

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011020\
 Data File : VY001163.D
 Acq On : 10 Jan 2020 21:24
 Operator : SY/MD
 Sample : L1046-02
 Misc : 6.48G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-104-0-2

Quant Time: Jan 11 03:32:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	86829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	143402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	113859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	47167	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	34827	37.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.96%	
35) Dibromofluoromethane	7.73	113	38719	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
50) Toluene-d8	10.18	98	165271	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.48	95	50183	37.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.88%	

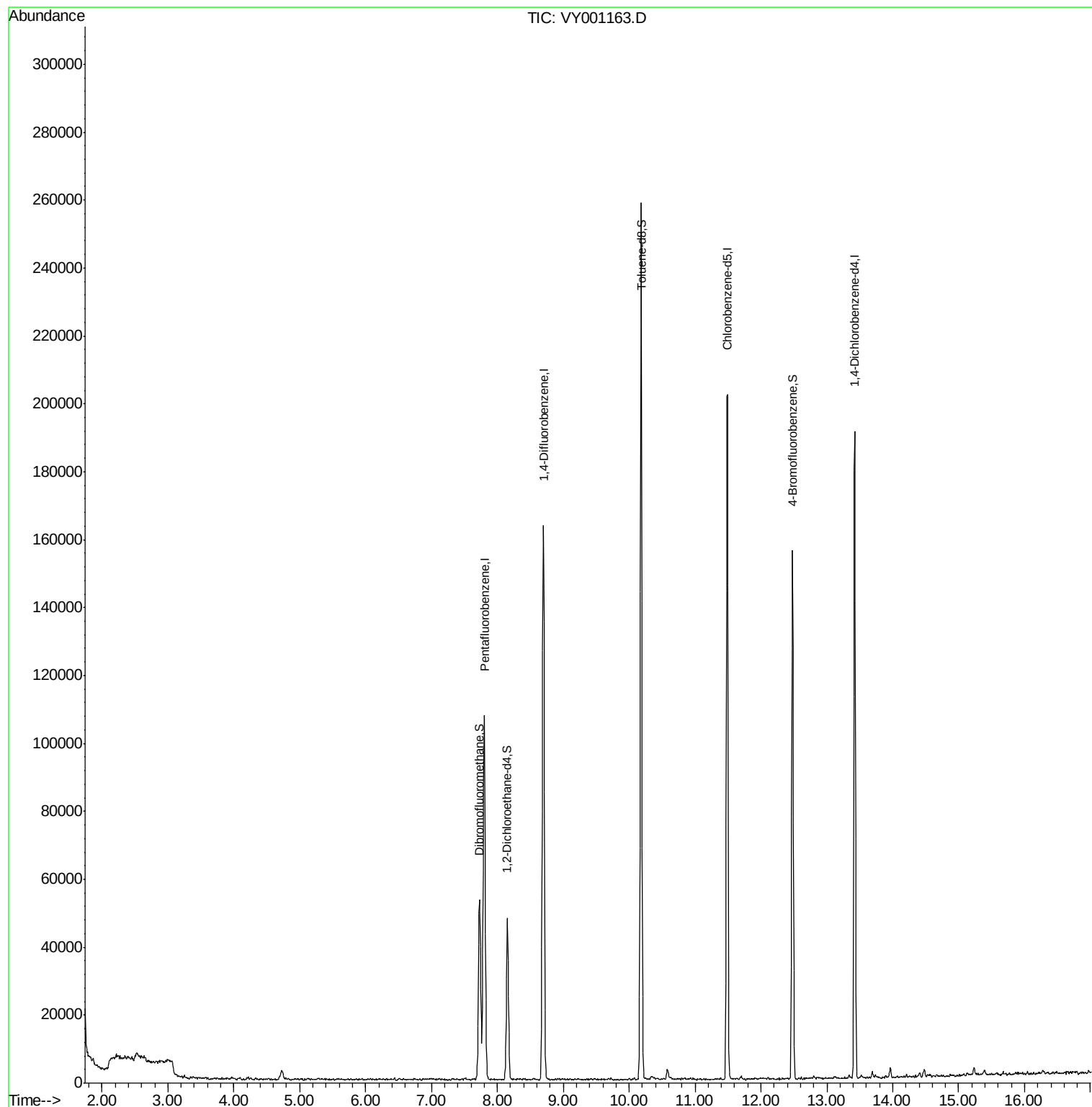
Target Compounds	Qvalue

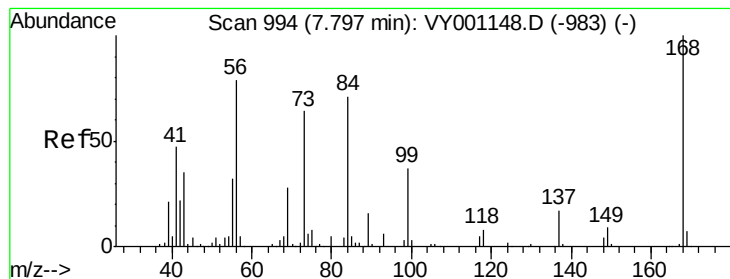
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001163.D

Acq: 10 Jan 2020 21:24

Instrument :

MSVOA_Y

ClientSampleId :

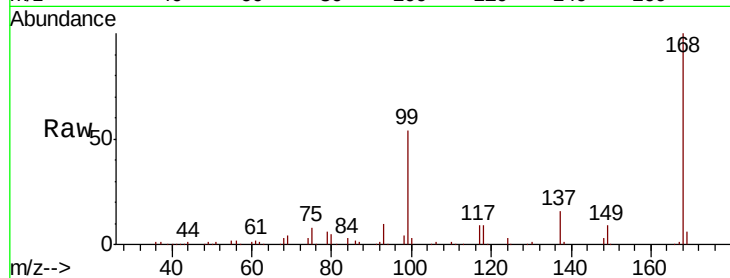
CIY1-SB-104-0-2

Tot Ion:168 Resp: 86829

Ion Ratio Lower Upper

168 100

99 53.7 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.80

40000

30000

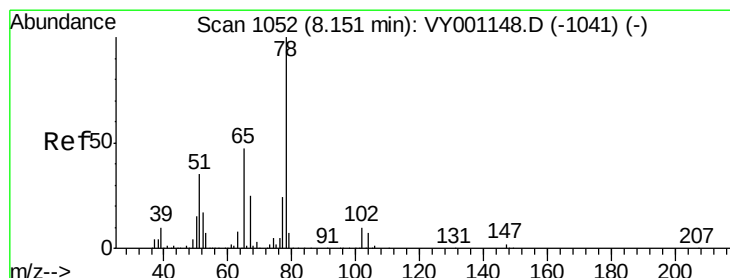
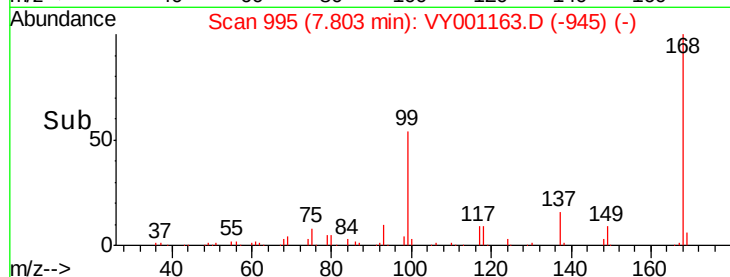
20000

10000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 37.977 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001163.D

