

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030420\
 Data File : VY001861.D
 Acq On : 04 Mar 2020 18:04
 Operator : SY/MD
 Sample : L1778-08
 Misc : 6.03G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DN2

Quant Time: Mar 05 05:01:02 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	144119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	277794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	242104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	95035	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	88842	57.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.48%	
35) Dibromofluoromethane	7.74	113	81115	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	
50) Toluene-d8	10.19	98	333140	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
62) 4-Bromofluorobenzene	12.49	95	105062	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	

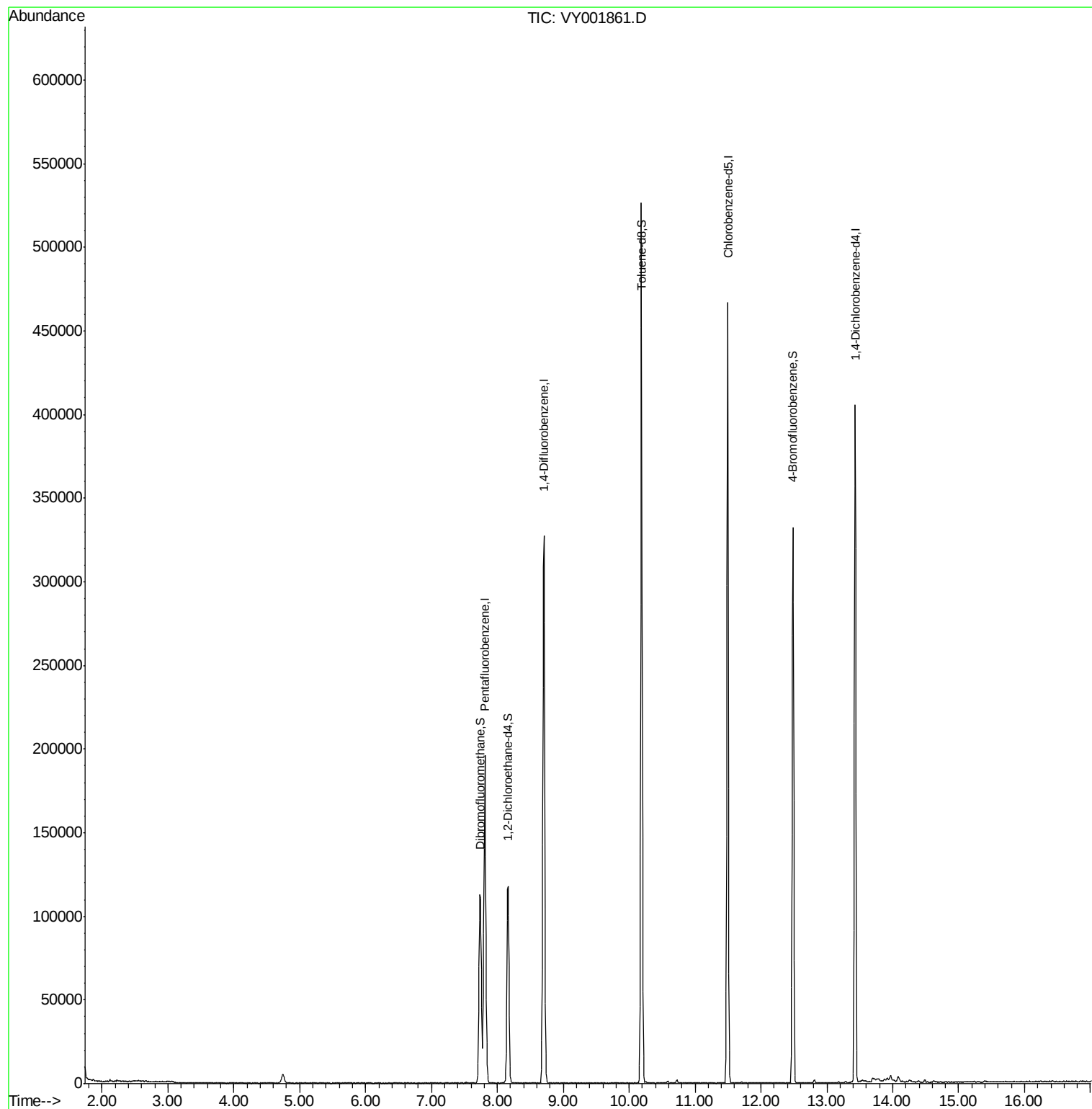
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001861.D

Acq: 04 Mar 2020 18:04

Instrument :

