

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032020\
 Data File : VY002035.D
 Acq On : 20 Mar 2020 12:32
 Operator : SY/MD
 Sample : L1755-05
 Misc : 7.43G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-031920

Quant Time: Mar 23 07:32:47 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	140359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	270597	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	243467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	98545	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	89118	59.47	ug/l	-0.01
Spiked Amount						
			Recovery	=	118.94%	
35) Dibromofluoromethane	7.74	113	80610	54.56	ug/l	-0.01
Spiked Amount						
			Recovery	=	109.12%	
50) Toluene-d8	10.19	98	328903	52.79	ug/l	0.00
Spiked Amount						
			Recovery	=	105.58%	
62) 4-Bromofluorobenzene	12.49	95	107826	49.77	ug/l	0.00
Spiked Amount						
			Recovery	=	99.54%	

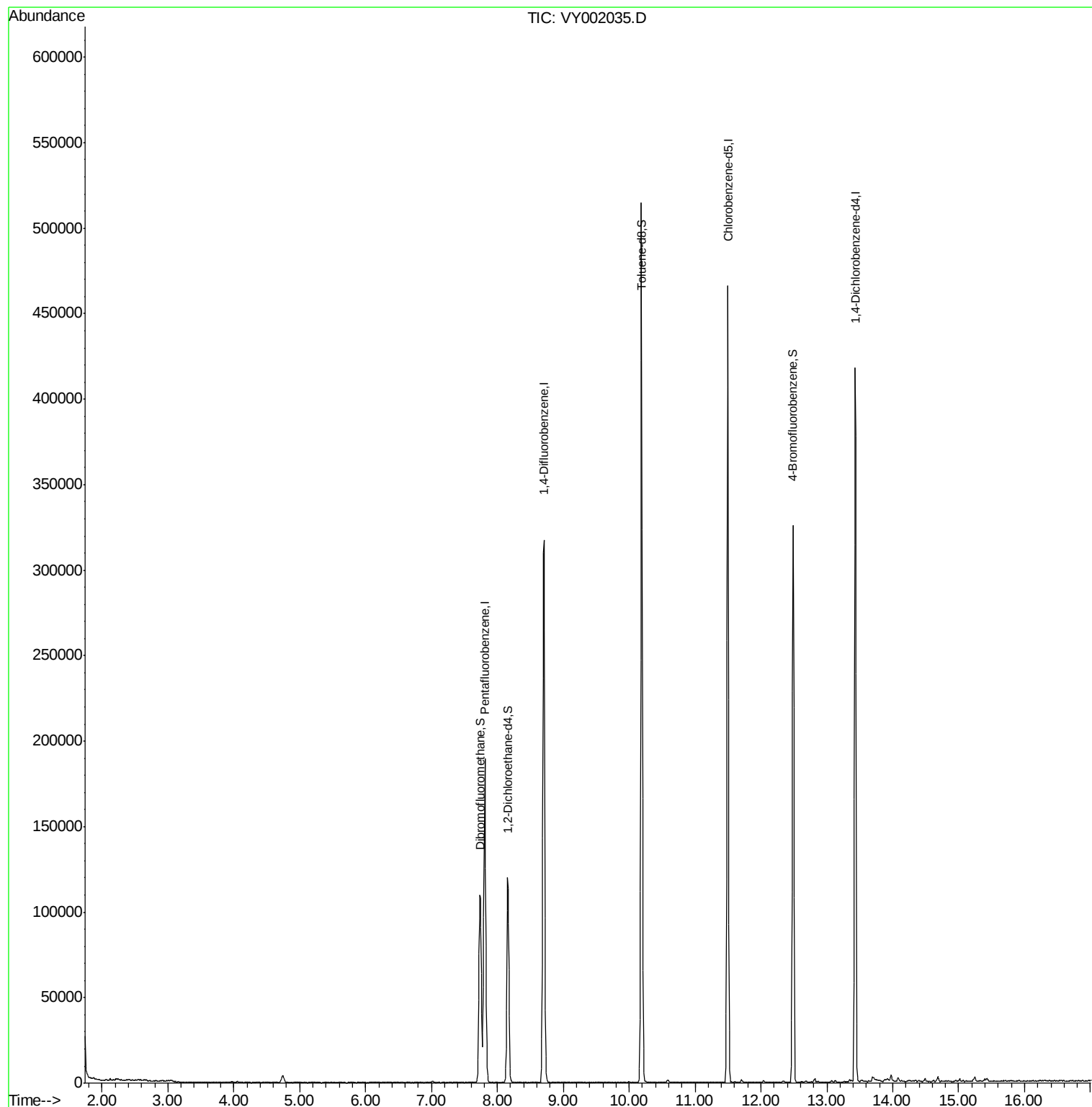
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY002035.D

