

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002176.D
 Acq On : 01 Apr 2020 20:10
 Operator : SY/MD
 Sample : L2129-36
 Misc : 6.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6

Quant Time: Apr 02 08:22:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	114131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	216877	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	166769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	43796	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	70709	56.04	ug/l	0.00
Spiked Amount			Recovery	=	112.08%	
35) Dibromofluoromethane	7.74	113	65587	53.97	ug/l	0.00
Spiked Amount			Recovery	=	107.94%	
50) Toluene-d8	10.19	98	258535	51.21	ug/l	0.00
Spiked Amount			Recovery	=	102.42%	
62) 4-Bromofluorobenzene	12.49	95	58822	33.32	ug/l	0.00
Spiked Amount			Recovery	=	66.64%	

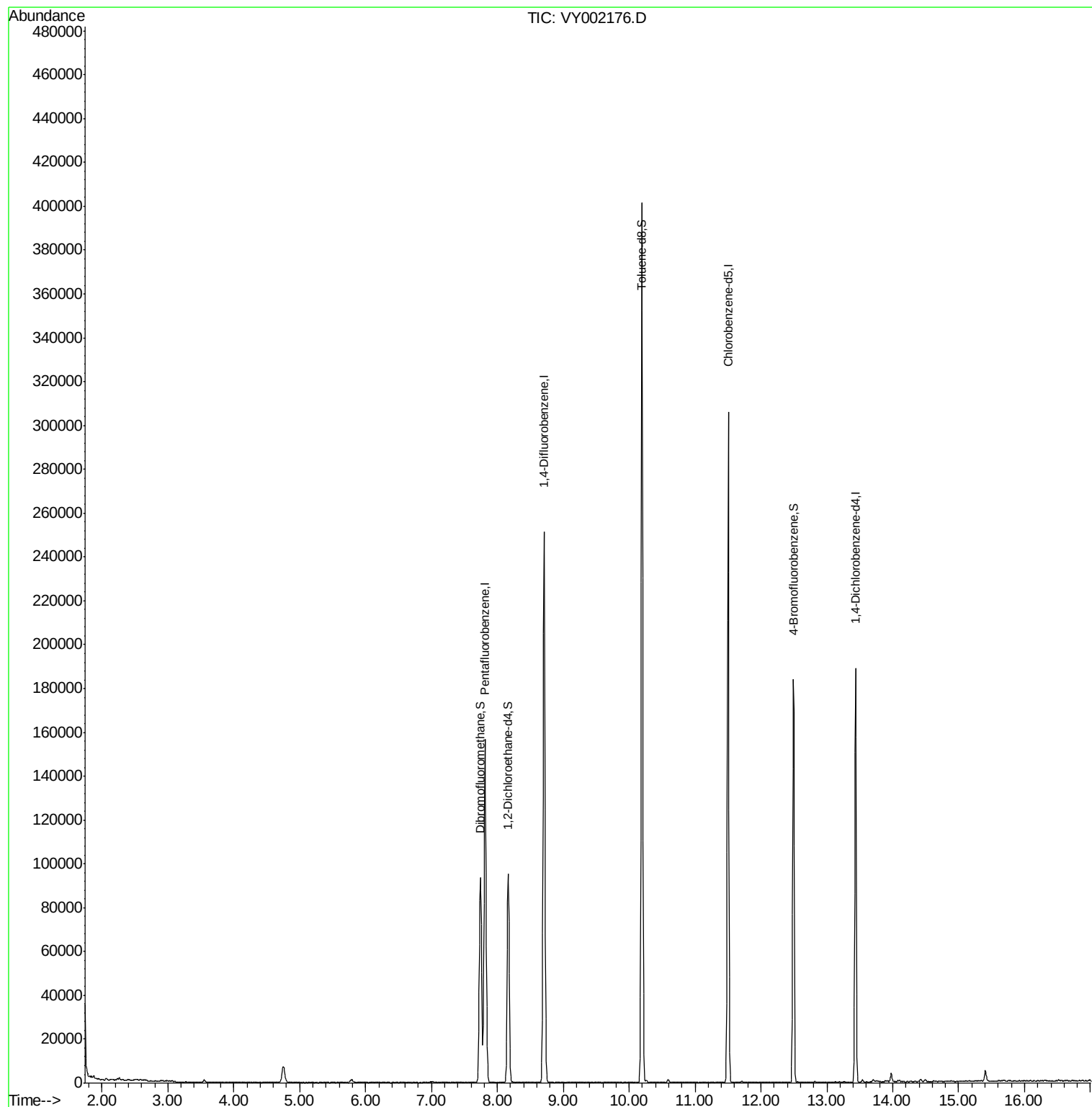
Target Compounds	Qvalue
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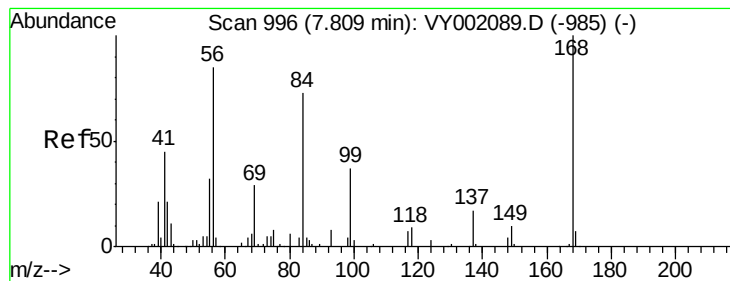
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002176.D

