

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030520\
 Data File : VY001889.D
 Acq On : 05 Mar 2020 17:57
 Operator : SY/MD
 Sample : L1813-02
 Misc : 7.82G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 50-FAIRVIEW-AVE-SECAUCUS

Quant Time: Mar 06 05:46:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	137956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	261217	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	232590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	101450	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	83685	56.82	ug/l	0.00
Spiked Amount			Recovery	=	113.64%	
35) Dibromofluoromethane	7.74	113	74914	52.52	ug/l	0.00
Spiked Amount			Recovery	=	105.04%	
50) Toluene-d8	10.19	98	314423	52.28	ug/l	0.00
Spiked Amount			Recovery	=	104.56%	
62) 4-Bromofluorobenzene	12.49	95	103018	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	

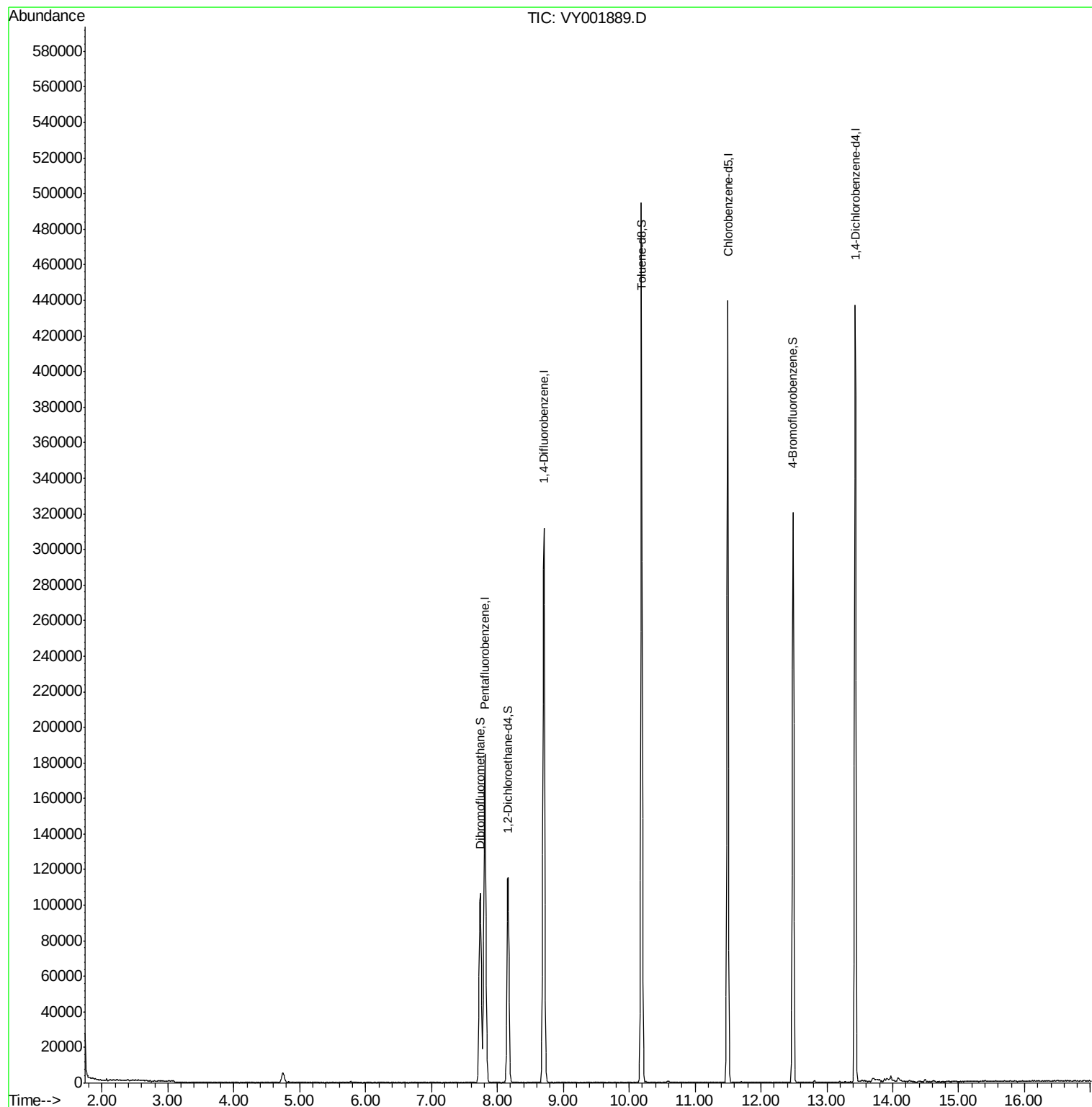
Target Compounds	Qvalue
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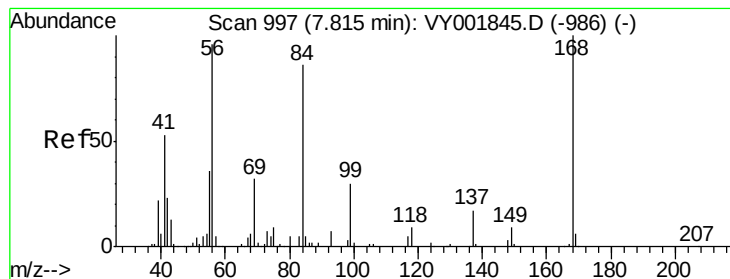
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001889.D

