

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030420\
 Data File : VY001863.D
 Acq On : 04 Mar 2020 18:49
 Operator : SY/MD
 Sample : L1778-12
 Misc : 8.19G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S4

Quant Time: Mar 05 05:35:33 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	143516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	275716	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	242339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	95532	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	89391	58.34	ug/l	0.00
Spiked Amount			Recovery	=	116.68%	
35) Dibromofluoromethane	7.74	113	79755	52.97	ug/l	-0.01
Spiked Amount			Recovery	=	105.94%	
50) Toluene-d8	10.19	98	329193	51.85	ug/l	0.00
Spiked Amount			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.49	95	106593	48.29	ug/l	0.00
Spiked Amount			Recovery	=	96.58%	

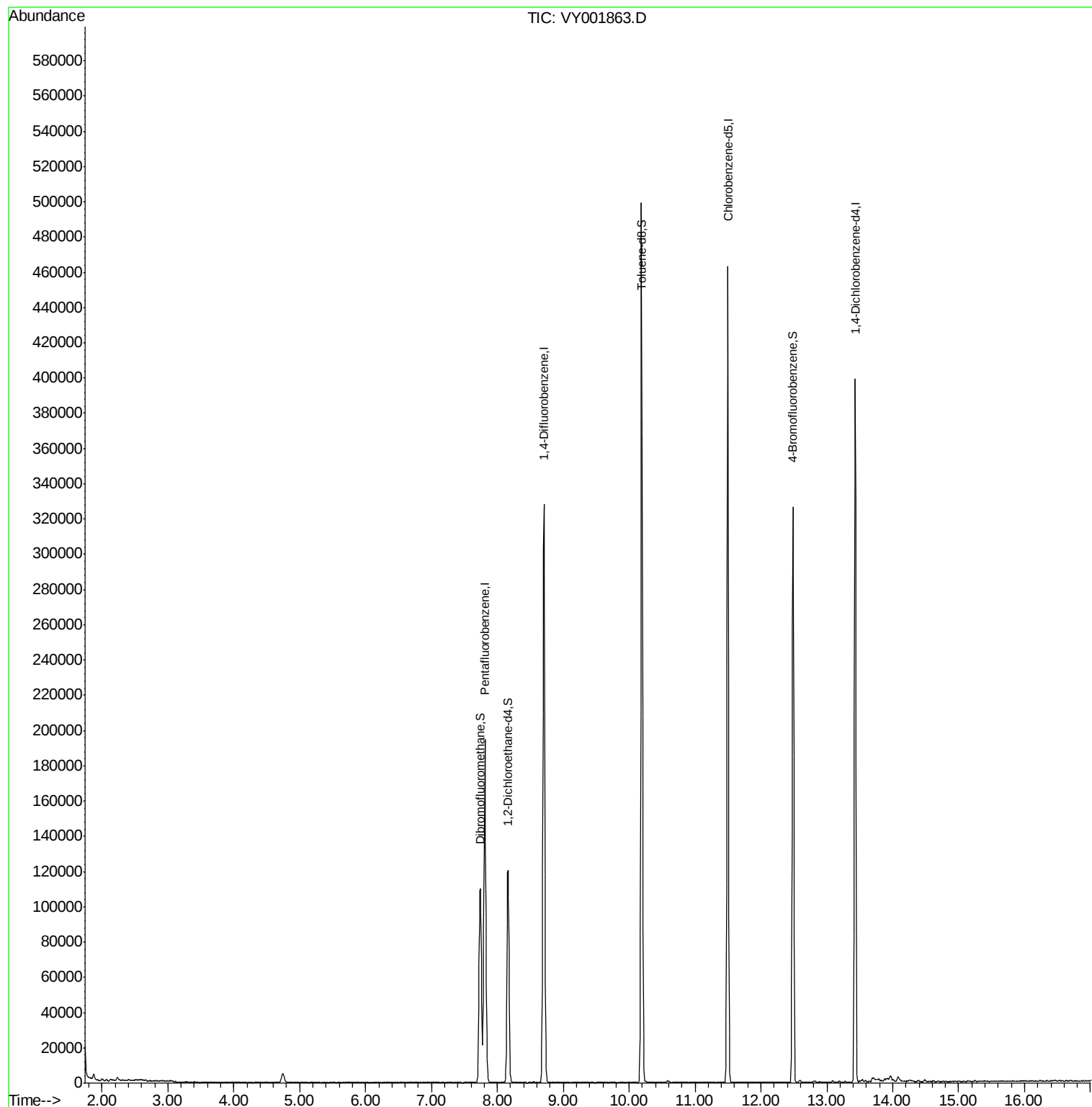
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001863.D

