

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002559.D
 Acq On : 04 May 2020 23:21
 Operator : SY/MD
 Sample : L2473-02
 Misc : 5.07G/5ML/MSVOA Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: May 05 08:59:17 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

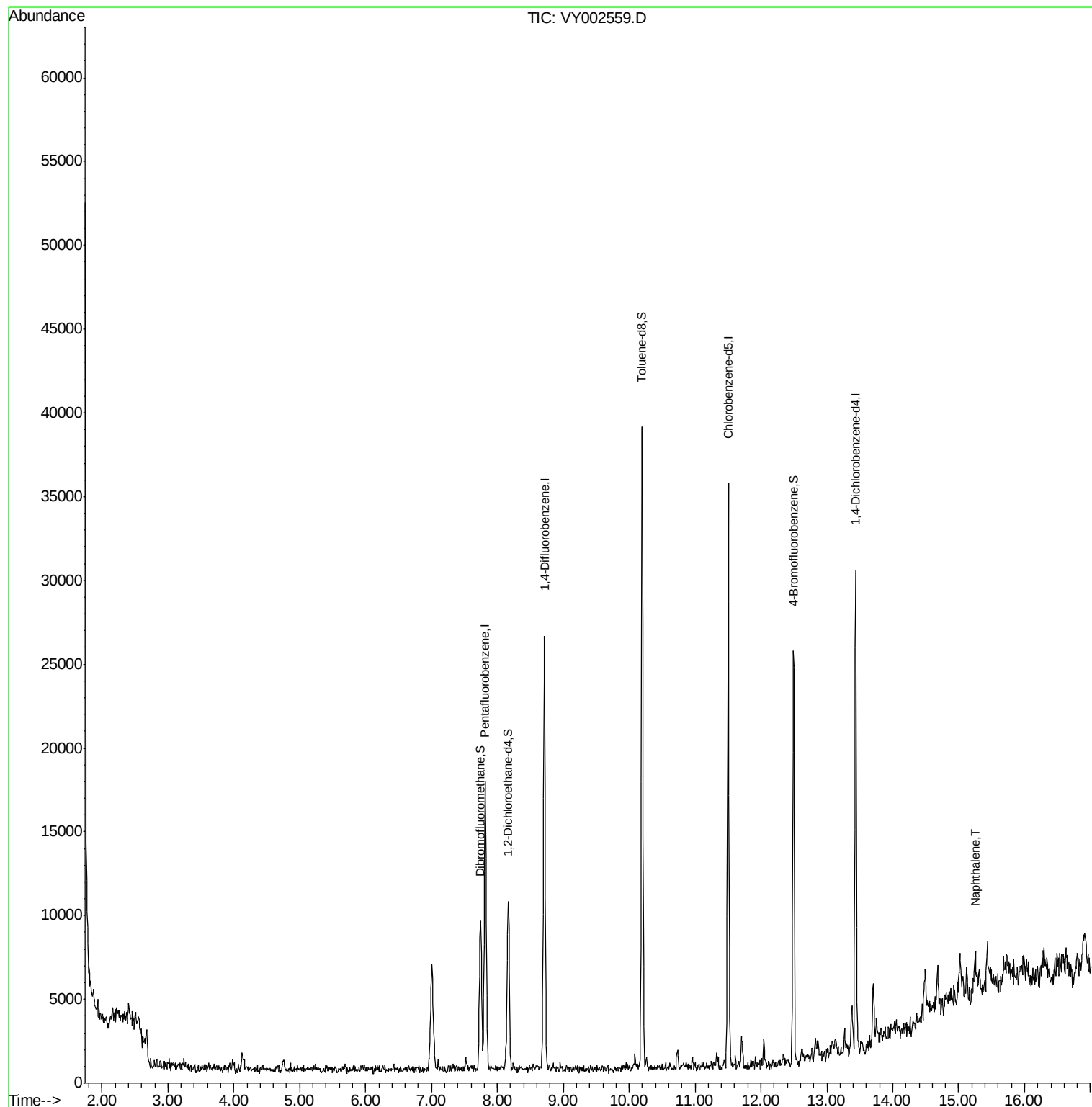
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	14651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	22801	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	19803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	7520	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	7615	61.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.64%	
35) Dibromofluoromethane	7.75	113	6225	47.74	ug/l	0.01
Spiked Amount 50.000			Recovery	=	95.48%	
50) Toluene-d8	10.19	98	26321	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.49	95	7780	45.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.04%	
Target Compounds						
95) Naphthalene	15.25	128	1763	6.473	ug/l #	Qvalue 90

