

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
 Data File : VY002071.D
 Acq On : 25 Mar 2020 16:52
 Operator : SY/MD
 Sample : L2036-02
 Misc : 6.05G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-03-014-ABCD

Quant Time: Mar 26 07:58:46 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	7.82	168	130828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	257901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	241153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	108207	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	85471	61.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.40%	
35) Dibromofluoromethane	7.74	113	75870	53.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.76%	
50) Toluene-d8	10.19	98	315209	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
62) 4-Bromofluorobenzene	12.49	95	108809	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	

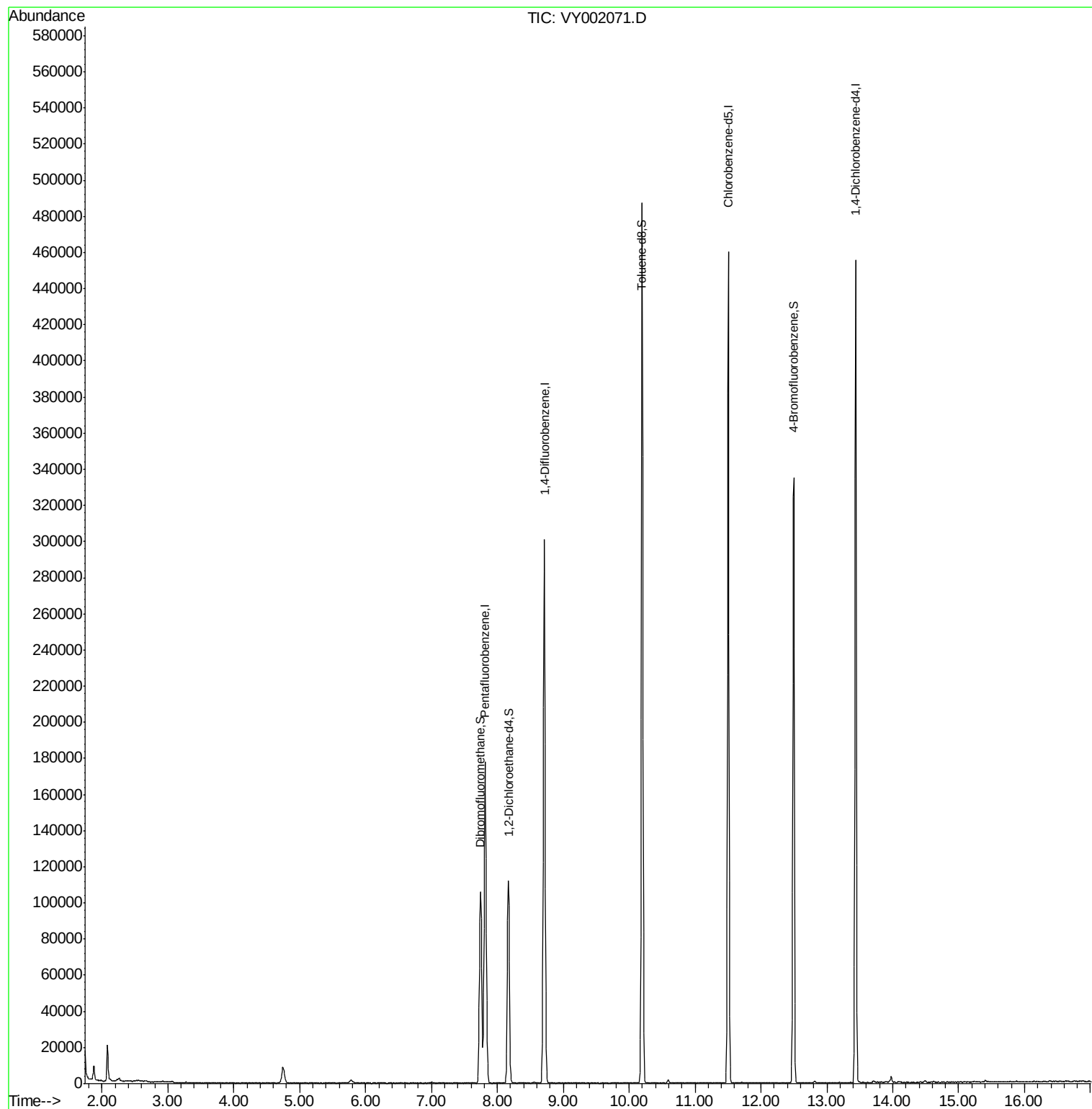
Target Compounds	Qvalue

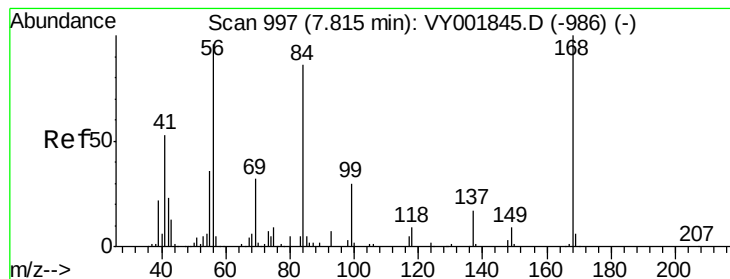
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY002071.D

Acq: 25 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

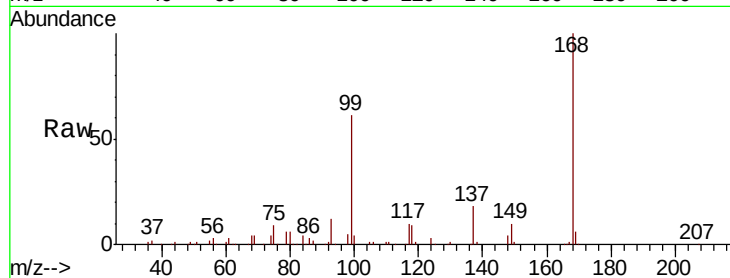
FK-BPM-03-014-ABCD

Tot Ion:168 Resp: 130828

Ion Ratio Lower Upper

168 100

99 61.2 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) (-)

7.82

60000

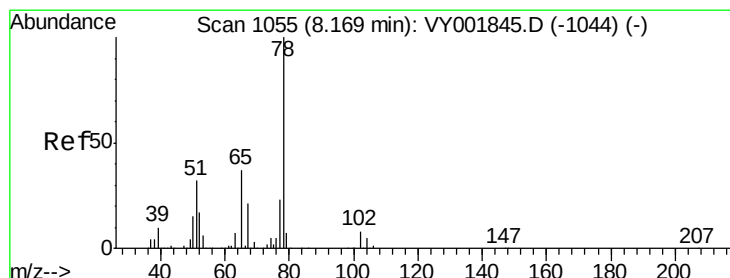
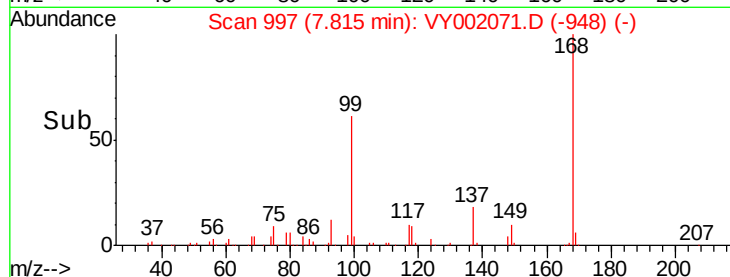
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 61.196 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002071.D