Acq: 01 Apr 2020 20:10

Instrument :

MSVOA_Y

ClientSampled :

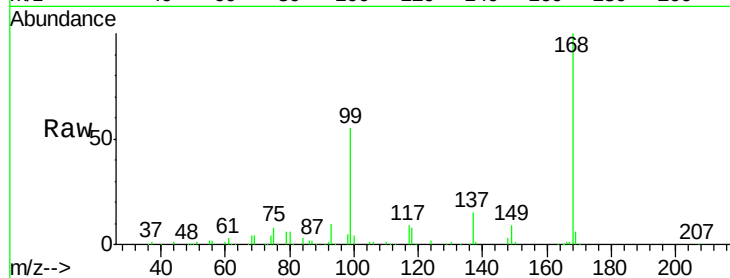
TP-6

Tot Ion:168 Resp: 114131

Ion Ratio Lower Upper

168 100

99 55.4 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002176.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002176.D (-947) (-)

7.82

60000

50000

40000

30000

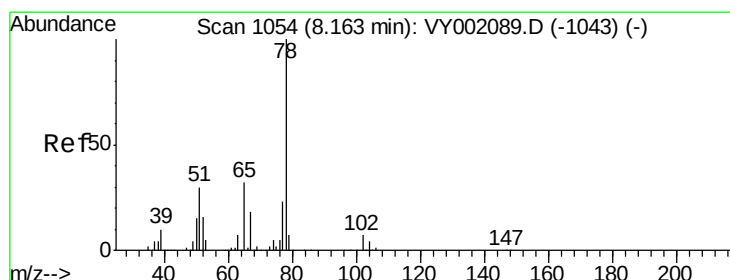
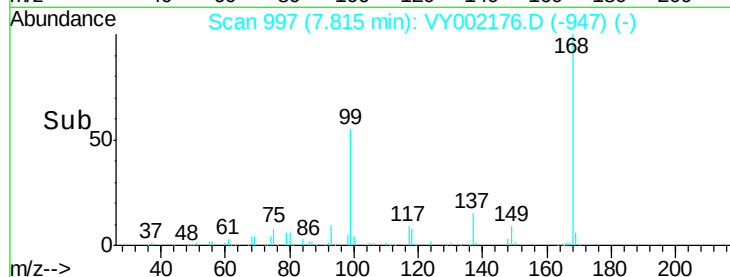
20000

10000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 56.043 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY002176.D