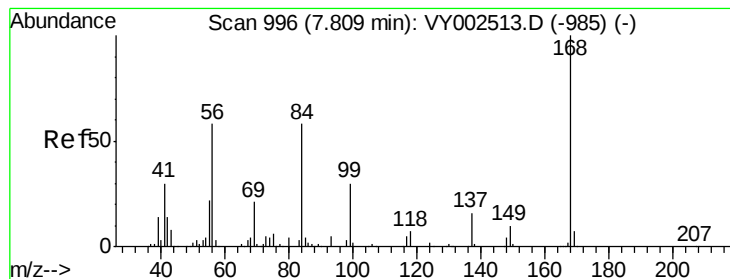
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002559.D

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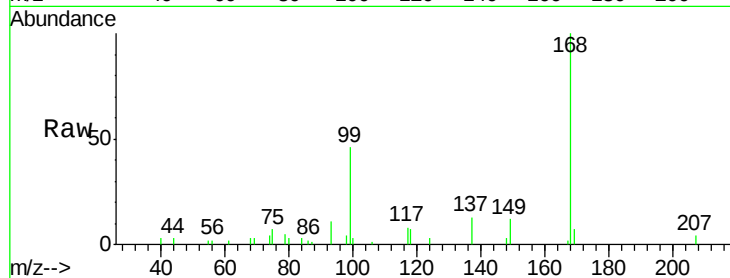
VOC

Tot Ion:168 Resp: 14651

Ion Ratio Lower Upper

168 100

99 46.0 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

6000

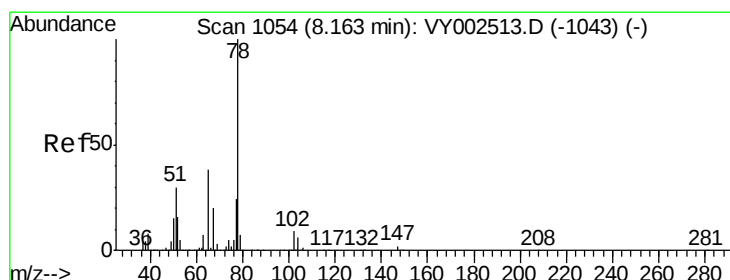
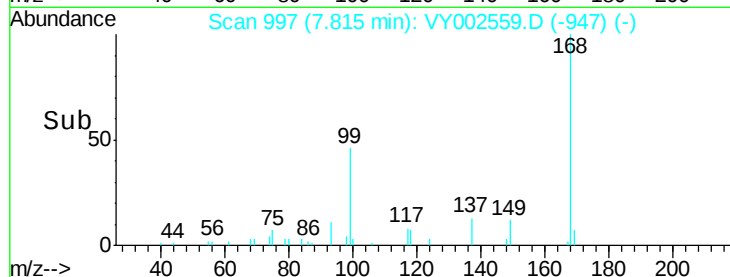
4000

2000

0

7.75 7.80 7.85 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 61.816 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002559.D