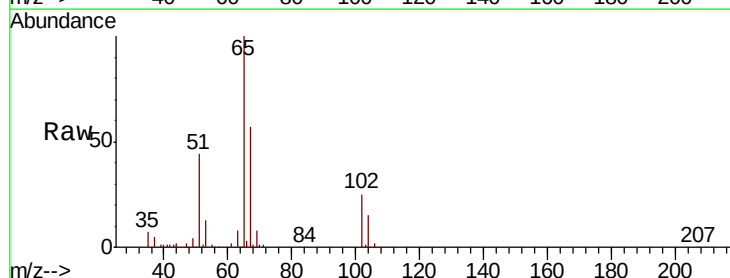
Acq: 10 Jan 2020 21:24

Tgt Ion: 65 Resp: 34827

Ion Ratio Lower Upper

65 100

67 55.5 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY001148.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY001148.D (-1041) (-)

8.15

15000

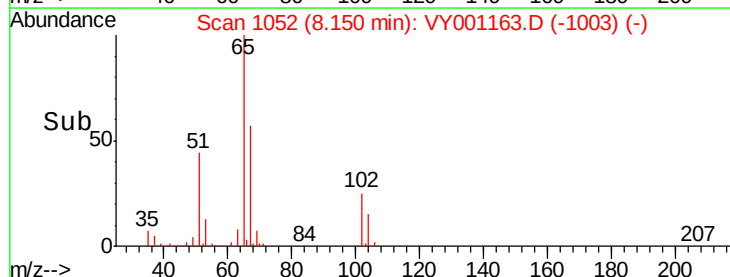
10000

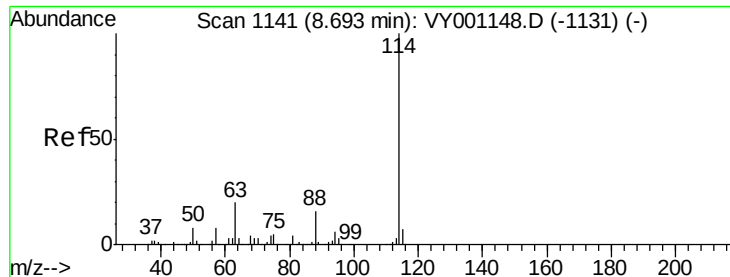
5000

0

Time-->

8.10 8.20

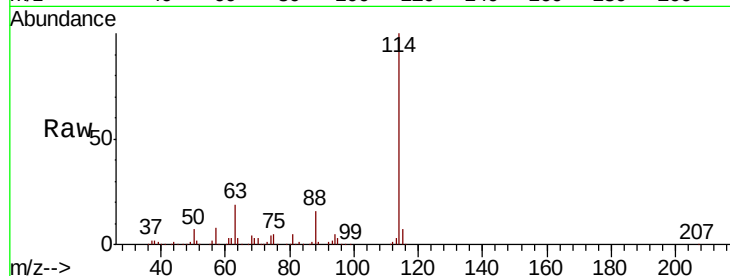




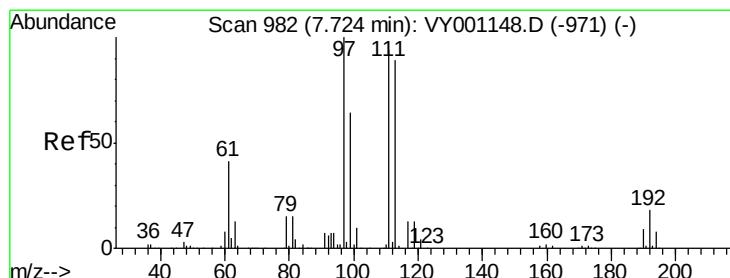
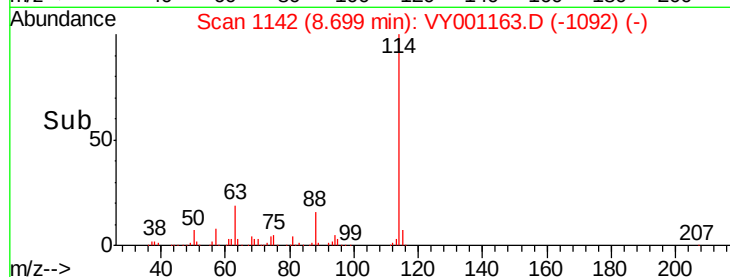
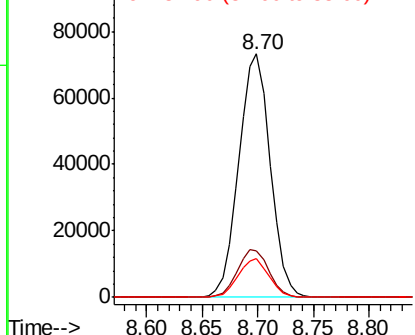
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. 0.01 min
Lab File: VY001163.D
Acq: 10 Jan 2020 21:24