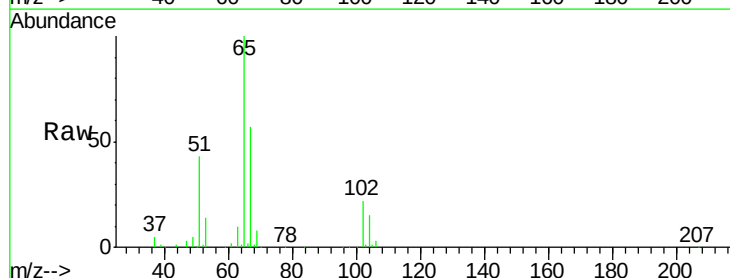
Acq: 01 Apr 2020 20:10

Tgt Ion: 65 Resp: 70709

Ion Ratio Lower Upper

65 100

67 55.4 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002176.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY002176.D (-1005) (-)

8.16

30000

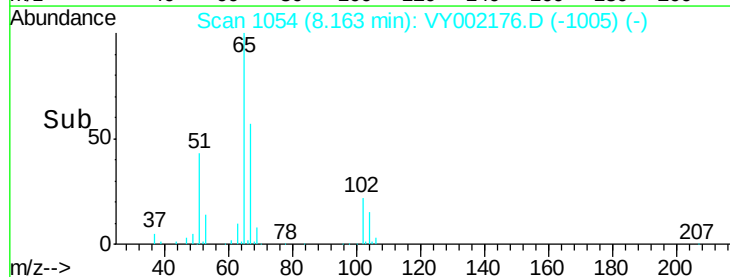
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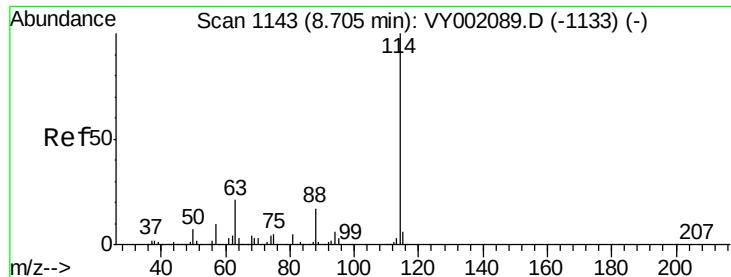
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Time-->

8.10 8.20

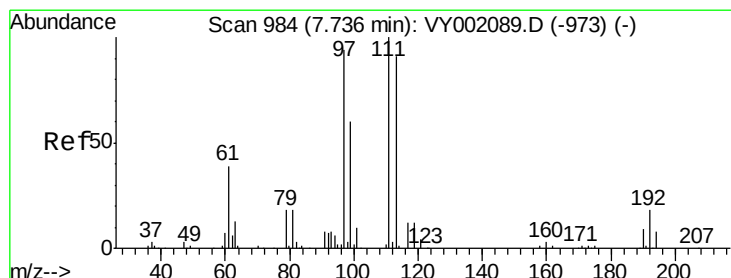
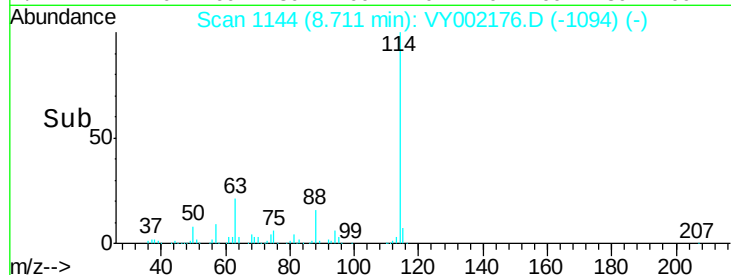
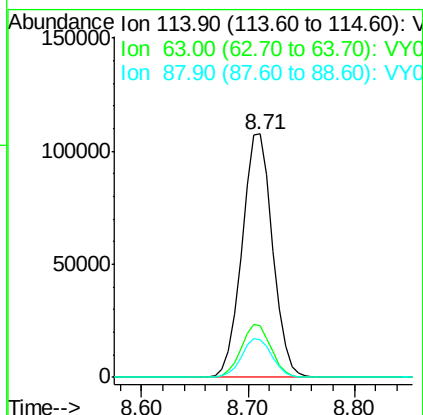
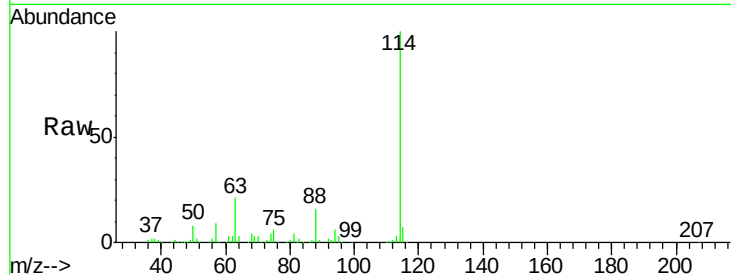