Acq: 04 Mar 2020 18:49

Instrument :

MSVOA_Y

ClientSampled :

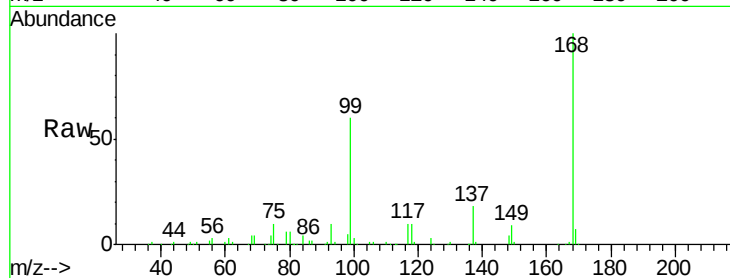
S4

Tot Ion:168 Resp: 143516

Ion Ratio Lower Upper

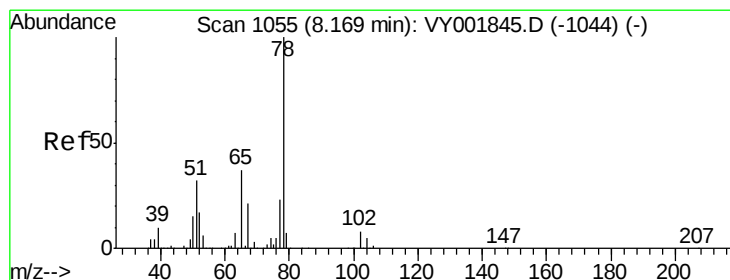
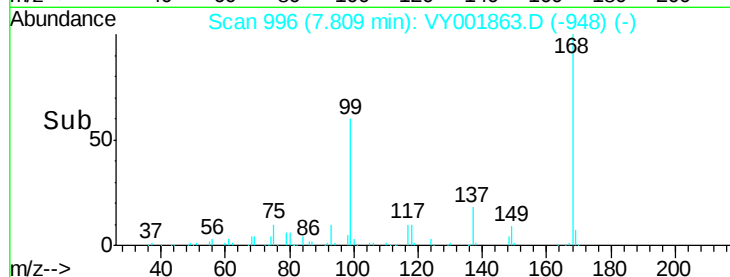
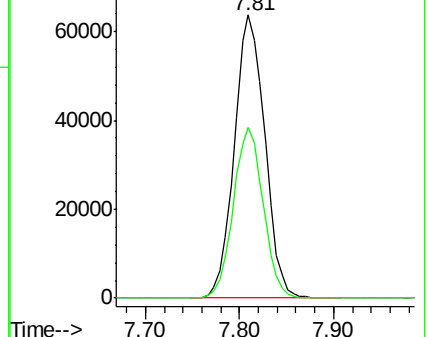
168 100

99 60.3 46.7 70.1



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

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#33

1,2-Dichloroethane-d4

Concen: 58.344 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001863.D

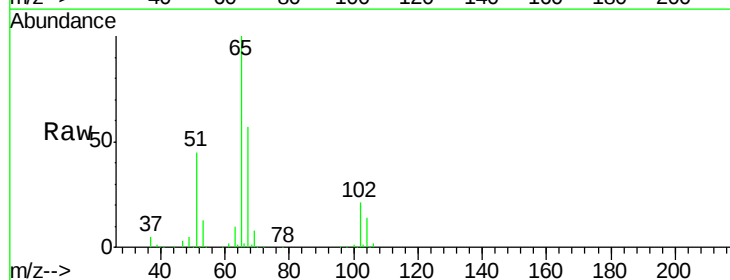
Acq: 04 Mar 2020 18:49

Tgt Ion: 65 Resp: 89391

Ion Ratio Lower Upper

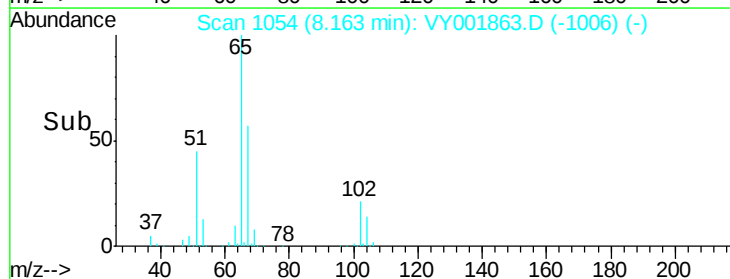
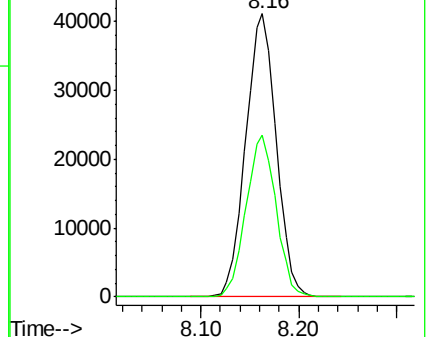
65 100