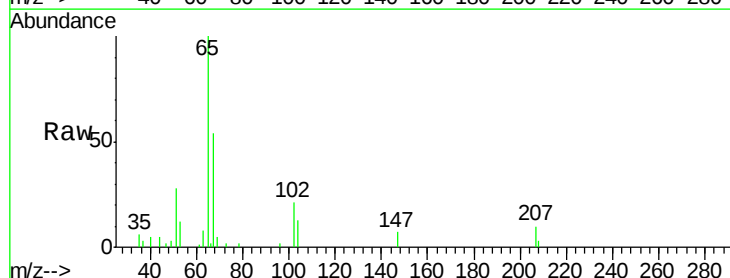
Acq: 04 May 2020 23:21

Tgt Ion: 65 Resp: 7615

Ion Ratio Lower Upper

65 100

67 52.0 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

4000

3000

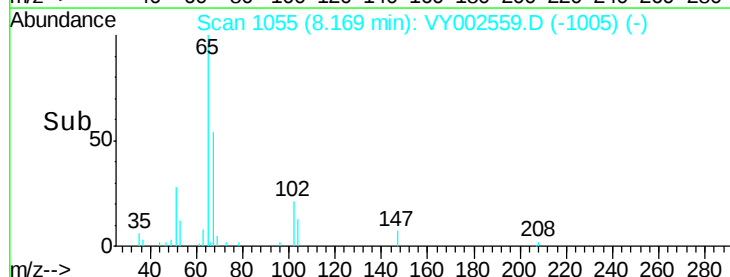
2000

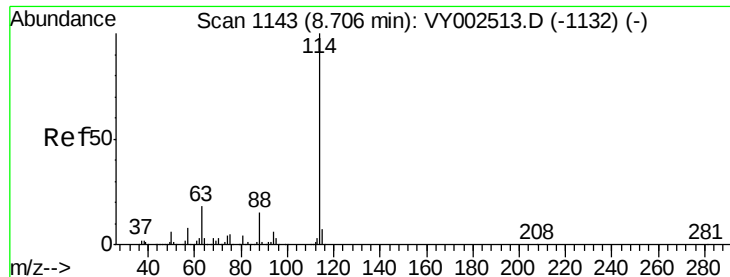
1000

0

8.10 8.15 8.20 8.25

Time-->

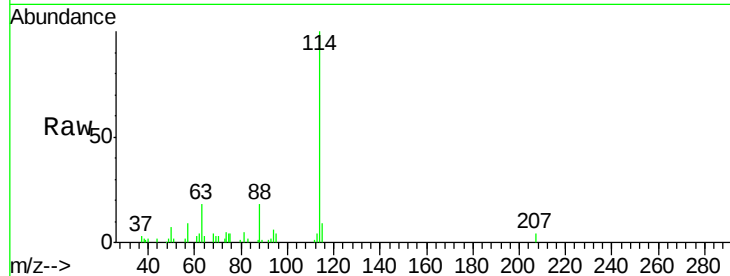




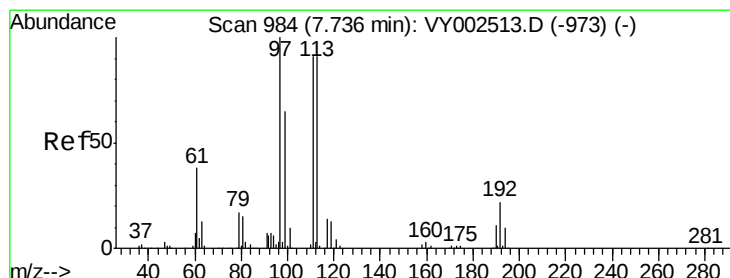
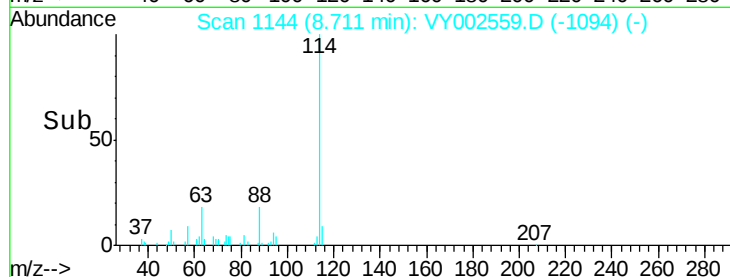
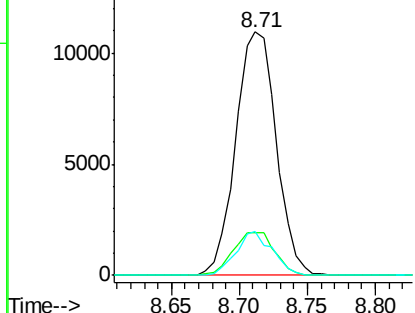
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002559.D
 Acq: 04 May 2020 23:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Tot Ion:114 Resp: 22801
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.4
 88 18.0 0.0 29.6