Acq: 20 Mar 2020 12:32

Instrument :

MSVOA_Y

ClientSampleId :

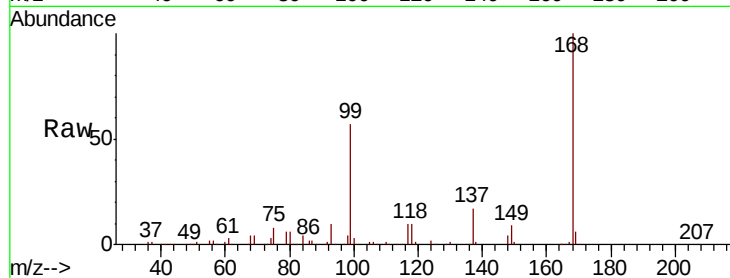
OK-01-031920

Tot Ion:168 Resp: 140359

Ion Ratio Lower Upper

168 100

99 56.5 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) (-)

7.81

60000

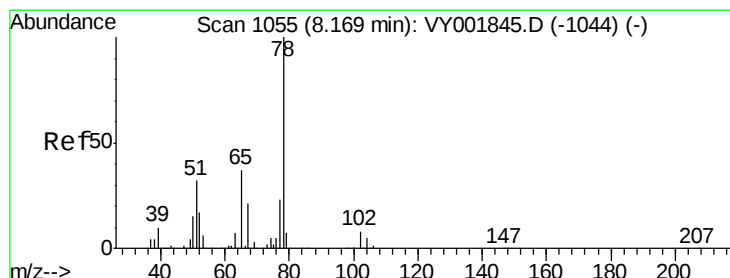
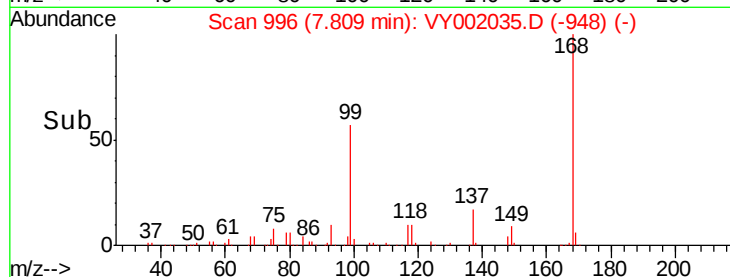
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.474 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002035.D

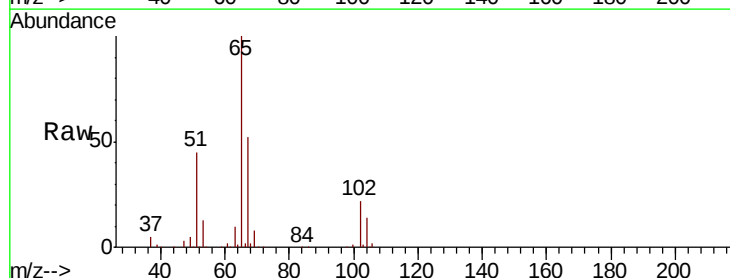
Acq: 20 Mar 2020 12:32

Tgt Ion: 65 Resp: 89118

Ion Ratio Lower Upper

65 100

67 53.5 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) (-)