67 56.1 0.0 110.8



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

Ion 66.90 (66.60 to 67.60): VY001845.D (-1044) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001863.D

Acq: 04 Mar 2020 18:49

Instrument :

MSVOA_Y

ClientSampleId :

S4

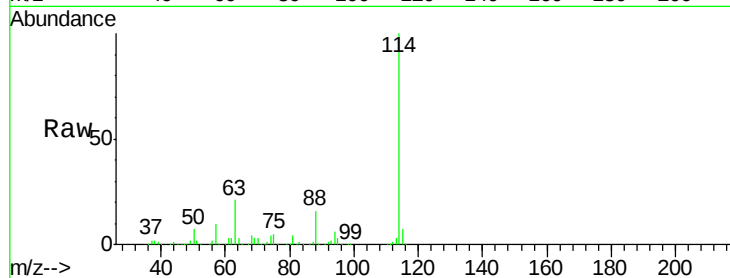
Tot Ion:114 Resp: 275716

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.4

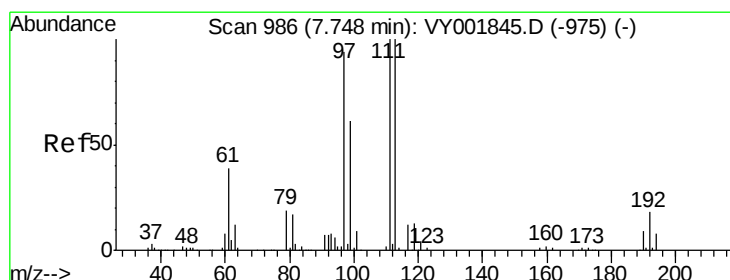
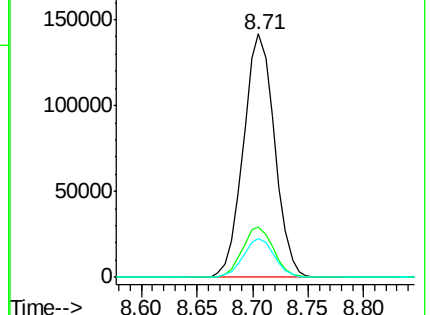
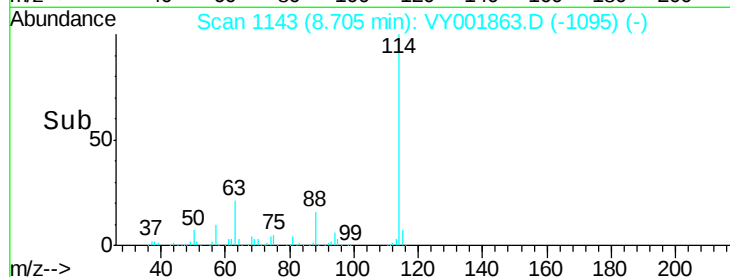
88 15.8 0.0 30.4



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: 52.975 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001863.D