Acq: 05 Mar 2020 17:57

Instrument :

MSVOA_Y

ClientSampleId :

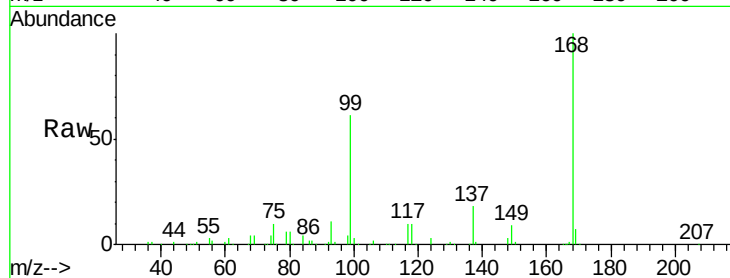
50-FAIRVIEW-AVE-SECAUCUS

Tot Ion:168 Resp: 137956

Ion Ratio Lower Upper

168 100

99 60.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.81

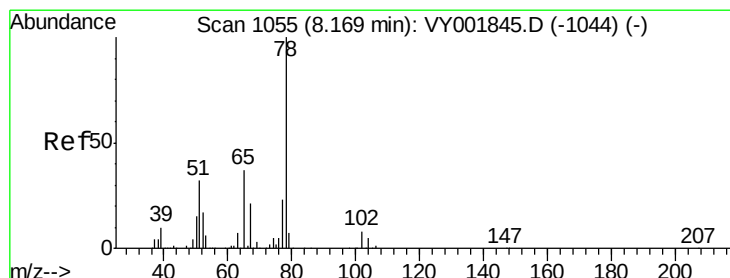
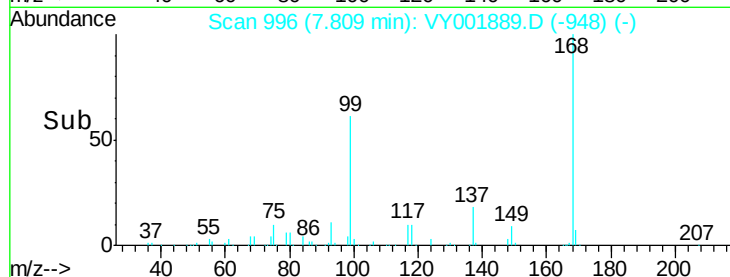
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 56.821 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001889.D

