

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031220\
 Data File : VY001968.D
 Acq On : 12 Mar 2020 20:32
 Operator : SY/MD
 Sample : L1913-17
 Misc : 6.46G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MK-031220-GRAB-DP

Quant Time: Mar 13 06:52:21 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	155908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	303664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	274368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	115875	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	99050	59.51	ug/l	0.00
Spiked Amount			Recovery	=	119.02%	
35) Dibromofluoromethane	7.75	113	87486	52.76	ug/l	0.00
Spiked Amount			Recovery	=	105.52%	
50) Toluene-d8	10.19	98	368782	52.74	ug/l	0.00
Spiked Amount			Recovery	=	105.48%	
62) 4-Bromofluorobenzene	12.49	95	126561	52.06	ug/l	0.00
Spiked Amount			Recovery	=	104.12%	

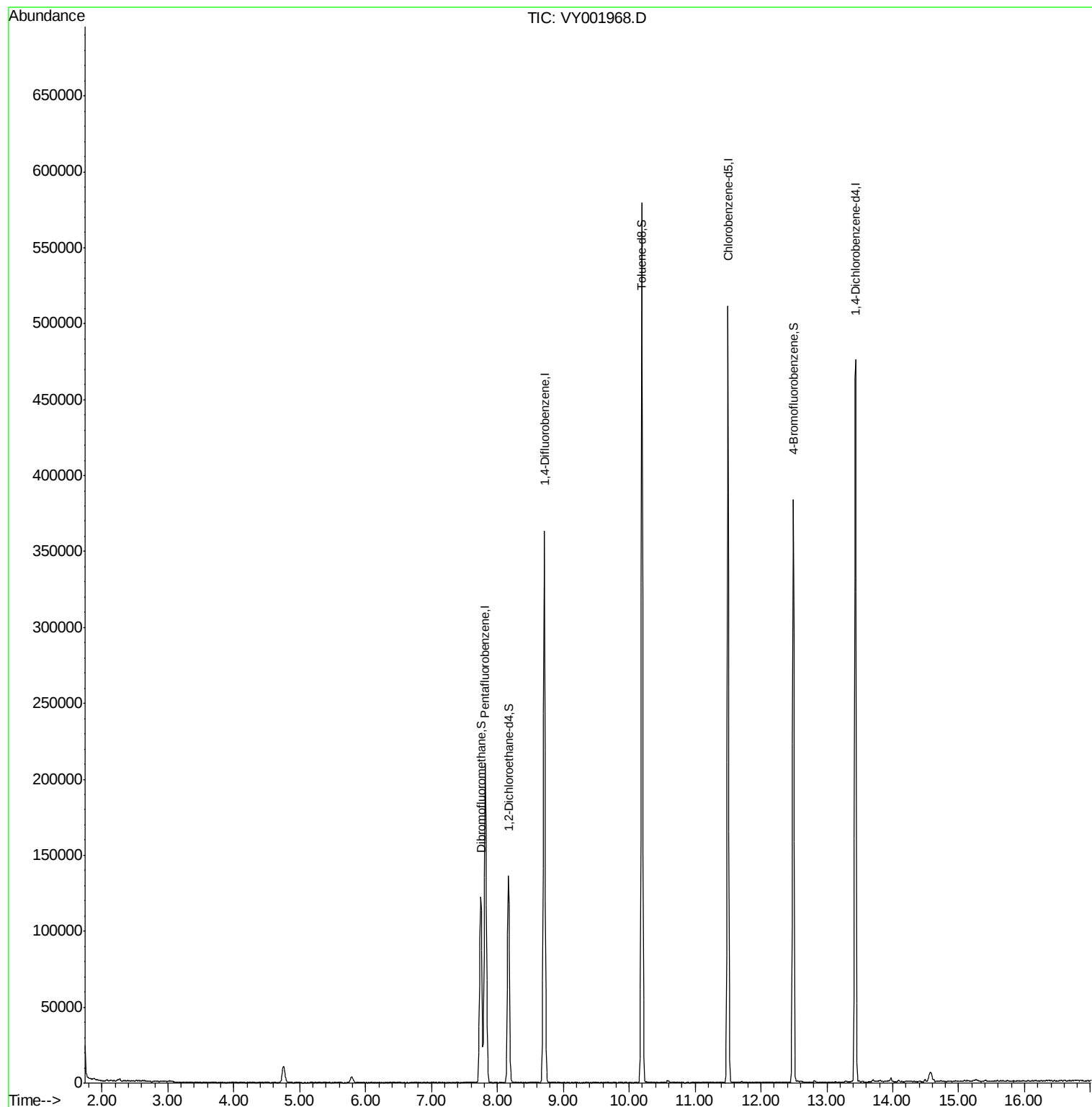
Target Compounds	Qvalue
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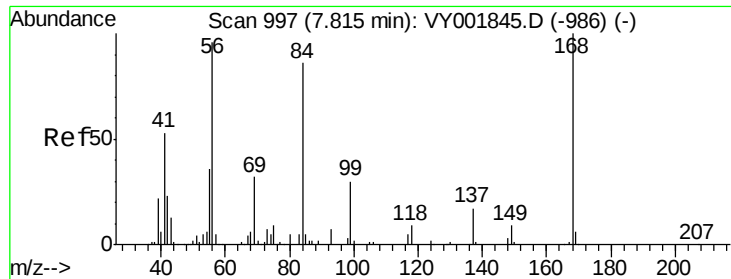
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031220\
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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: VY001968.D