MSVOA_Y

ClientSampled :

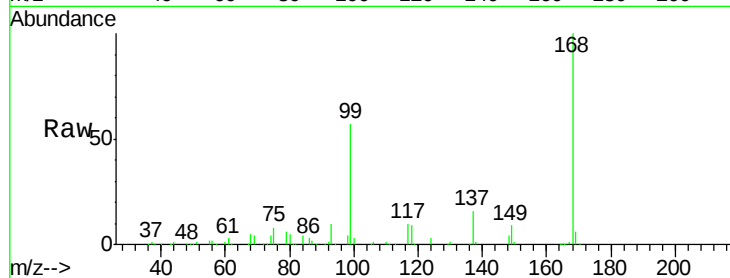
DN2

Tot Ion:168 Resp: 144119

Ion Ratio Lower Upper

168 100

99 56.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001861.D (-948) (-)

7.81

60000

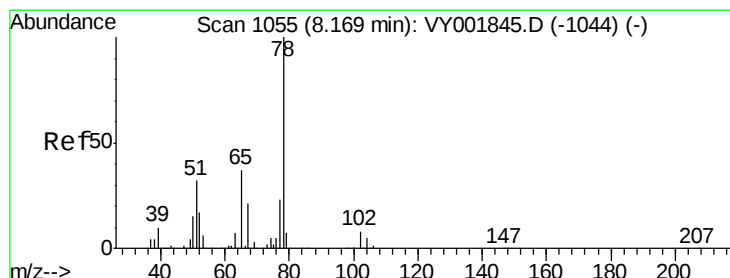
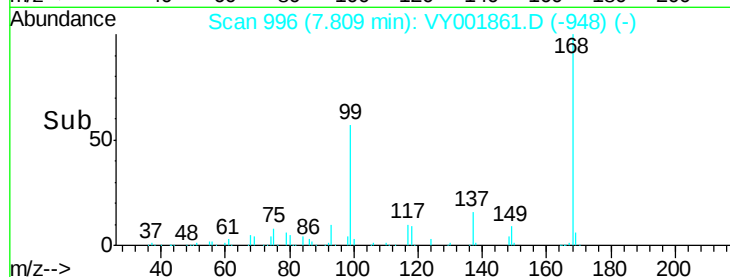
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.743 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001861.D

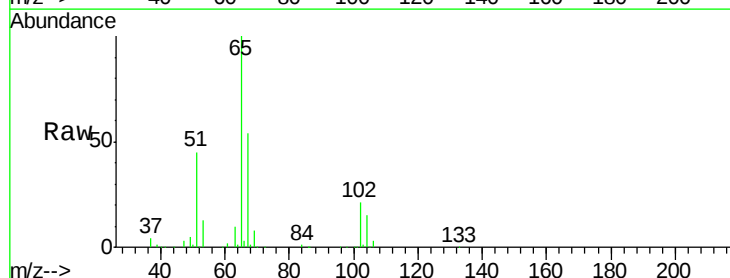
Acq: 04 Mar 2020 18:04

Tgt Ion: 65 Resp: 88842

Ion Ratio Lower Upper

65 100

67 55.1 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001845.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY001861.D (-1006) (-)

8.16

40000

30000

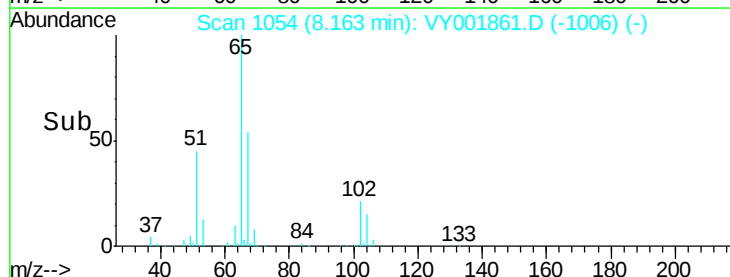
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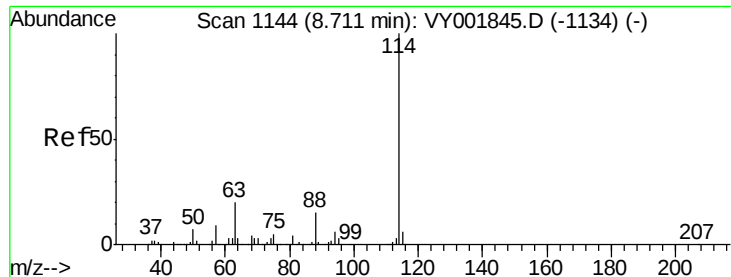
10000