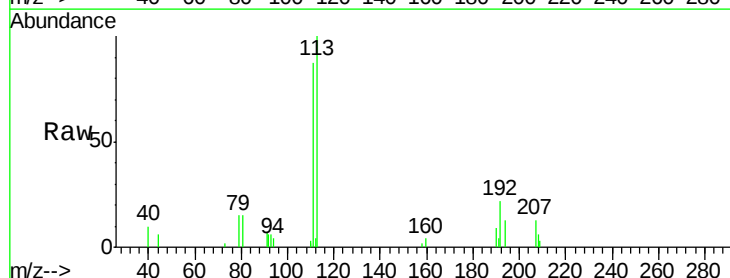


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

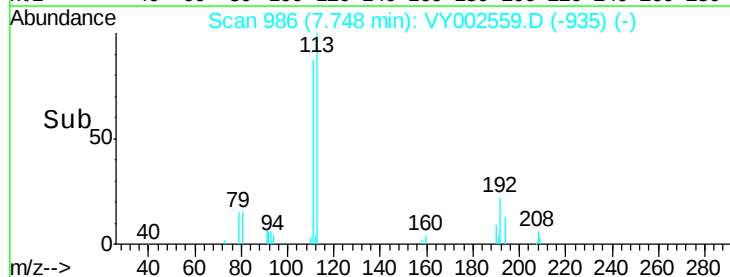
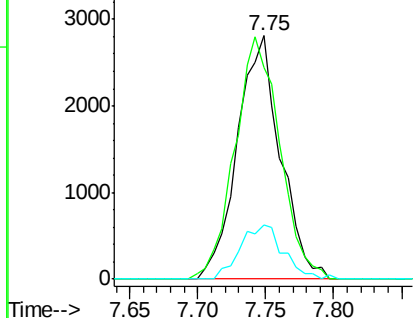


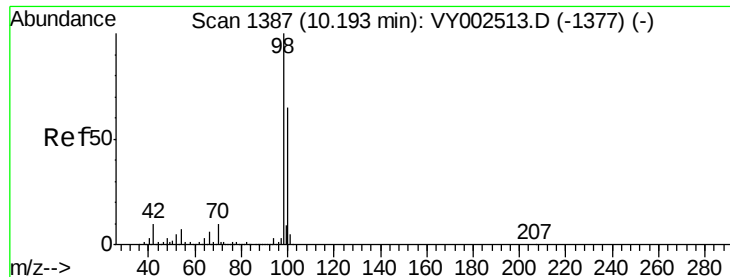
#35
 Dibromofluoromethane
 Concen: 47.738 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002559.D
 Acq: 04 May 2020 23:21

Tgt Ion:113 Resp: 6225
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.8 122.6
 192 22.4 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: 51.688 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VY002559.D

Acq: 04 May 2020 23:21

Instrument :

MSVOA_Y

ClientSampleId :