Acq: 12 Mar 2020 20:32

Instrument :

MSVOA_Y

ClientSampleId :

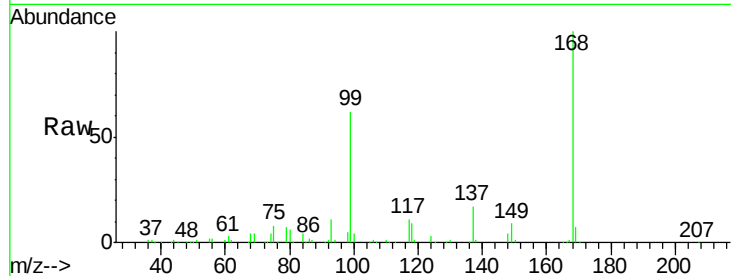
MK-031220-GRAB-DP

Tot Ion:168 Resp: 155908

Ion Ratio Lower Upper

168 100

99 62.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001968.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001968.D (-948) (-)

7.82

60000

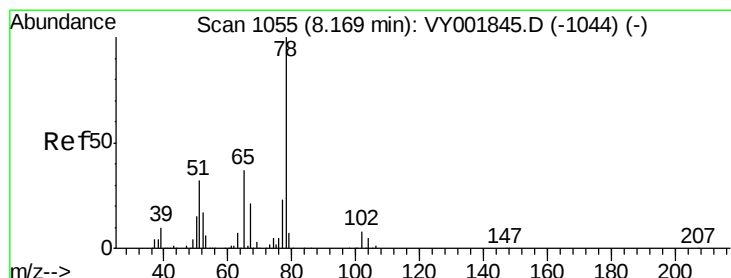
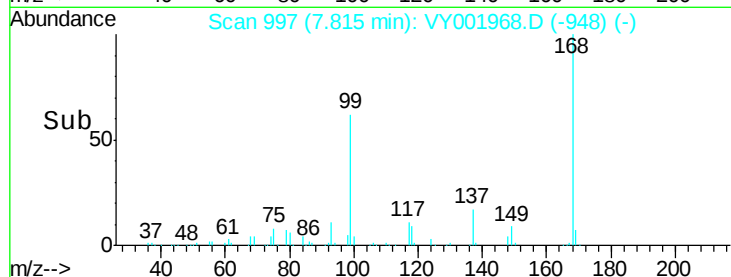
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.510 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001968.D