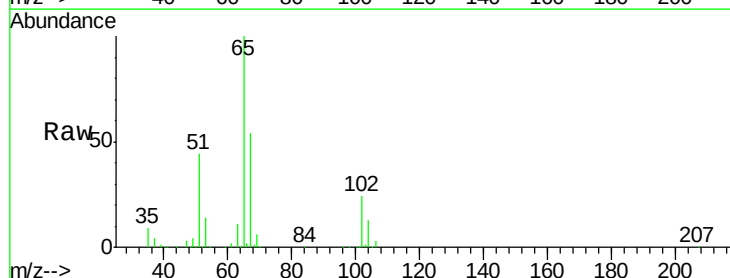
Acq: 05 Mar 2020 17:57

Tgt Ion: 65 Resp: 83685

Ion Ratio Lower Upper

65 100

67 56.0 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.16

40000

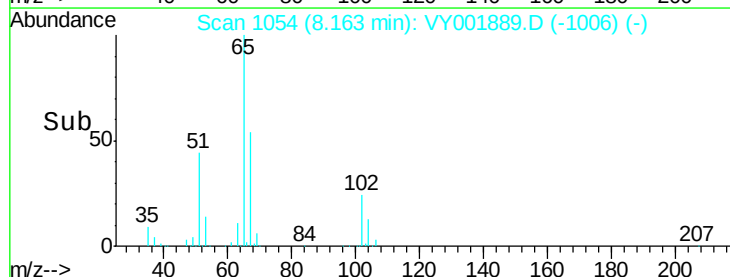
30000

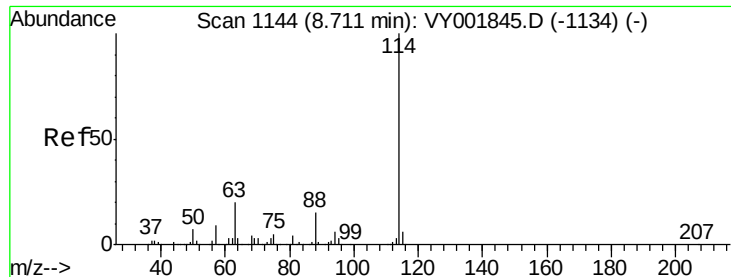
20000

10000

0

Time--> 8.05 8.10 8.15 8.20 8.25

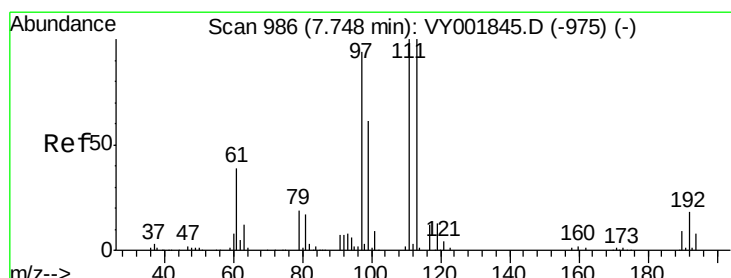
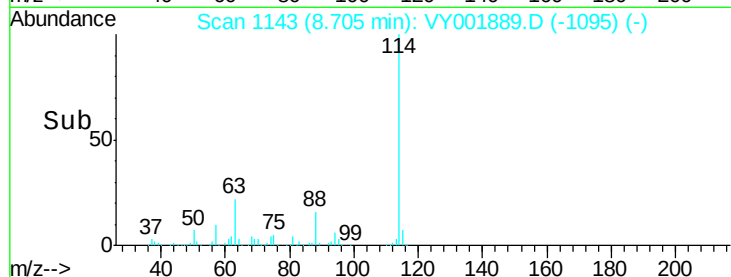
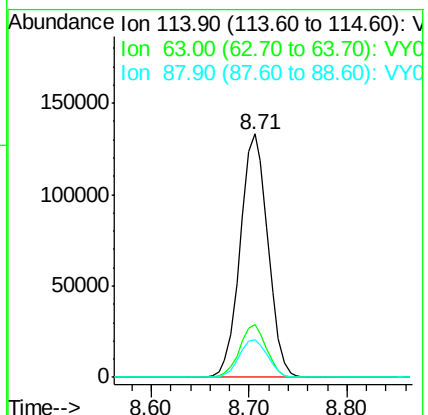
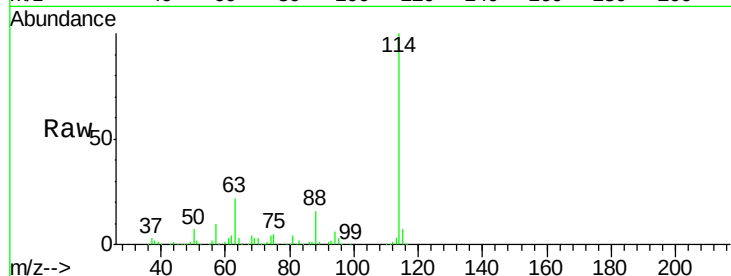




