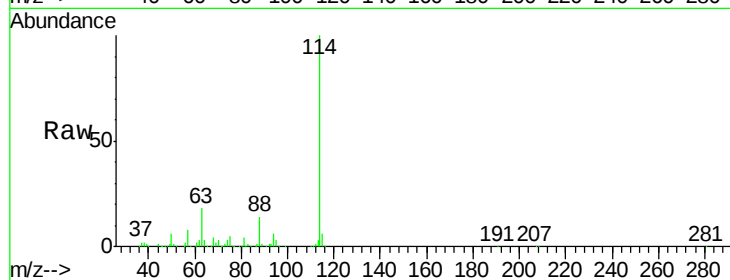
Tot Ion:114 Resp: 568276

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.4

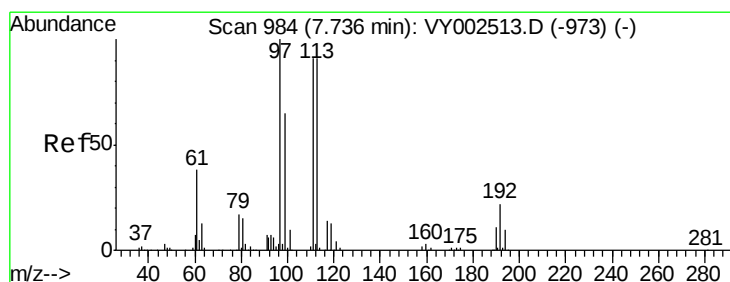
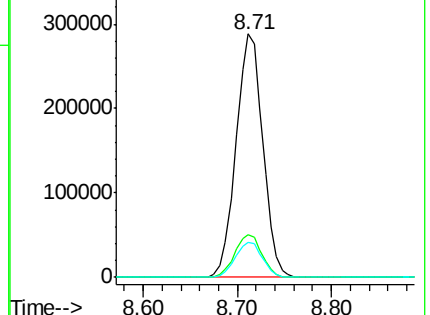
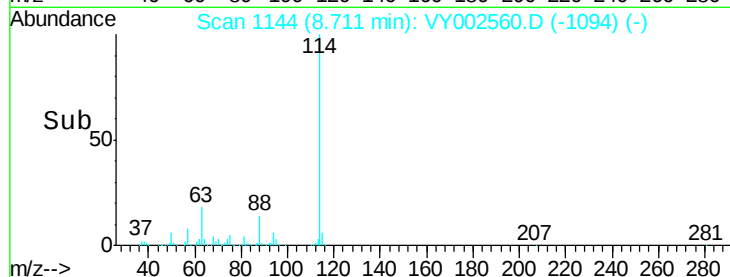
88 14.2 0.0 29.6



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: 54.271 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY002560.D

Acq: 04 May 2020 23:44

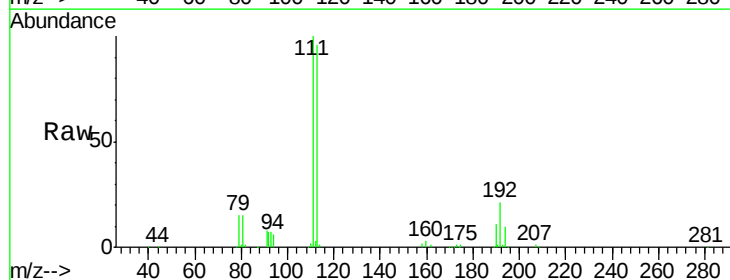
Tgt Ion:113 Resp: 176379

Ion Ratio Lower Upper

113 100

111 100.4 81.8 122.6

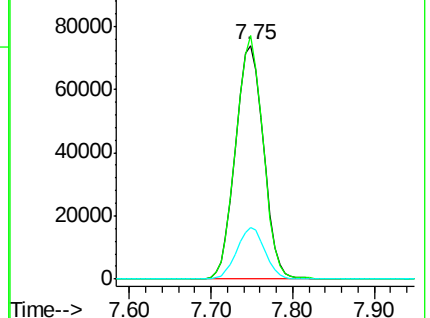
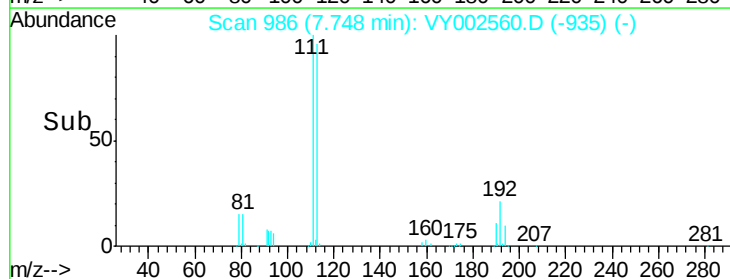
192 22.0 18.2 27.4