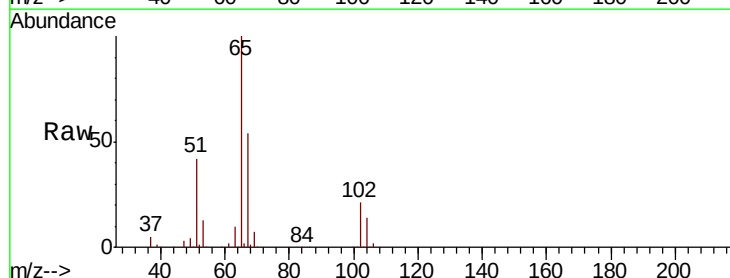
Acq: 25 Mar 2020 16:52

Tgt Ion: 65 Resp: 85471

Ion Ratio Lower Upper

65 100

67 54.7 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

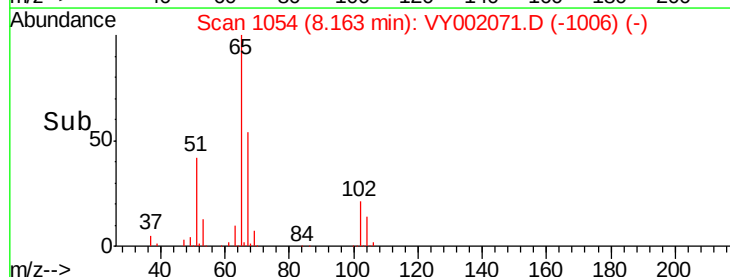
20000

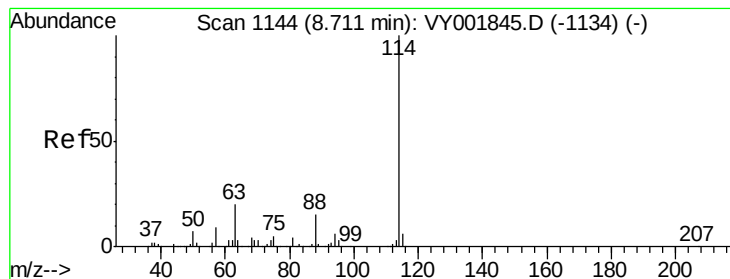
10000

0

8.10 8.20 8.30

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY002071.D

Acq: 25 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

FK-BPM-03-014-ABCD

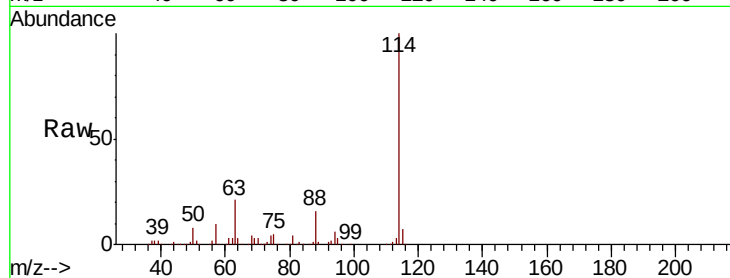
Tot Ion:114 Resp: 257901

Ion Ratio Lower Upper

114 100

63 21.4 0.0 39.4

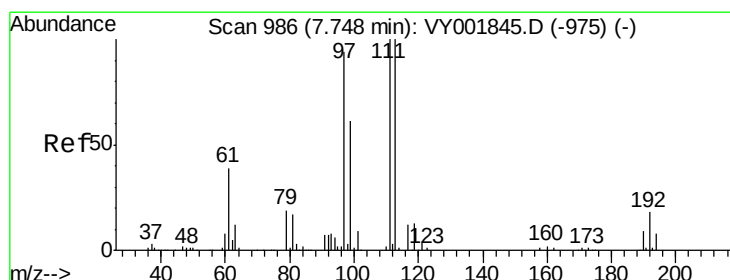
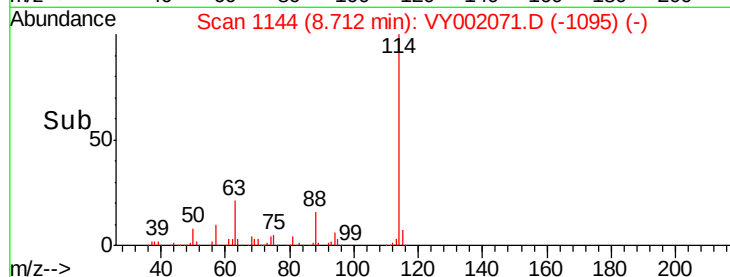
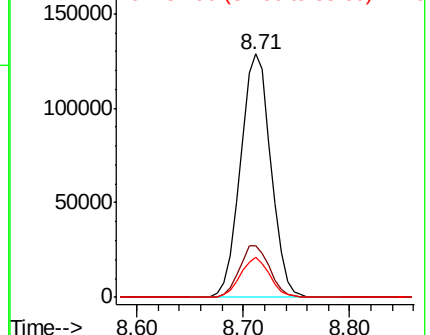
88 16.2 0.0 30.4