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VY001889.D
Acq: 05 Mar 2020 17:57

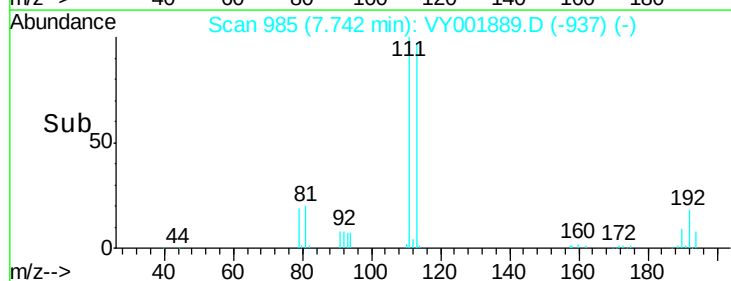
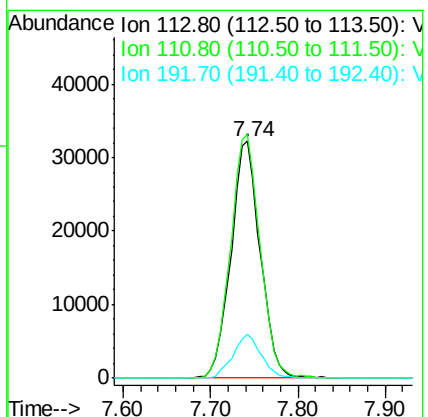
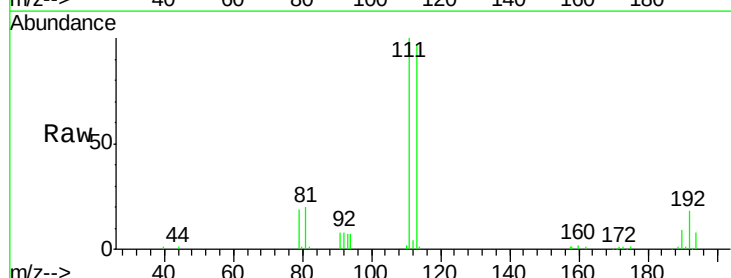
Instrument :
MSVOA_Y
ClientSampleId :
50-FAIRVIEW-AVE-SECAUCUS

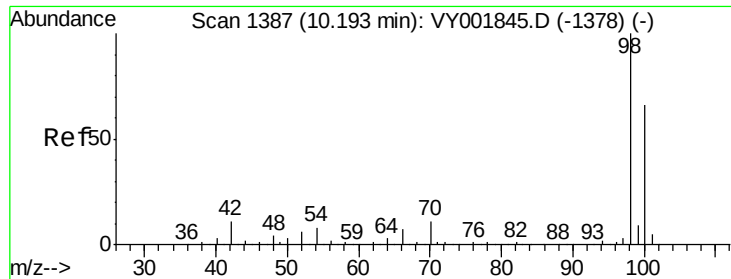
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	39.4
88	15.5	0.0	30.4



#35
Dibromofluoromethane
Concen: 52.521 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001889.D
Acq: 05 Mar 2020 17:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.8	122.8
192	17.7	14.2	21.2