0

8.10 8.20

Time-->

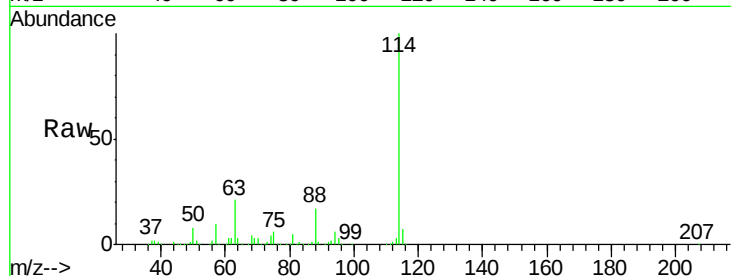




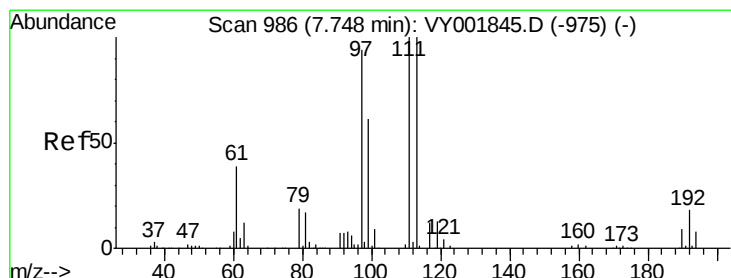
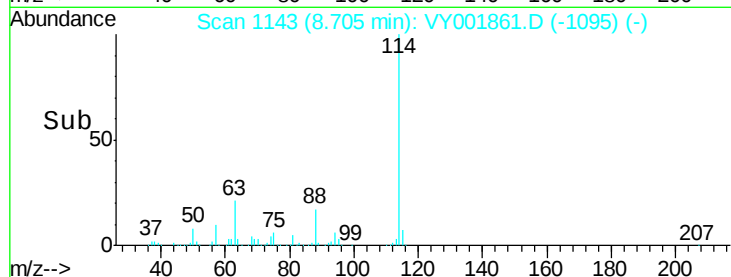
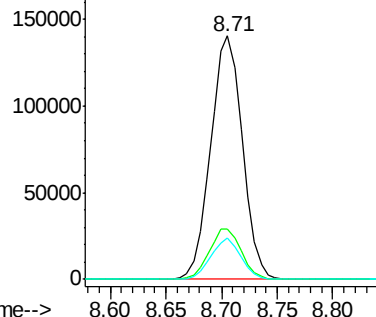
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001861.D
 Acq: 04 Mar 2020 18:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 DN2

Tot Ion:114 Resp: 277794
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.4
 88 17.2 0.0 30.4

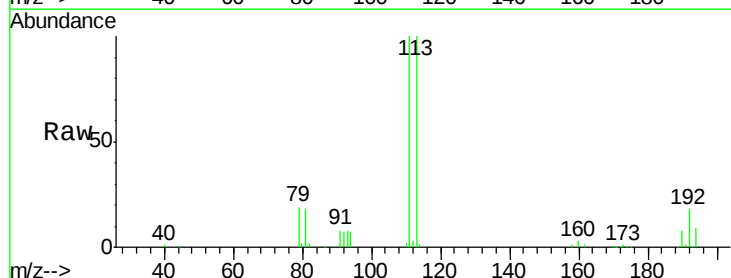


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

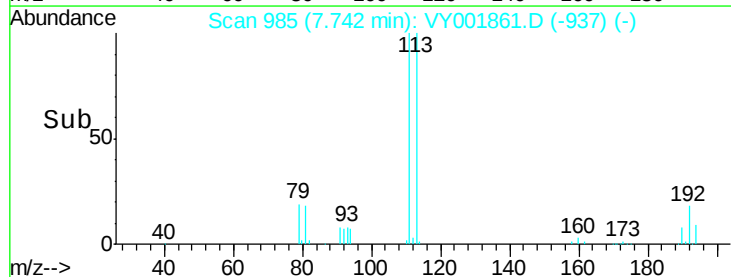
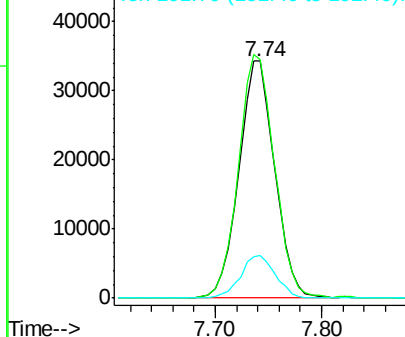