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002176.D
 Acq: 01 Apr 2020 20:10

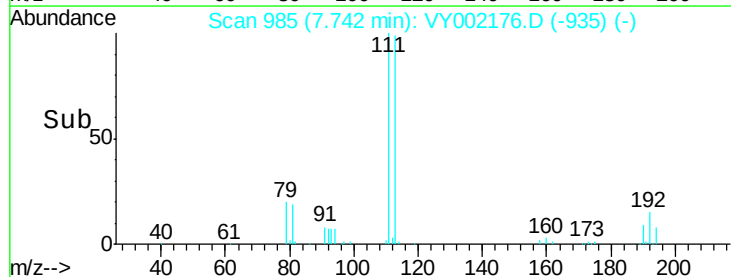
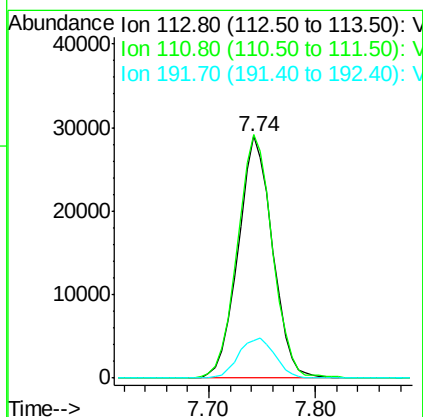
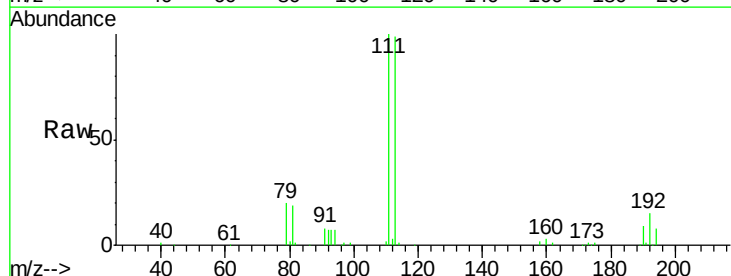
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6

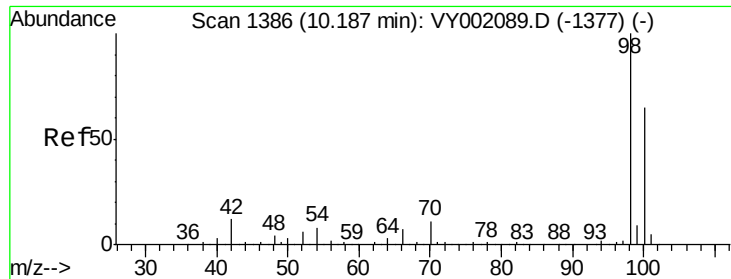
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.4
88	15.5	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 53.972 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002176.D
 Acq: 01 Apr 2020 20:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	84.4	126.6
192	17.7	14.6	21.8





#50

Toluene-d8

Concen: 51.213 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002176.D

Acq: 01 Apr 2020 20:10

Instrument :

MSVOA_Y

ClientSampleId :