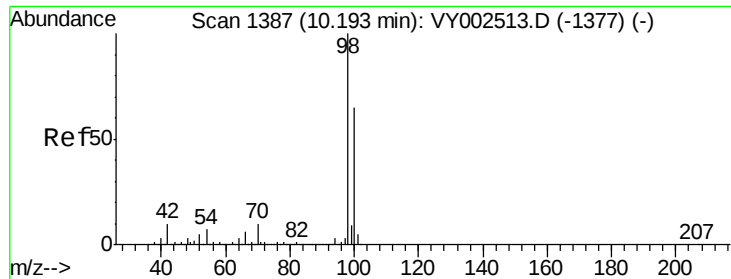


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.483 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VY002560.D

Acq: 04 May 2020 23:44

Instrument :

MSVOA_Y

ClientSampleId :

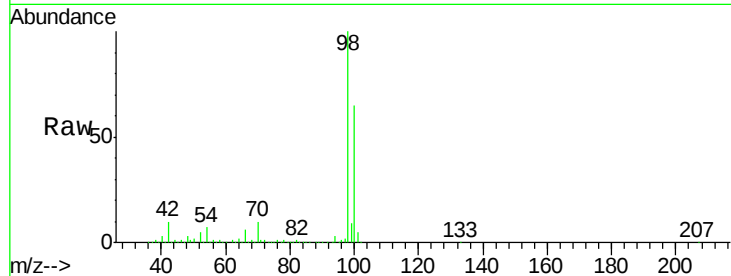
VOC

Tot Ion: 98 Resp: 666099

Ion Ratio Lower Upper

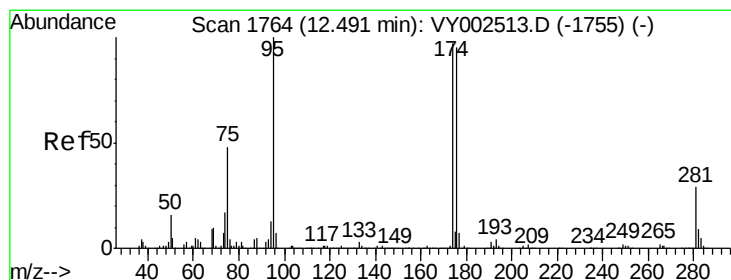
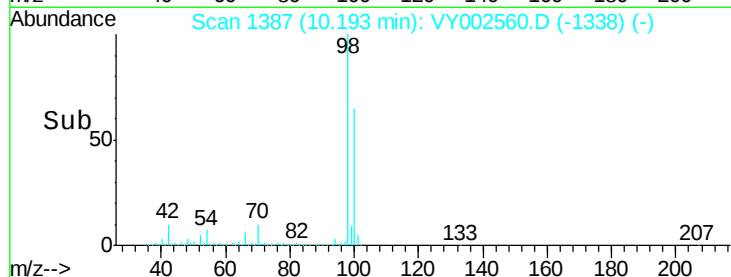
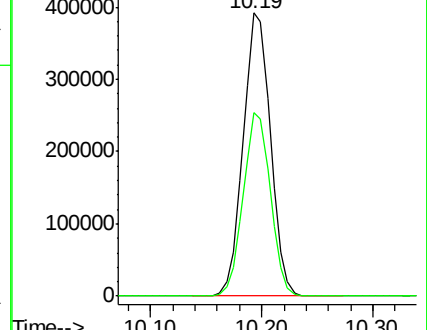
98 100

100 64.7 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: 51.289 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002560.D

Acq: 04 May 2020 23:44

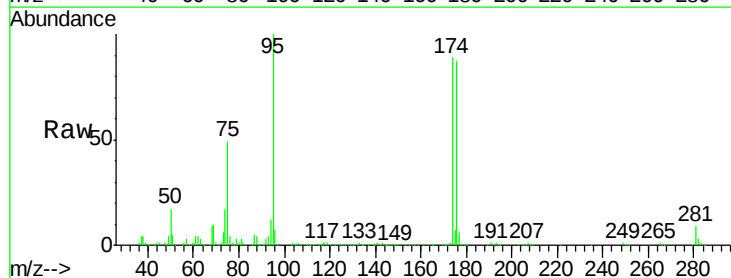
Tgt Ion: 95 Resp: 220883

Ion Ratio Lower Upper

95 100

174 93.4 0.0 188.8

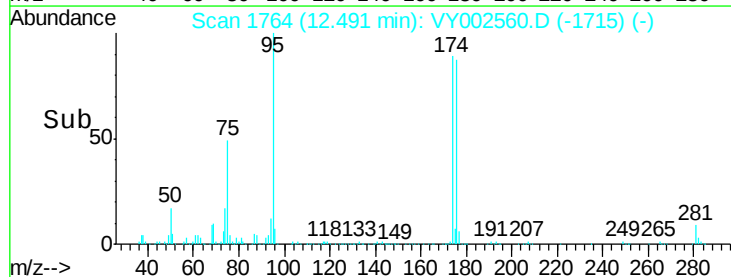
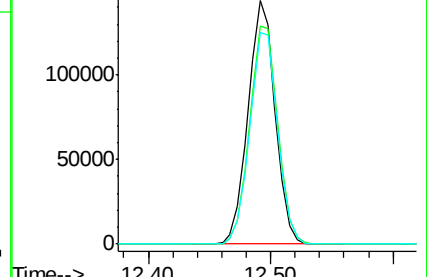
176 89.7 0.0 183.2