#50

Toluene-d8

Concen: 52.275 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001889.D

Acq: 05 Mar 2020 17:57

Instrument :

MSVOA_Y

ClientSampleId :

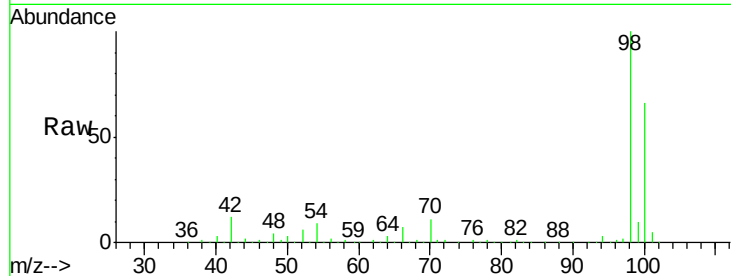
50-FAIRVIEW-AVE-SECAUCUS

Tot Ion: 98 Resp: 314423

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.19

200000

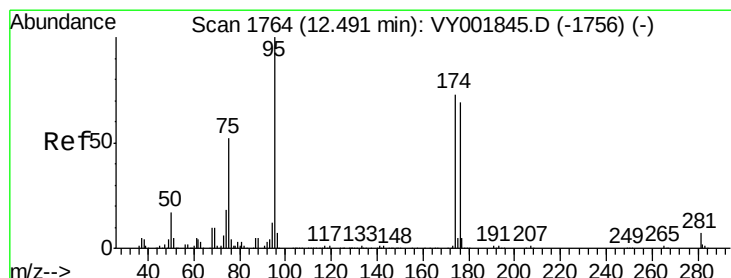
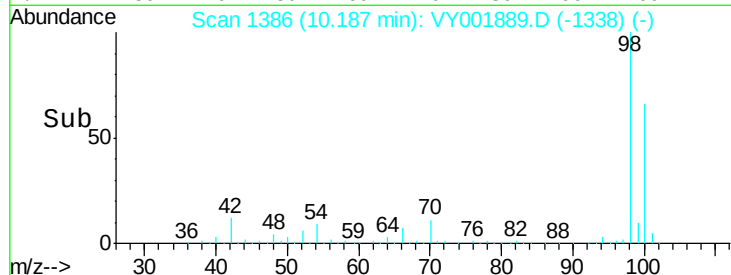
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.258 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001889.D