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-104-0-2

Tot Ion:114 Resp: 143402
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.8
88 16.1 0.0 32.4

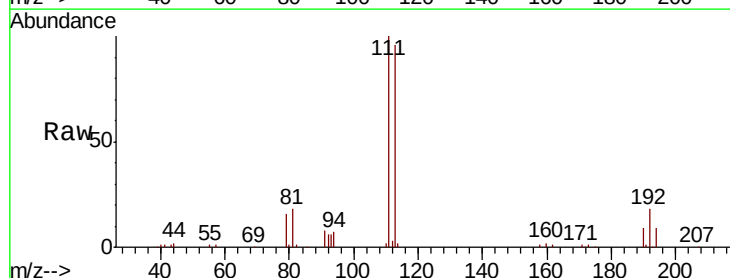


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

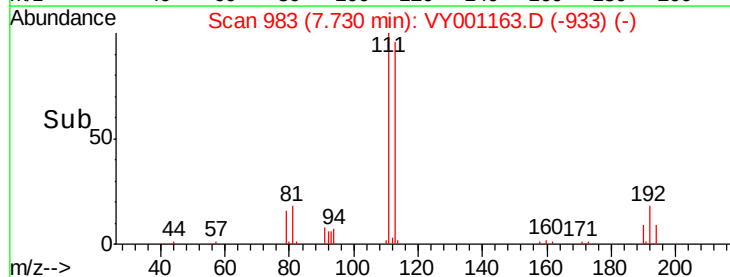
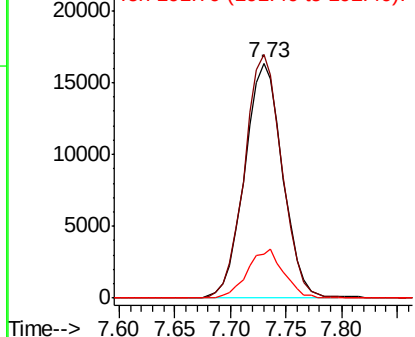


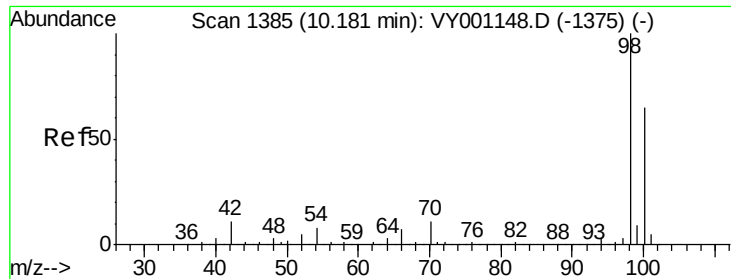
#35
Dibromofluoromethane
Concen: 46.115 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001163.D
Acq: 10 Jan 2020 21:24

Tgt Ion:113 Resp: 38719
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 19.8 15.4 23.2



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: 51.086 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001163.D

Acq: 10 Jan 2020 21:24

Instrument :

MSVOA_Y

ClientSampleId :