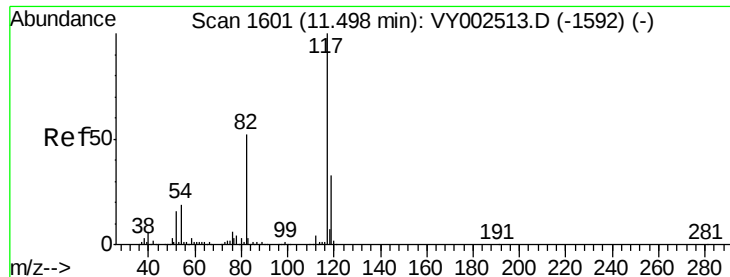


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

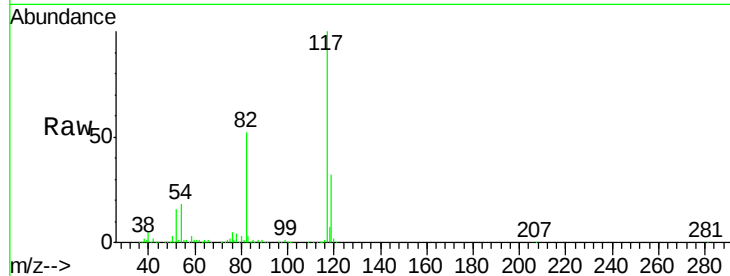




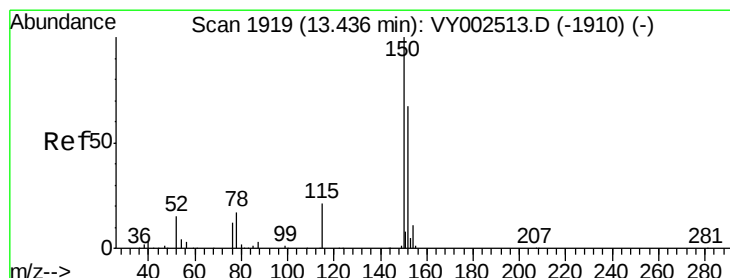
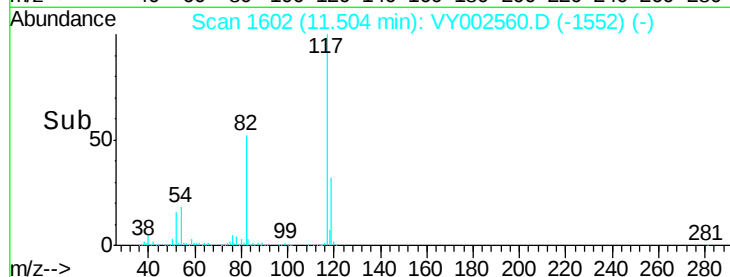
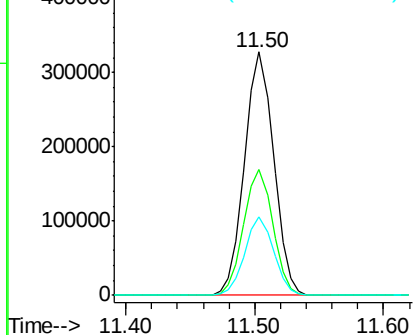
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002560.D
Acq: 04 May 2020 23:44

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tot Ion:117 Resp: 513884
Ion Ratio Lower Upper
117 100
82 51.5 41.3 61.9
119 32.3 26.0 39.0

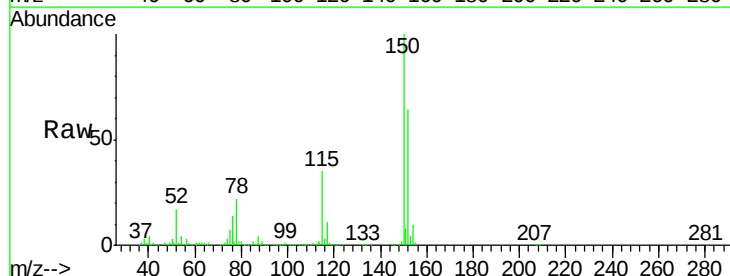


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002560.D
Acq: 04 May 2020 23:44

Tgt Ion:152 Resp: 251266
Ion Ratio Lower Upper
152 100
115 55.5 27.5 82.4
150 158.9 0.0 346.4



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