Acq: 05 Mar 2020 17:57

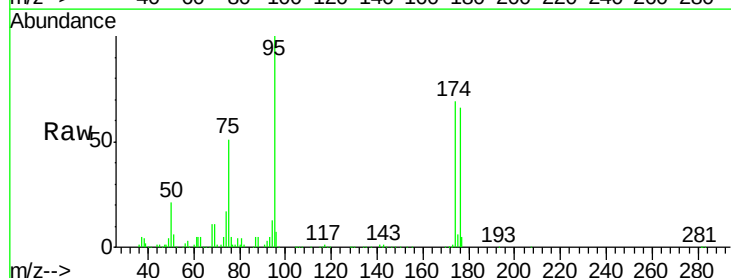
Tgt Ion: 95 Resp: 103018

Ion Ratio Lower Upper

95 100

174 73.4 0.0 145.0

176 70.8 0.0 137.4



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

12.49

80000

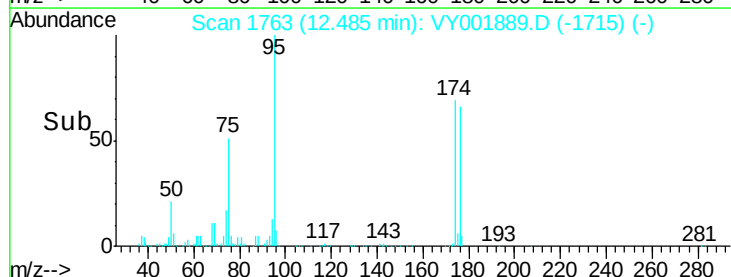
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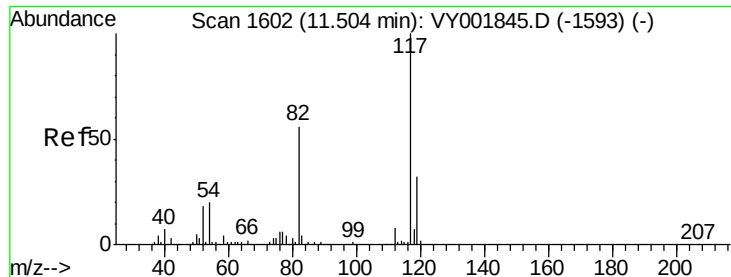
40000

20000

0

Time-->

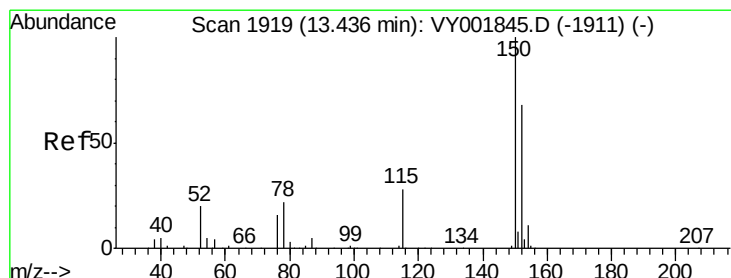
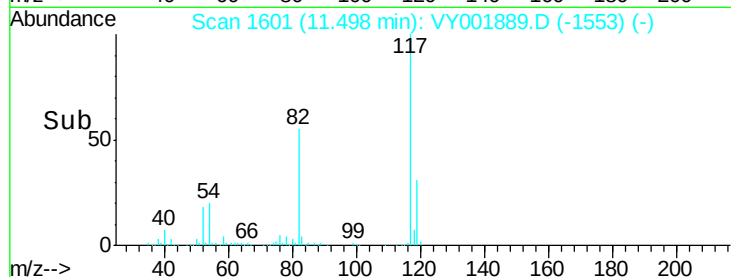
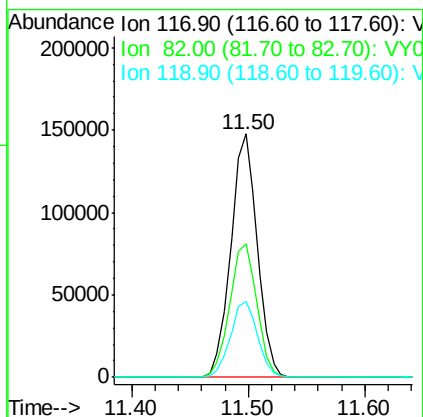
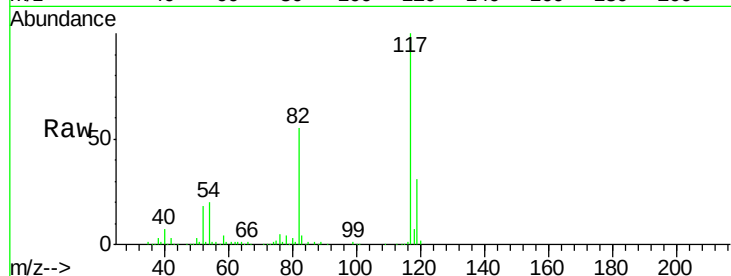




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001889.D
Acq: 05 Mar 2020 17:57

Instrument :
MSVOA_Y
ClientSampleId :
50-FAIRVIEW-AVE-SECAUCUS

Tot Ion:117 Resp: 232590
Ion Ratio Lower Upper
117 100
82 54.8 44.5 66.7
119 31.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001889.D
Acq: 05 Mar 2020 17:57

Tgt Ion:152 Resp: 101450
Ion Ratio Lower Upper
152 100
115 61.1 29.9 89.7
150 158.5 0.0 340.6