Acq: 04 Mar 2020 18:49

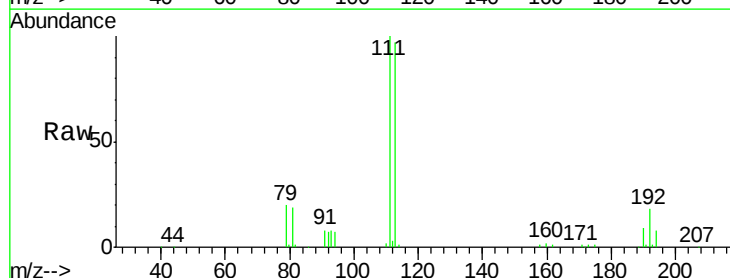
Tgt Ion:113 Resp: 79755

Ion Ratio Lower Upper

113 100

111 104.8 81.8 122.8

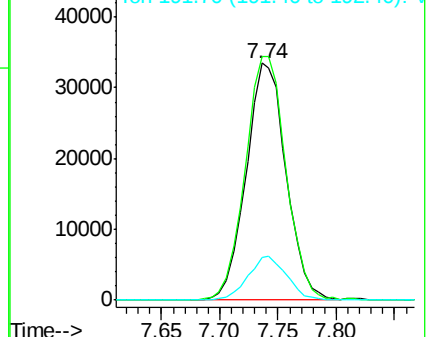
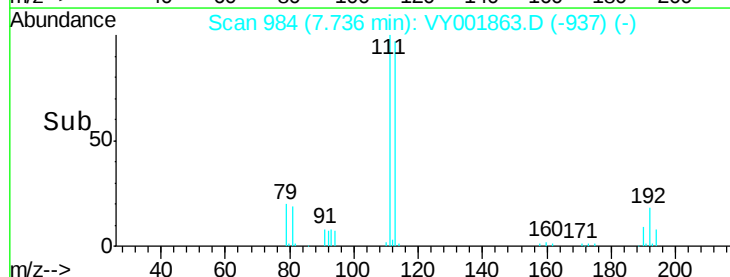
192 17.8 14.2 21.2

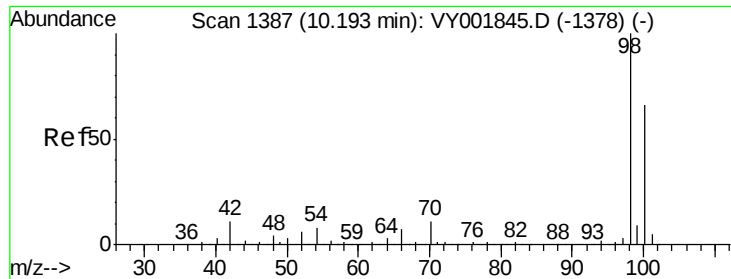


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.853 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001863.D

Acq: 04 Mar 2020 18:49

Instrument :

MSVOA_Y

ClientSampled :

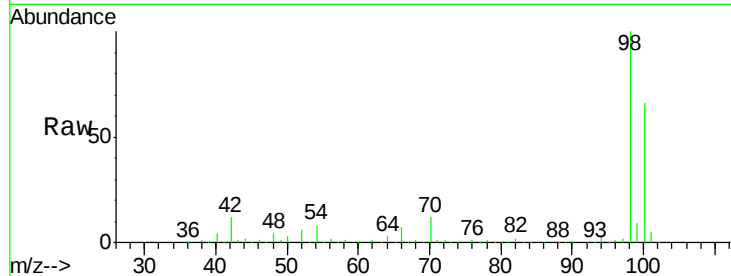
S4

Tot Ion: 98 Resp: 329193

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

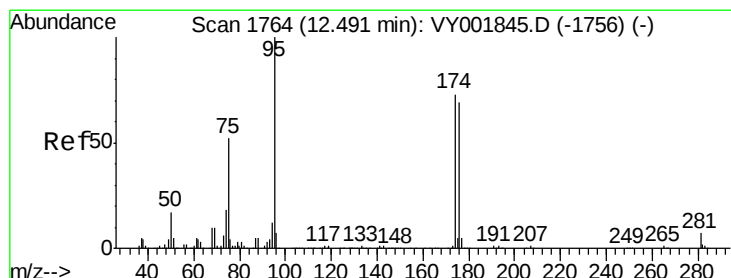
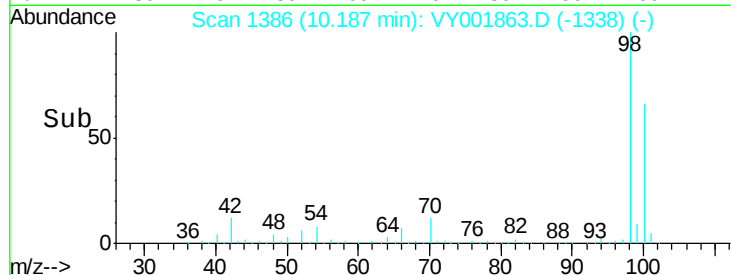
150000

100000

50000

0

Time--> 10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 48.287 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001863.D