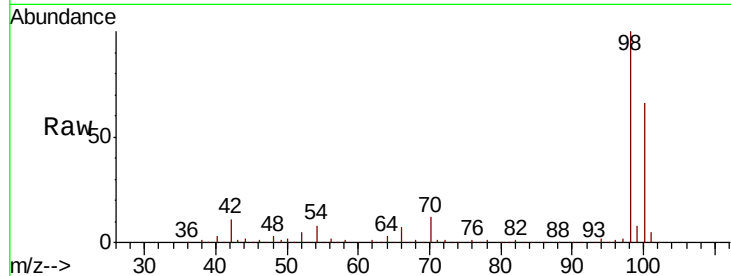
CIY1-SB-104-0-2

Tot Ion: 98 Resp: 165271

Ion Ratio Lower Upper

98 100

100 66.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

100000

80000

60000

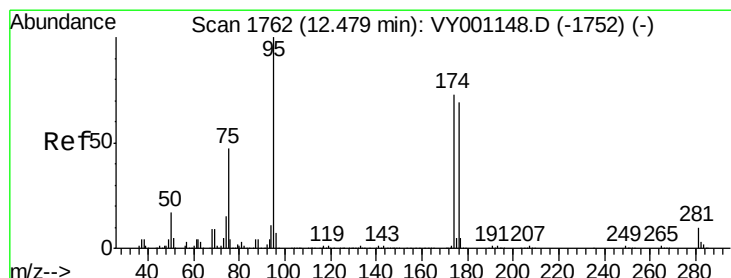
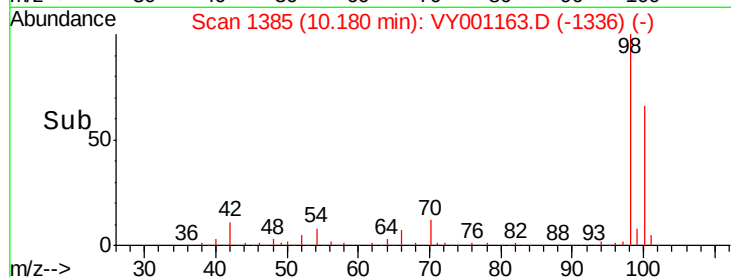
40000

20000

0

Time-->

10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 37.942 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY001163.D

Acq: 10 Jan 2020 21:24

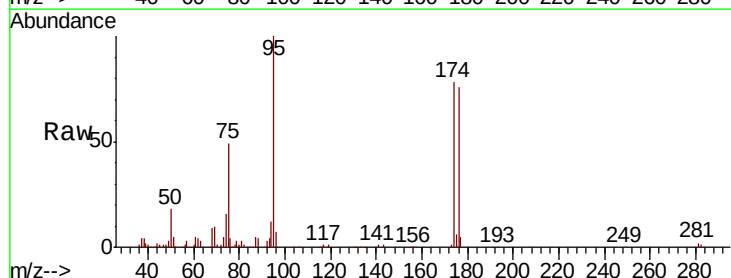
Tgt Ion: 95 Resp: 50183

Ion Ratio Lower Upper

95 100

174 76.3 0.0 143.2

176 74.1 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

40000

30000

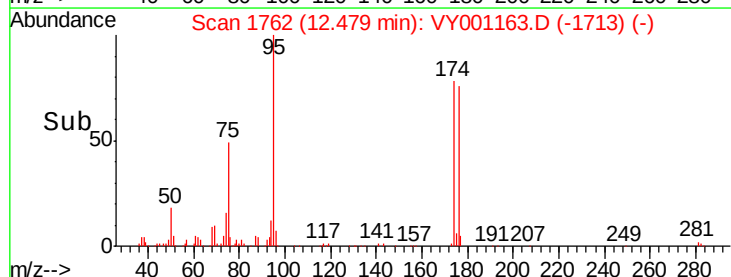
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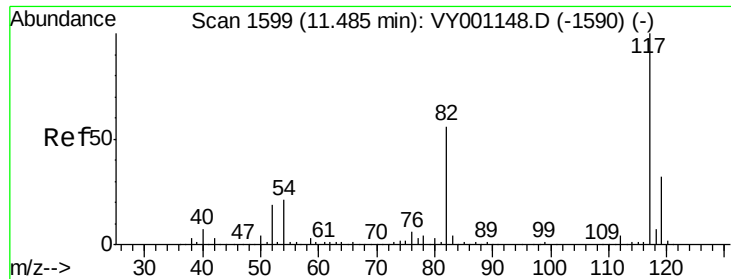
10000