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: 53.875 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY002071.D

Acq: 25 Mar 2020 16:52

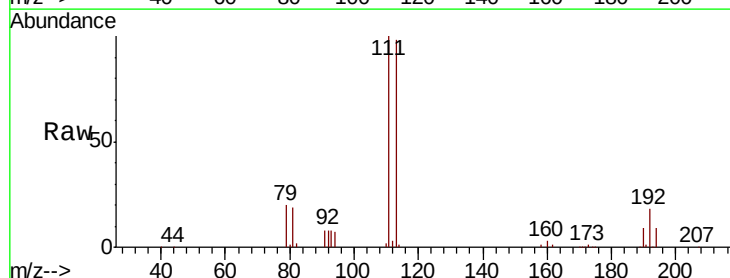
Tgt Ion:113 Resp: 75870

Ion Ratio Lower Upper

113 100

111 103.6 81.8 122.8

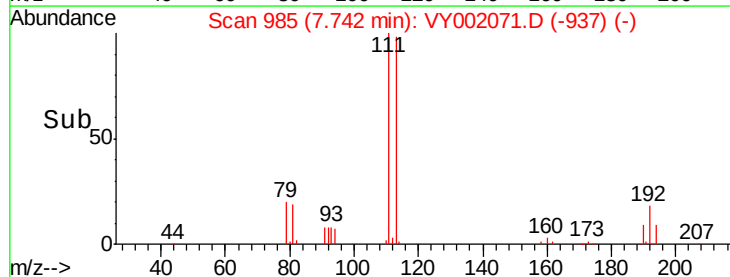
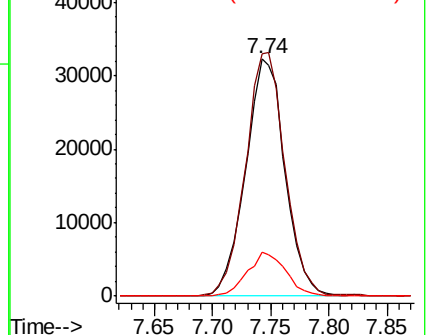
192 18.2 14.2 21.2

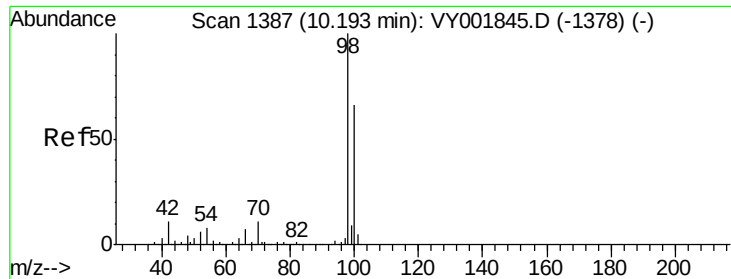


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.080 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY002071.D