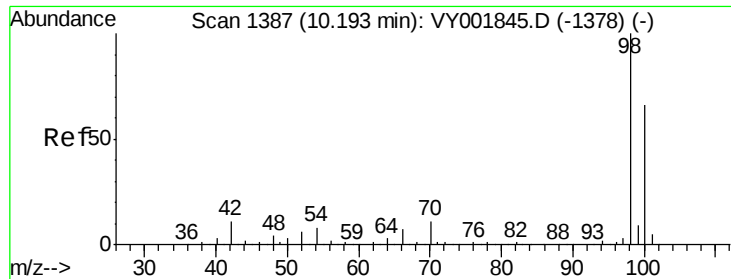
#35
 Dibromofluoromethane
 Concen: 53.475 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001861.D
 Acq: 04 Mar 2020 18:04

Tgt Ion:113 Resp: 81115
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.8 122.8
 192 17.6 14.2 21.2



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: 52.082 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001861.D

Acq: 04 Mar 2020 18:04

Instrument :

MSVOA_Y

ClientSampled :

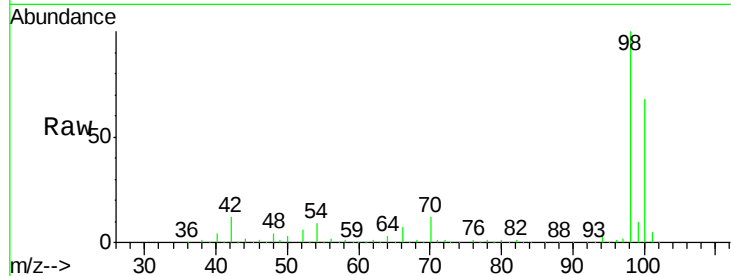
DN2

Tot Ion: 98 Resp: 333140

Ion Ratio Lower Upper

98 100

100 66.4 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001845.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001845.D (-1378) (-)

10.19

200000

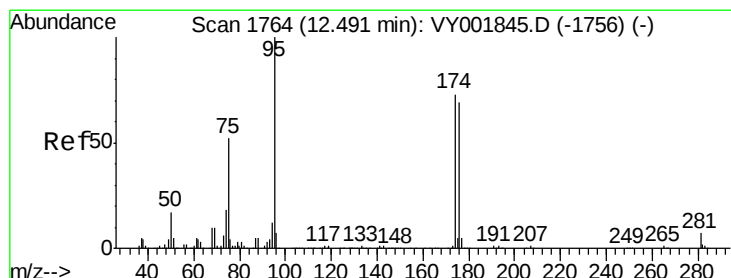
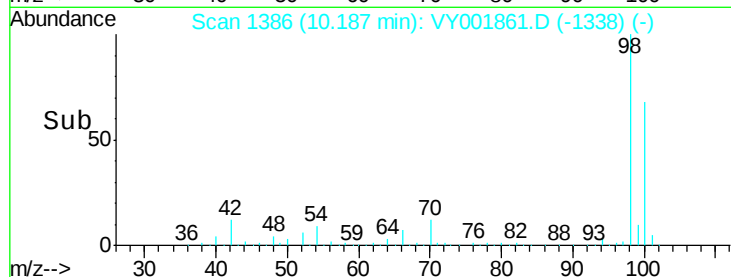
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.238 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001861.D

Acq: 04 Mar 2020 18:04

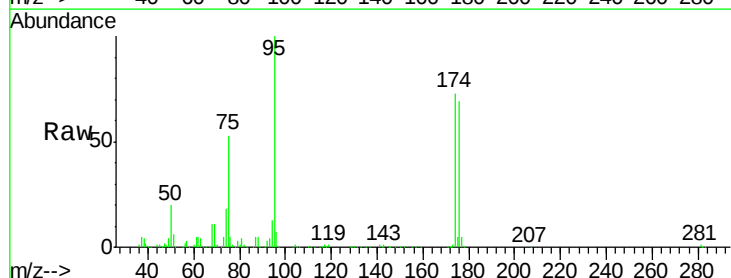
Tgt Ion: 95 Resp: 105062

Ion Ratio Lower Upper

95 100

174 73.1 0.0 145.0

176 71.1 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY001845.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001845.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001845.D (-1756) (-)