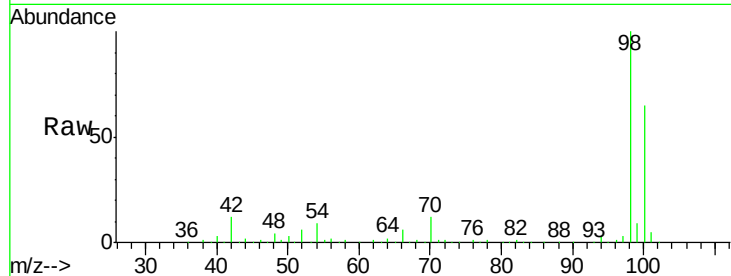
TP-6

Tot Ion: 98 Resp: 258535

Ion Ratio Lower Upper

98 100

100 65.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY002089.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY002089.D (-1377) (-)

10.19

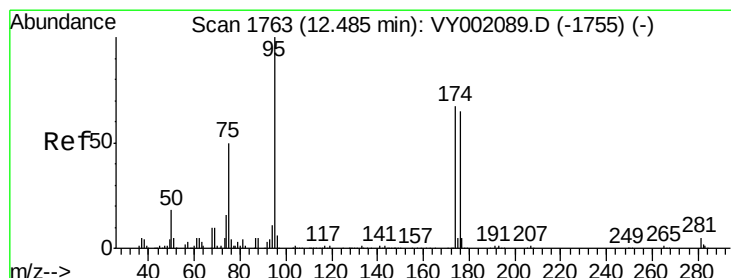
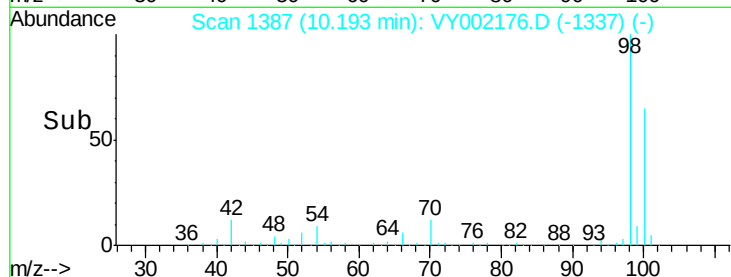
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 33.317 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002176.D

Acq: 01 Apr 2020 20:10

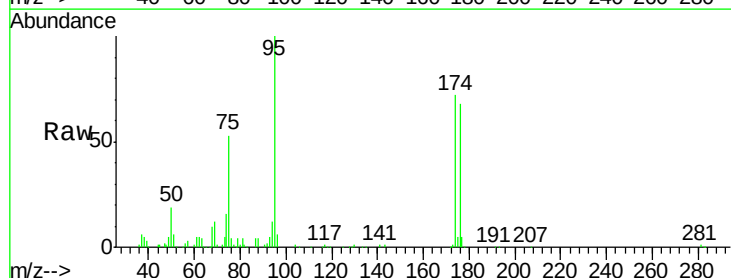
Tgt Ion: 95 Resp: 58822

Ion Ratio Lower Upper

95 100

174 73.5 0.0 143.4

176 71.2 0.0 137.0



Abundance Ion 94.90 (94.60 to 95.60): VY002089.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002089.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002089.D (-1755) (-)

12.49

50000

40000

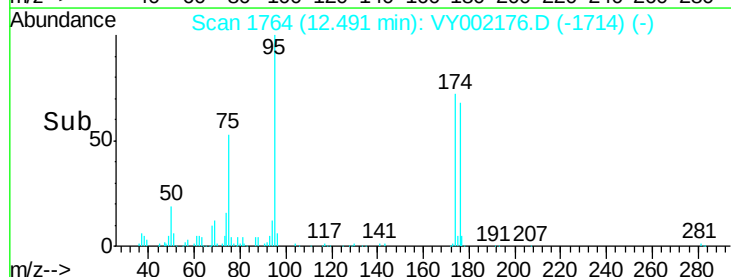
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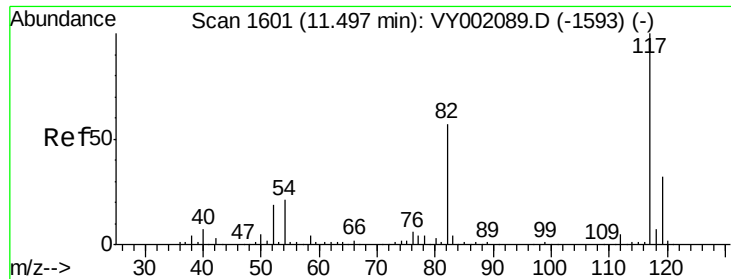
20000