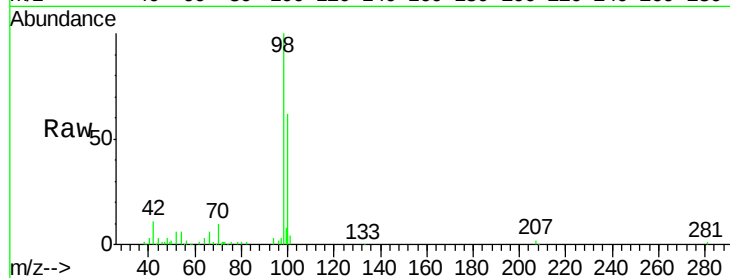
VOC

Tot Ion: 98 Resp: 26321

Ion Ratio Lower Upper

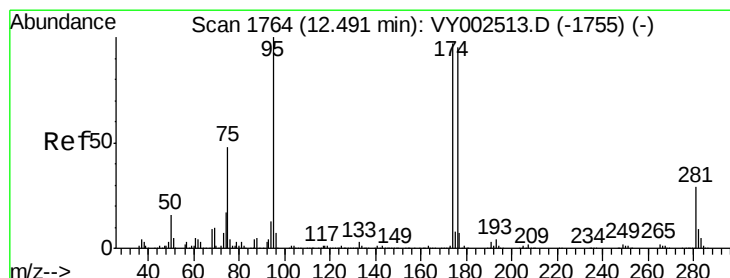
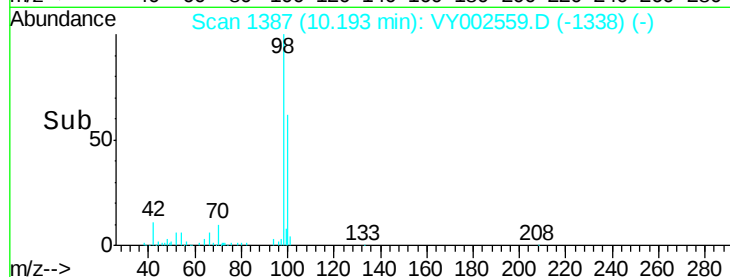
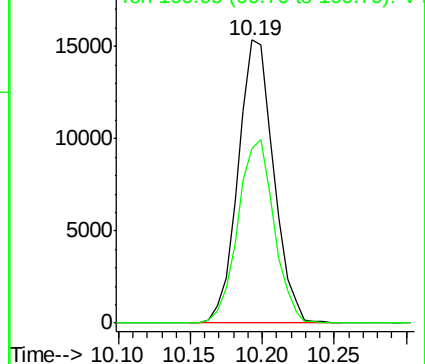
98 100

100 65.7 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: 45.025 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002559.D

Acq: 04 May 2020 23:21

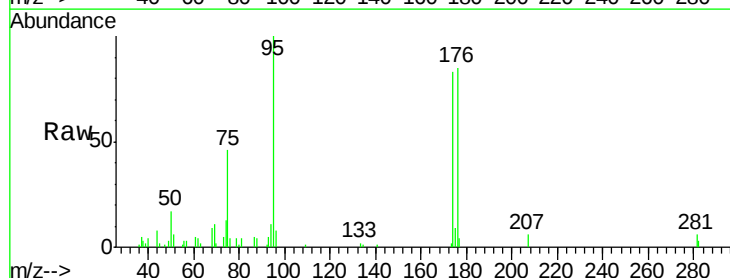
Tgt Ion: 95 Resp: 7780

Ion Ratio Lower Upper

95 100

174 89.7 0.0 188.8

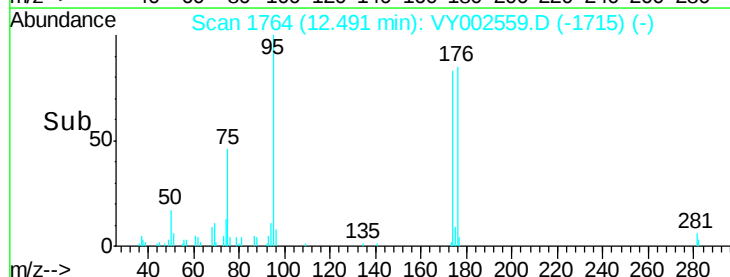
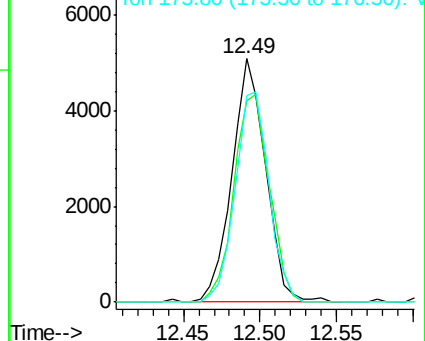
176 86.5 0.0 183.2