8.16

40000

30000

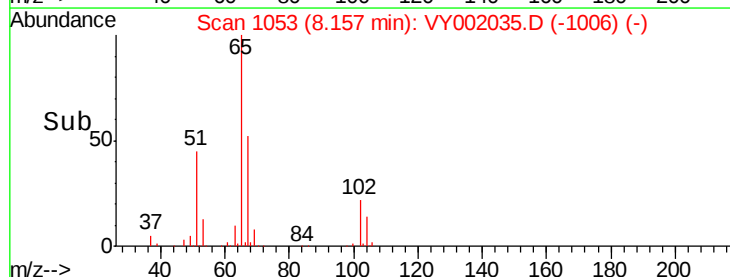
20000

10000

0

8.10 8.20 8.30

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY002035.D

Acq: 20 Mar 2020 12:32

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-031920

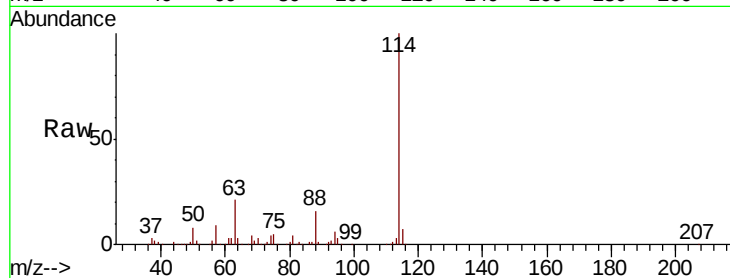
Tot Ion:114 Resp: 270597

Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.4

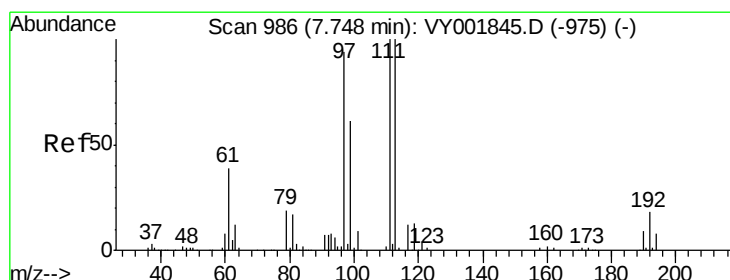
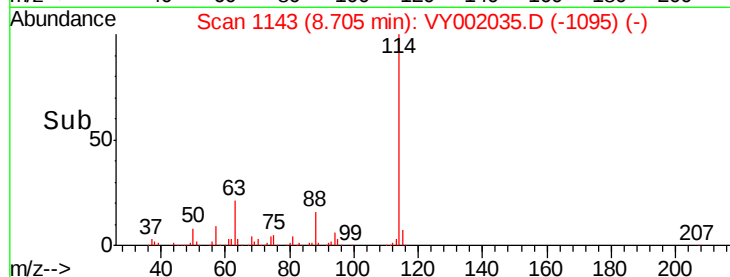
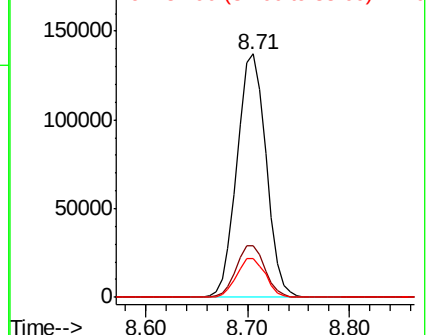
88 15.8 0.0 30.4



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: 54.555 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY002035.D

Acq: 20 Mar 2020 12:32

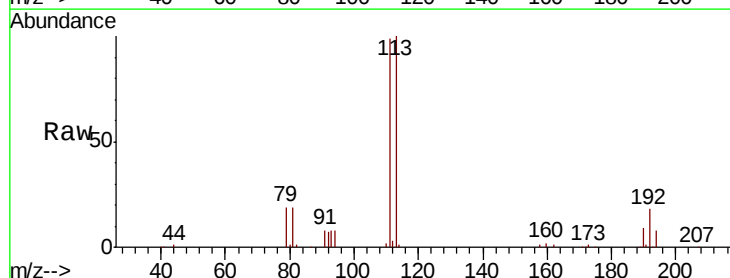
Tgt Ion:113 Resp: 80610

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

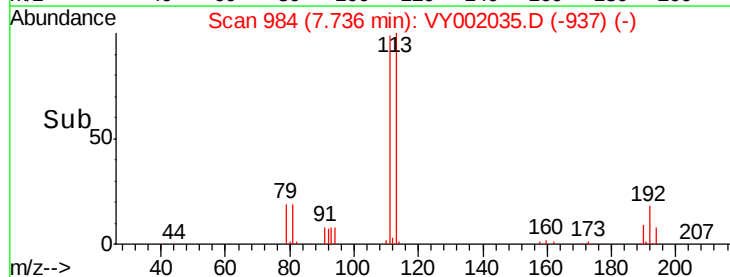
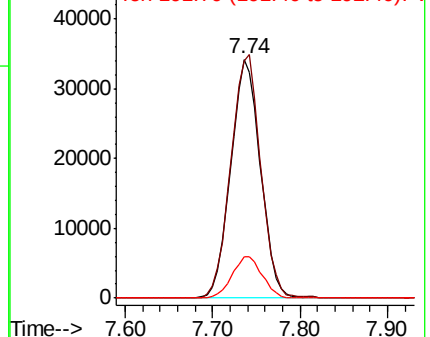
192 17.6 14.2 21.2