Acq: 04 Mar 2020 18:49

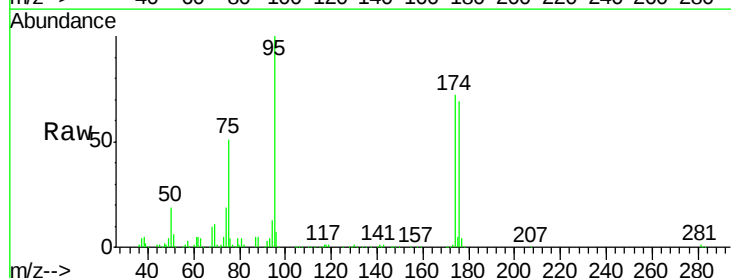
Tgt Ion: 95 Resp: 106593

Ion Ratio Lower Upper

95 100

174 73.3 0.0 145.0

176 69.8 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

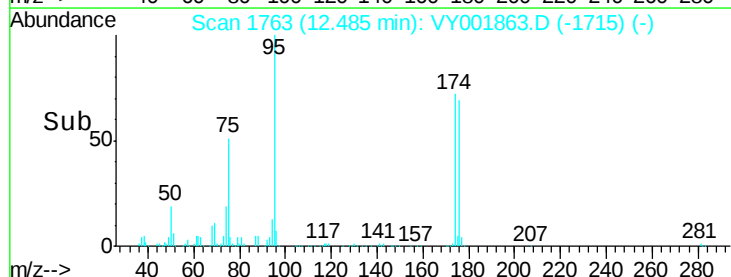
60000

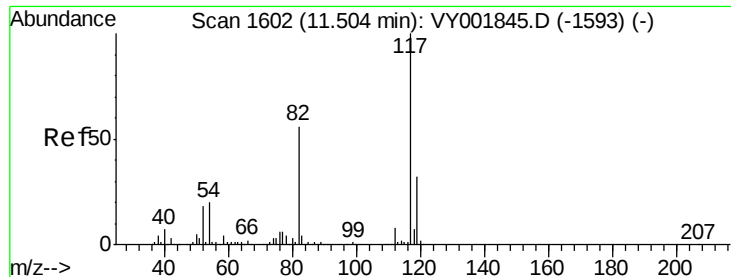
40000

20000

0

Time--> 12.40 12.45 12.50 12.55

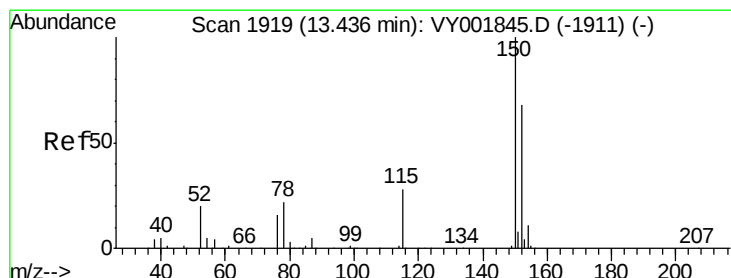
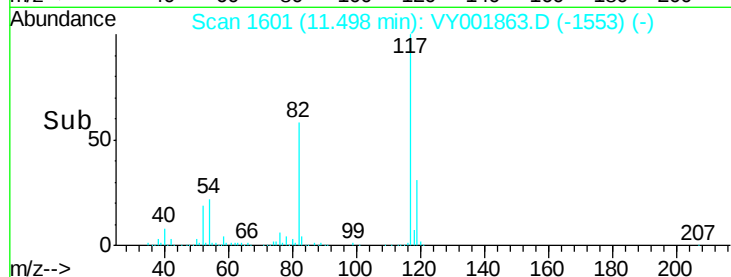
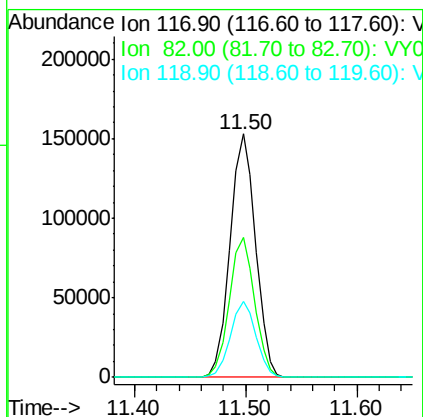
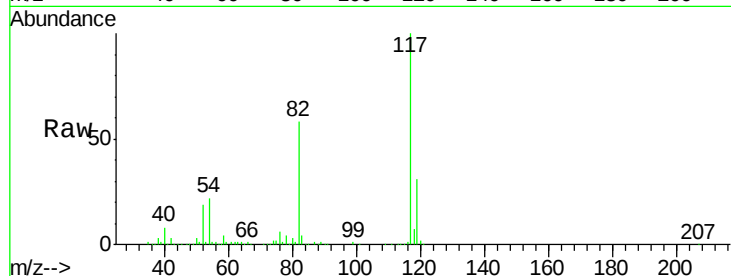




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001863.D
Acq: 04 Mar 2020 18:49

Instrument :
MSVOA_Y
ClientSampleId :
S4

Tot Ion:117 Resp: 242339
Ion Ratio Lower Upper
117 100
82 57.7 44.5 66.7
119 31.1 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: VY001863.D
Acq: 04 Mar 2020 18:49

Tgt Ion:152 Resp: 95532
Ion Ratio Lower Upper
152 100
115 61.6 29.9 89.7
150 155.9 0.0 340.6