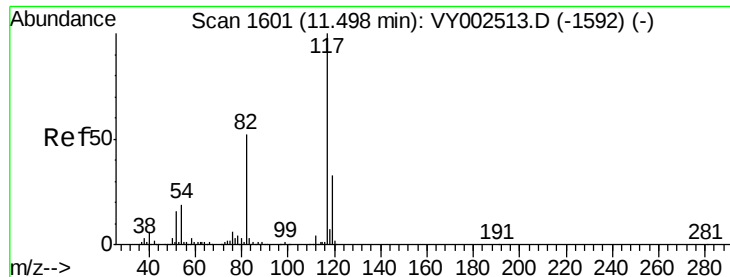


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

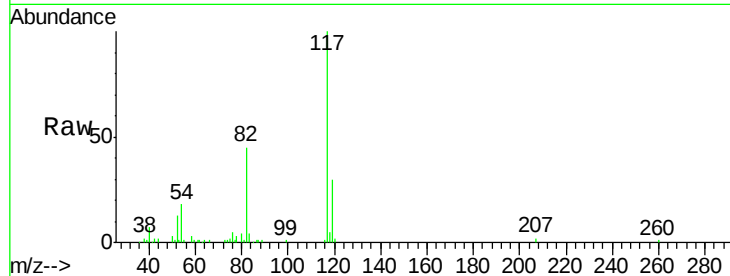




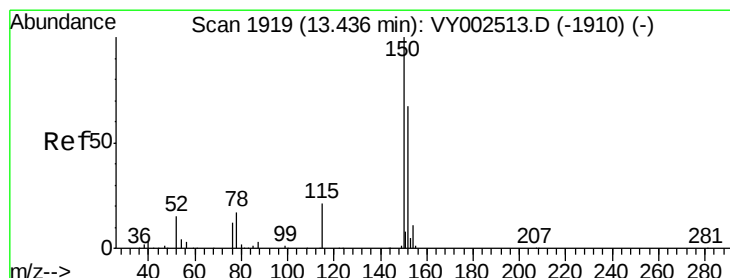
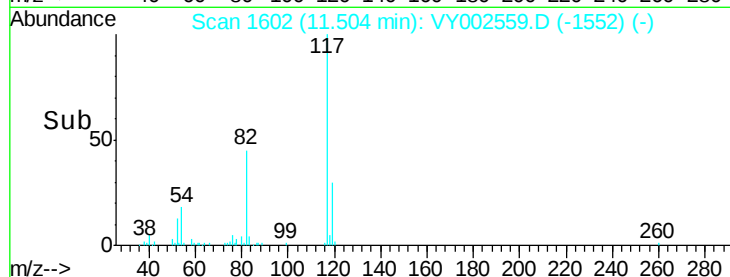
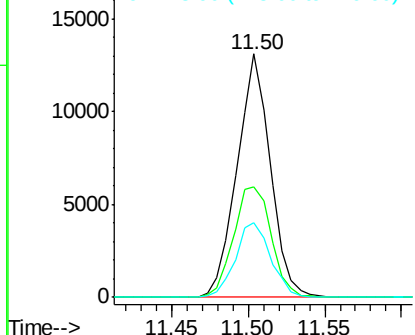
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002559.D
Acq: 04 May 2020 23:21