10000

0

Time-->

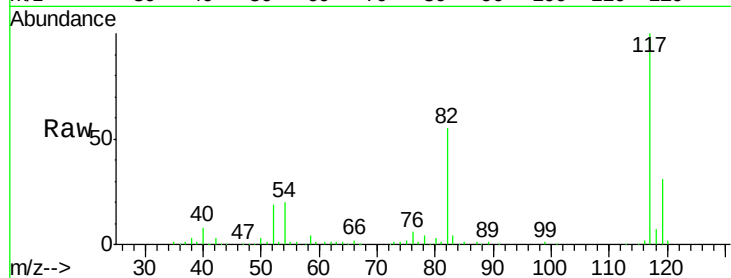




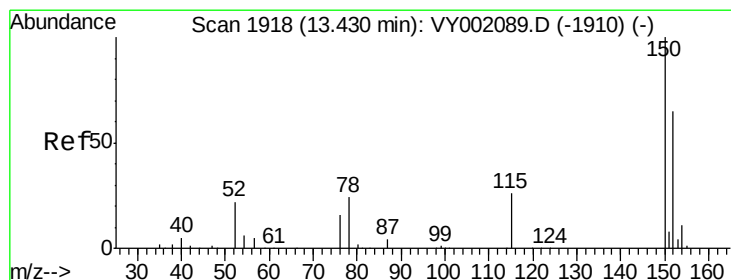
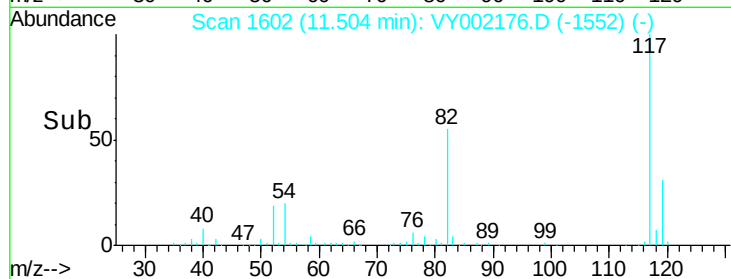
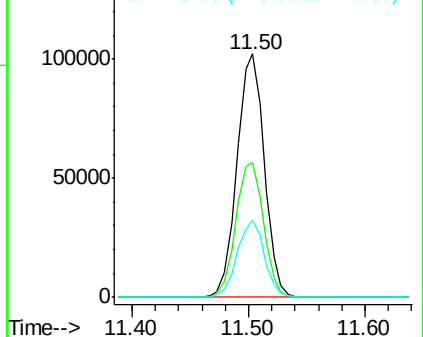
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002176.D
Acq: 01 Apr 2020 20:10

Instrument :
MSVOA_Y
ClientSampleId :
TP-6

Tot Ion:117 Resp: 166769
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.2
119 31.5 25.3 37.9

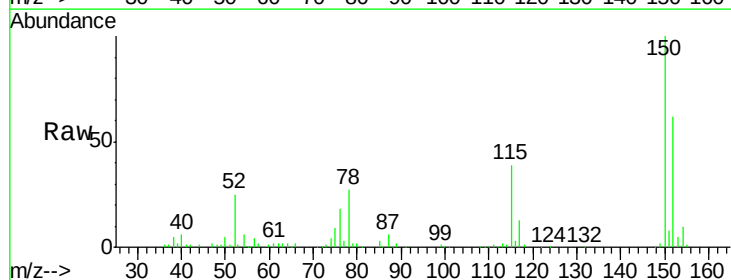


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002176.D
Acq: 01 Apr 2020 20:10

Tgt Ion:152 Resp: 43796
Ion Ratio Lower Upper
152 100
115 62.9 31.2 93.6
150 160.0 0.0 354.8



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