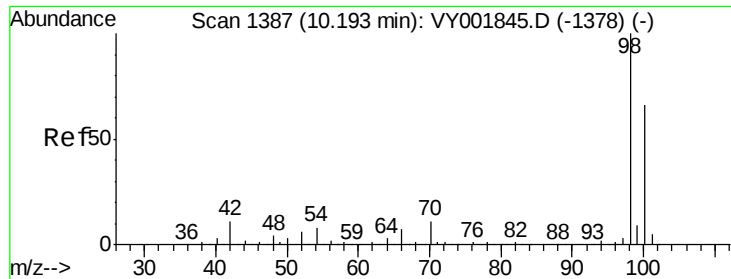


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.787 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002035.D

Acq: 20 Mar 2020 12:32

Instrument :

MSVOA_Y

ClientSampleId :

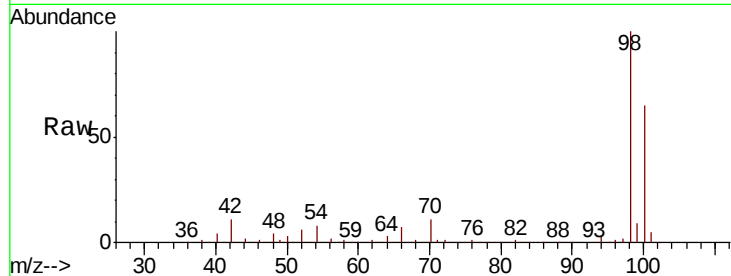
OK-01-031920

Tot Ion: 98 Resp: 328903

Ion Ratio Lower Upper

98 100

100 65.4 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

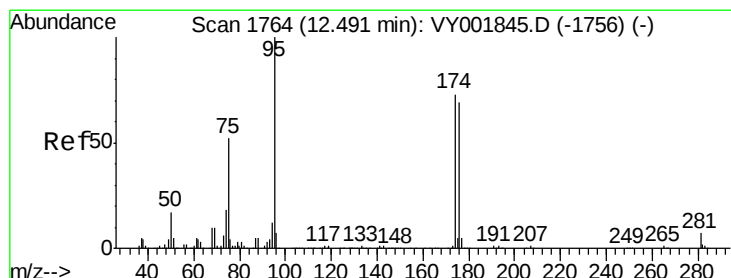
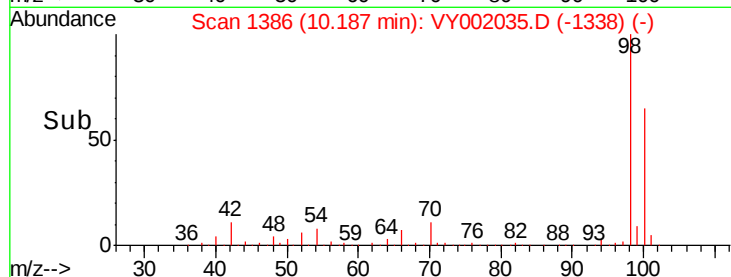
150000

100000

50000

0

Time--> 10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 49.770 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002035.D