12.49

80000

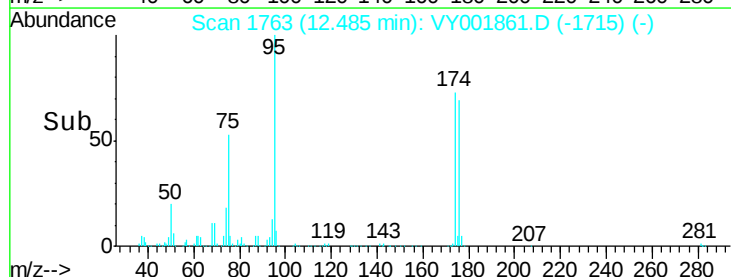
60000

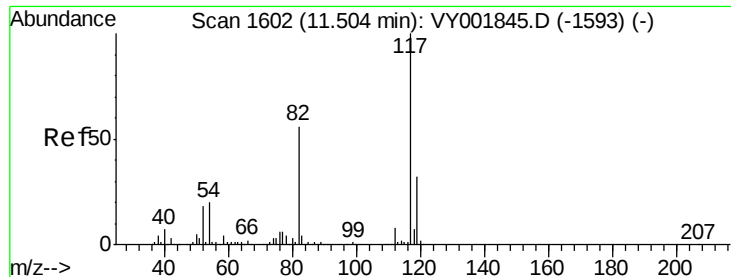
40000

20000

0

Time-->

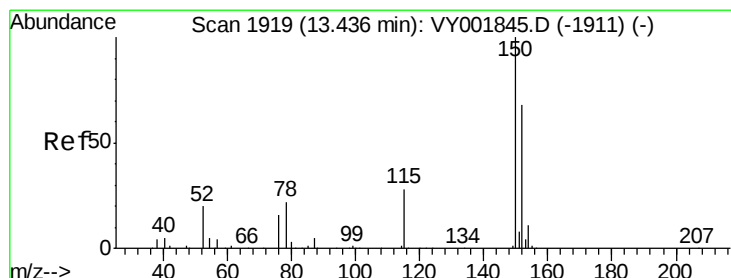
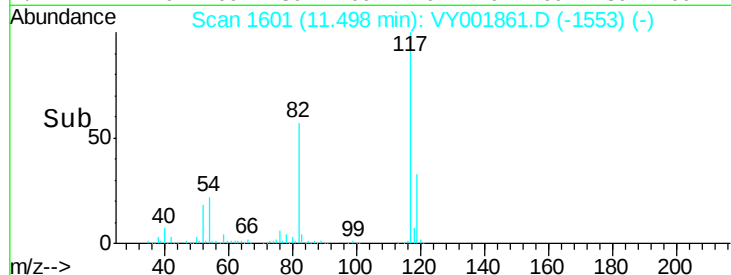
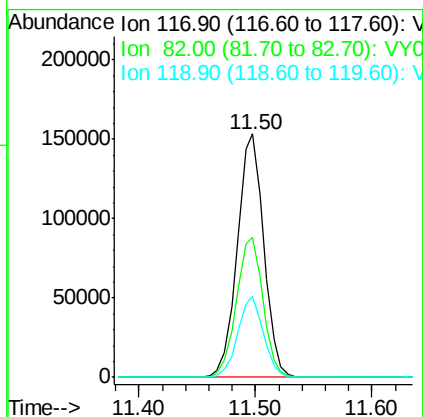
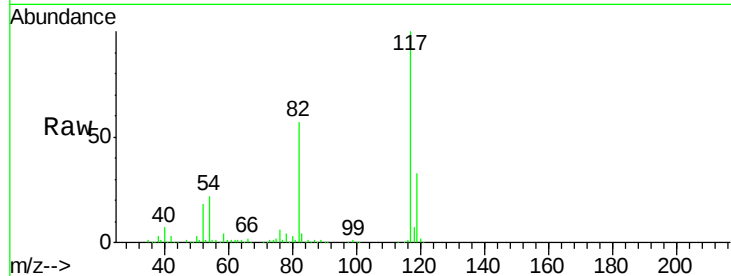




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001861.D
Acq: 04 Mar 2020 18:04

Instrument :
MSVOA_Y
ClientSampleId :
DN2

Tot Ion:117 Resp: 242104
Ion Ratio Lower Upper
117 100
82 57.3 44.5 66.7
119 33.4 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: VY001861.D
Acq: 04 Mar 2020 18:04

Tgt Ion:152 Resp: 95035
Ion Ratio Lower Upper
152 100
115 62.0 29.9 89.7
150 160.1 0.0 340.6