Acq: 25 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

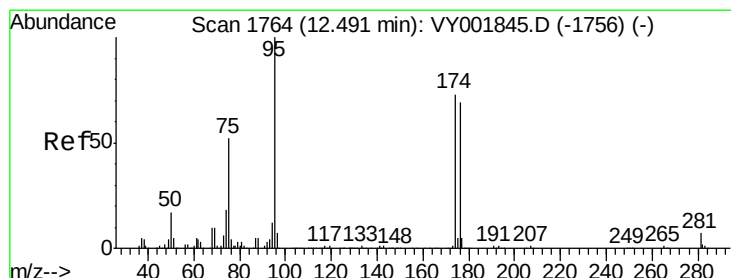
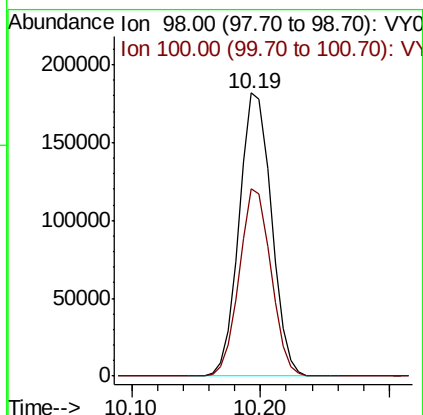
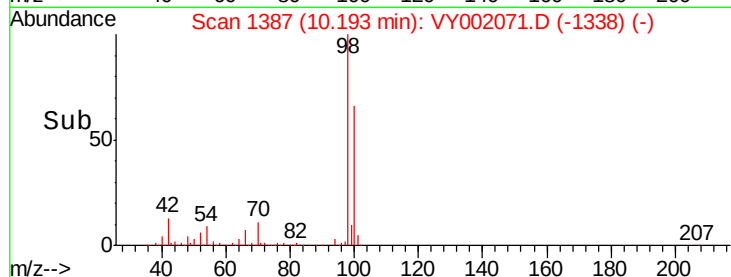
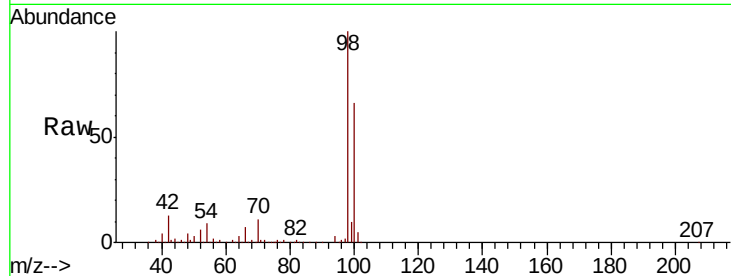
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Tot Ion: 98 Resp: 315209

Ion Ratio Lower Upper

98 100

100 65.2 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 52.696 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY002071.D

Acq: 25 Mar 2020 16:52

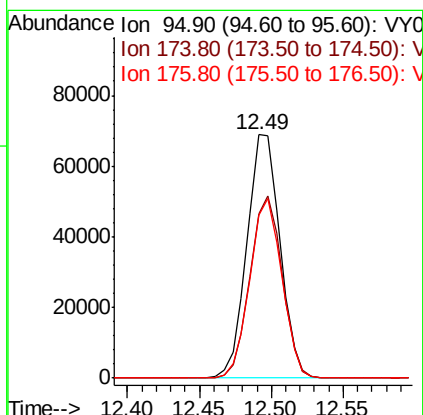
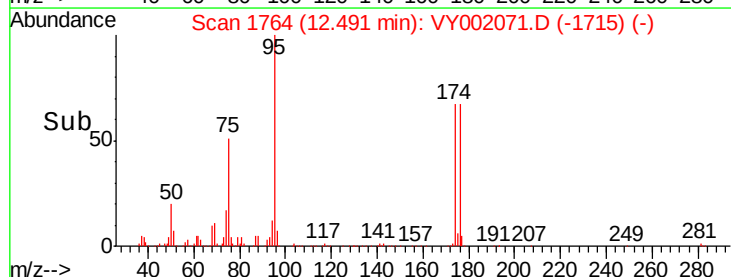
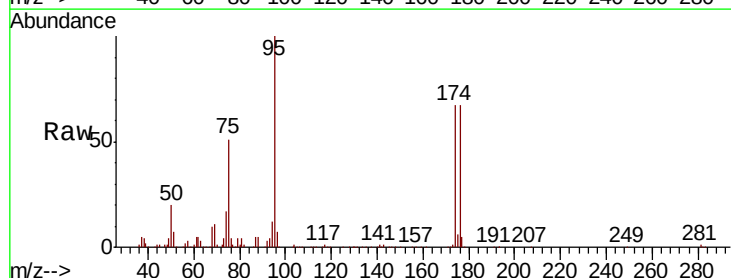
Tgt Ion: 95 Resp: 108809