0

Time-->

12.40 12.45 12.50 12.55

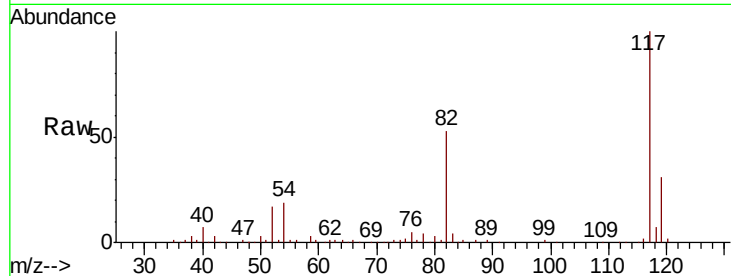




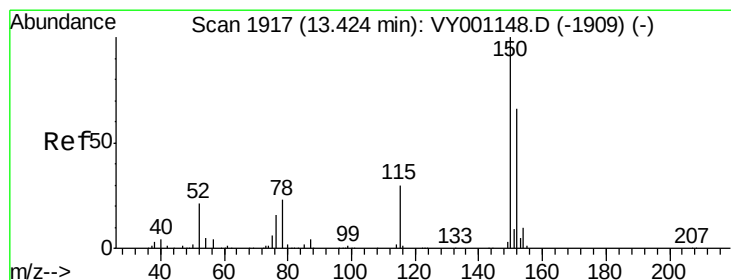
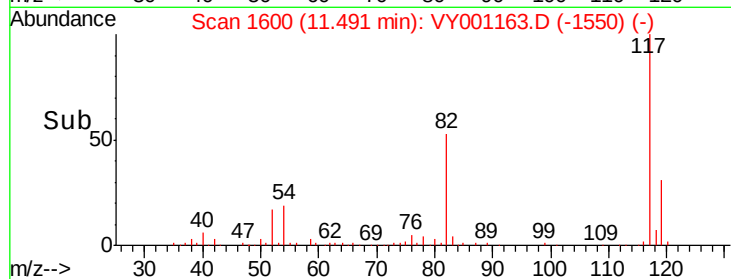
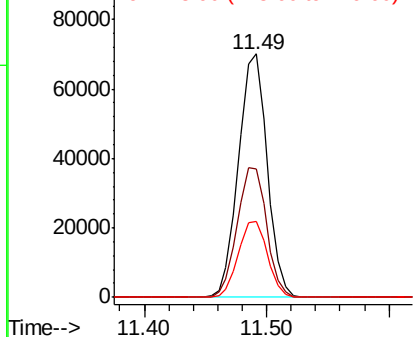
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001163.D
Acq: 10 Jan 2020 21:24

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-104-0-2

Tot Ion:117 Resp: 113859
Ion Ratio Lower Upper
117 100
82 52.5 44.9 67.3
119 31.2 25.7 38.5

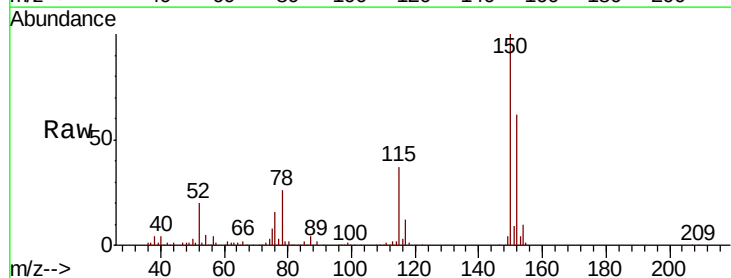


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001163.D
Acq: 10 Jan 2020 21:24

Tgt Ion:152 Resp: 47167
Ion Ratio Lower Upper
152 100
115 60.0 30.9 92.5
150 158.4 0.0 346.8



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