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tot Ion:117 Resp: 19803
Ion Ratio Lower Upper
117 100
82 45.4 41.3 61.9
119 30.5 26.0 39.0

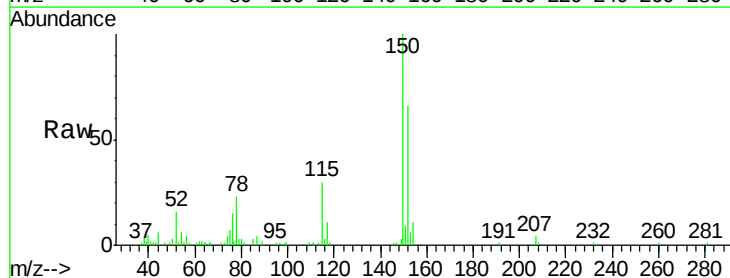


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

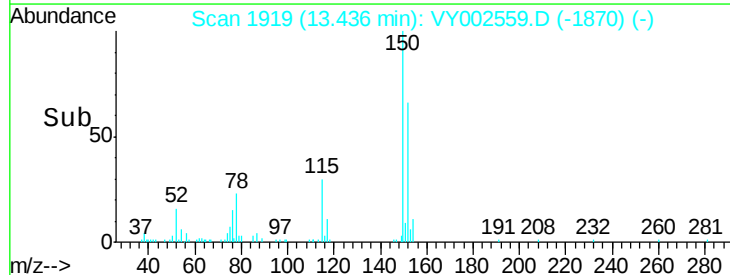
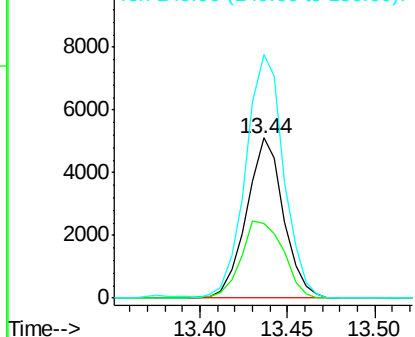


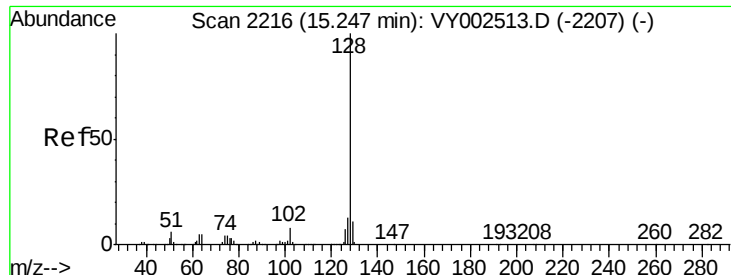
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002559.D
Acq: 04 May 2020 23:21

Tgt Ion:152 Resp: 7520
Ion Ratio Lower Upper
152 100
115 54.7 27.5 82.4
150 156.1 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





#95

Naphthalene

Concen: 6.473 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.00 min

Lab File: VY002559.D

Acq: 04 May 2020 23:21

Instrument :

MSVOA_Y

ClientSampleId :

VOC

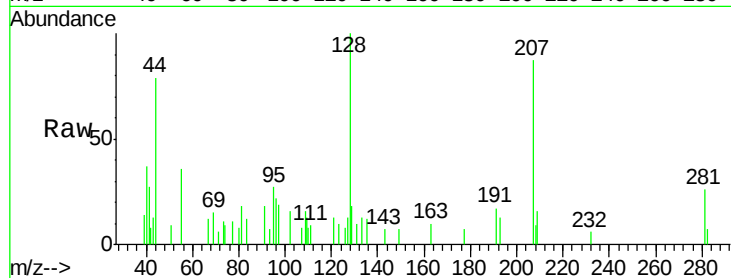
Tot Ion:128 Resp: 1763

Ion Ratio Lower Upper

128 100

127 8.7 10.5 15.7#

129 14.5 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