Acq: 20 Mar 2020 12:32

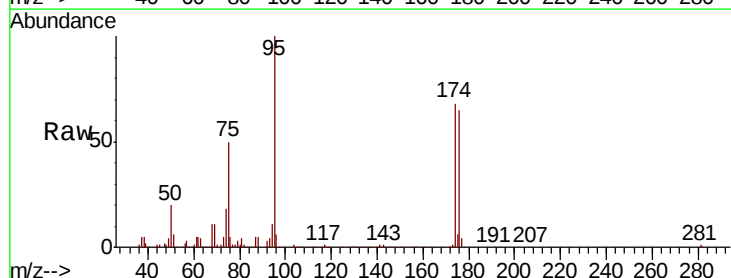
Tgt Ion: 95 Resp: 107826

Ion Ratio Lower Upper

95 100

174 71.9 0.0 145.0

176 69.6 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

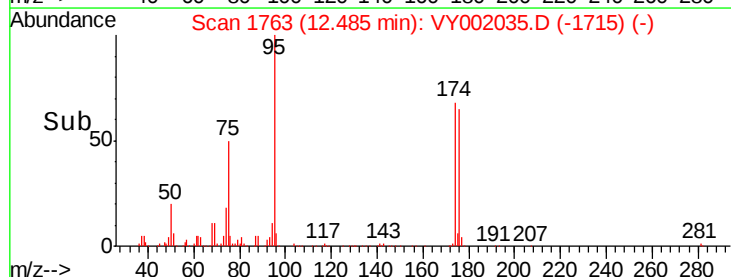
60000

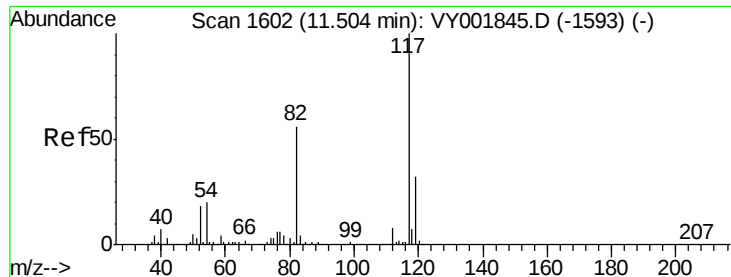
40000

20000

0

Time--> 12.40 12.45 12.50 12.55

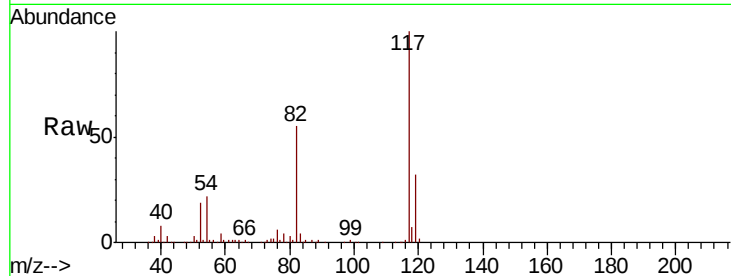




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002035.D
Acq: 20 Mar 2020 12:32

Instrument :
MSVOA_Y
ClientSampleId :
OK-01-031920

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.5	66.7
119	31.7	25.7	38.5

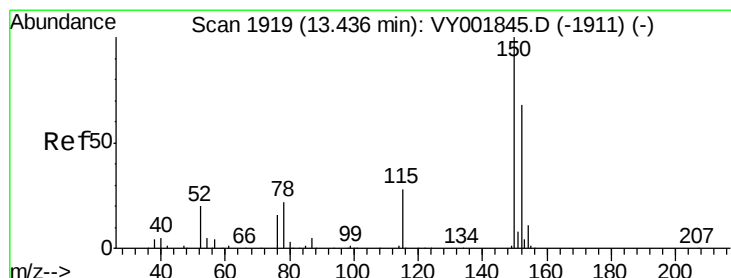
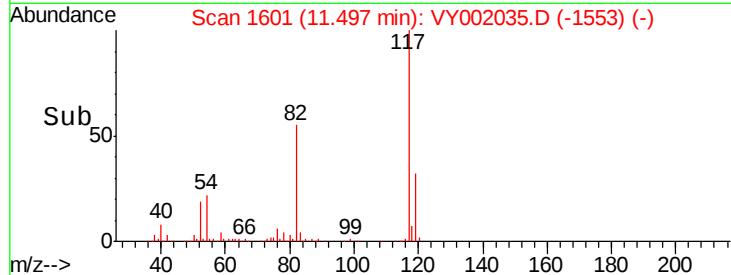
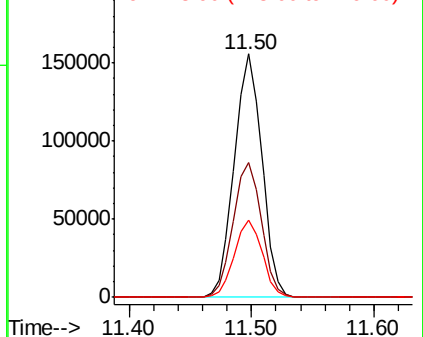


Abundance

Ion 116.90 (116.60 to 117.60): V

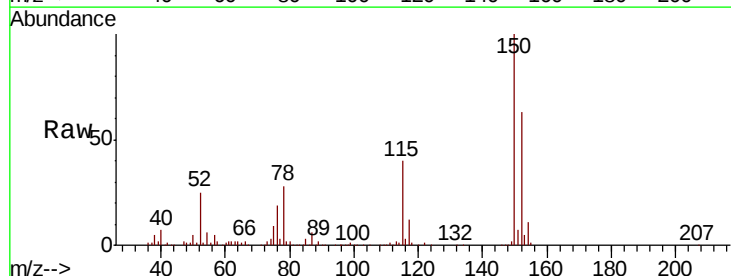
Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002035.D
Acq: 20 Mar 2020 12:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.3	29.9	89.7
150	158.1	0.0	340.6



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