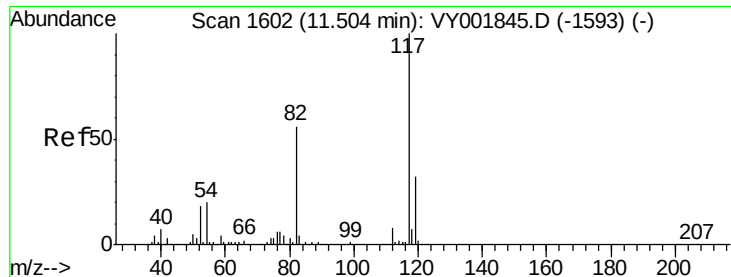
Ion Ratio Lower Upper

95 100

174 73.3 0.0 145.0

176 71.6 0.0 137.4

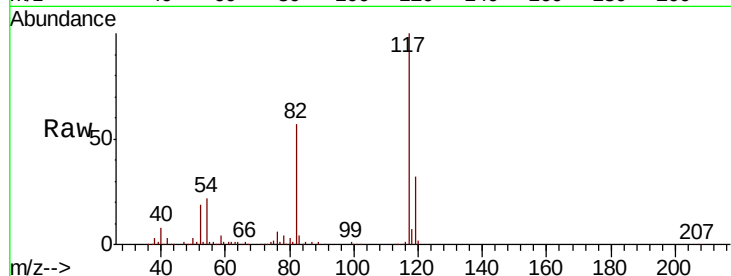




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002071.D
Acq: 25 Mar 2020 16:52

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-03-014-ABCD

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	44.5	66.7
119	31.7	25.7	38.5

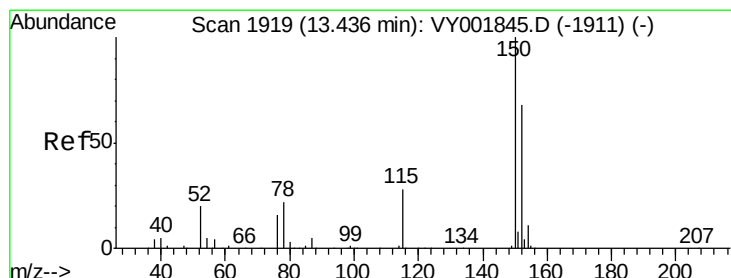
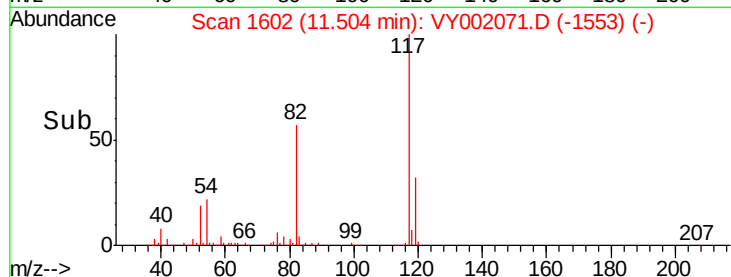
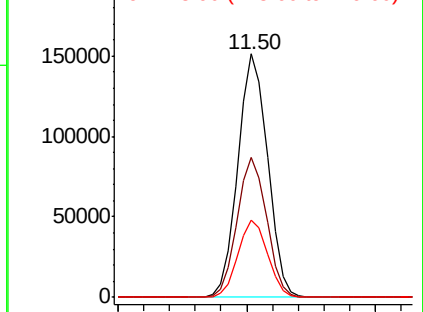


Abundance

Ion 116.90 (116.60 to 117.60): V

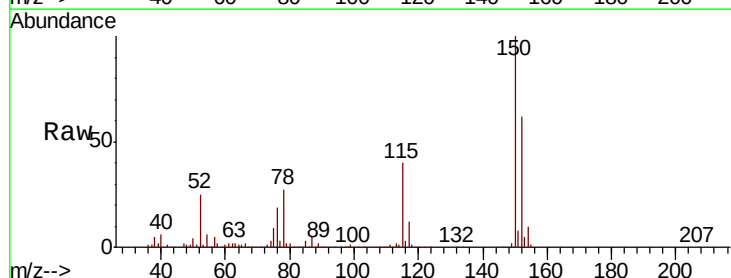
Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY002071.D
Acq: 25 Mar 2020 16:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.6	29.9	89.7
150	158.9	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