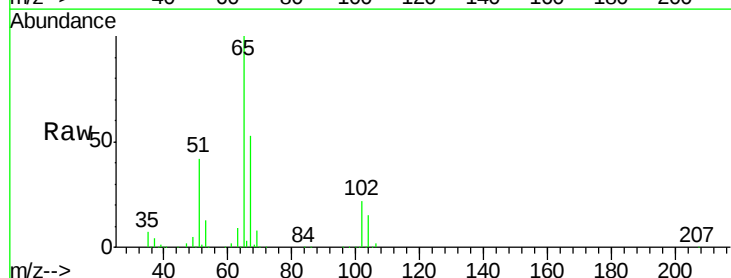
Acq: 12 Mar 2020 20:32

Tgt Ion: 65 Resp: 99050

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001968.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001968.D (-1006) (-)

8.17

50000

40000

30000

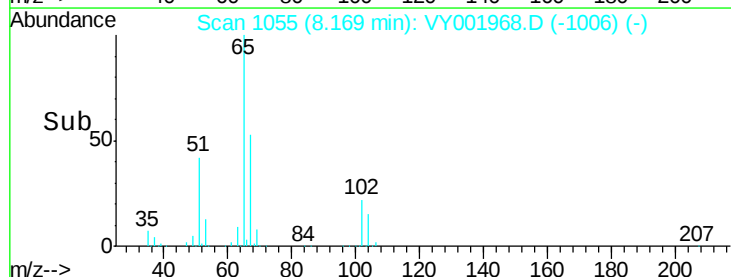
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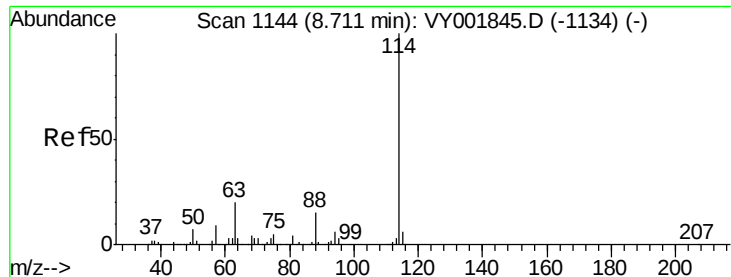
10000

0

8.05 8.10 8.15 8.20 8.25

Time-->

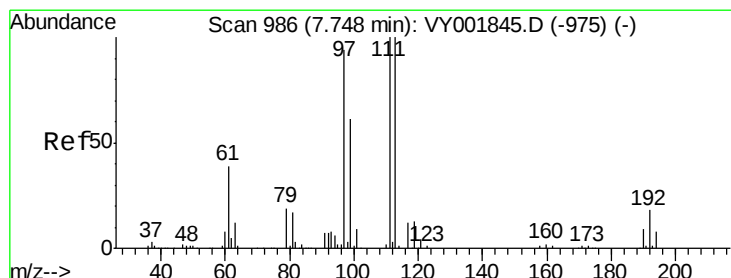
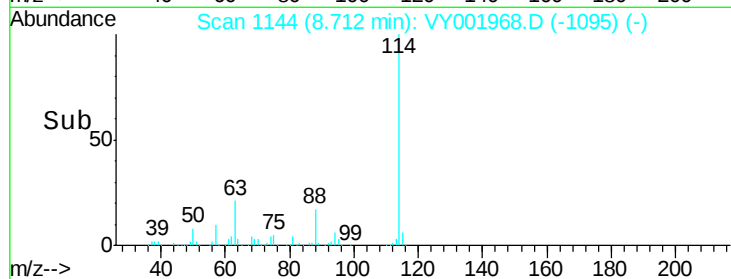
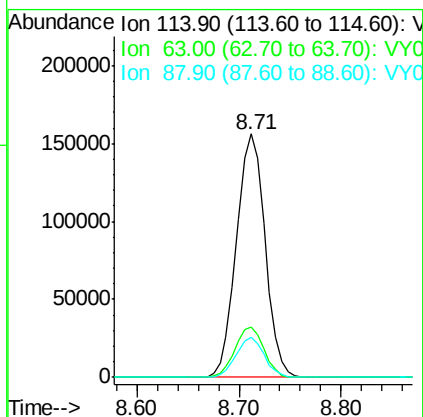
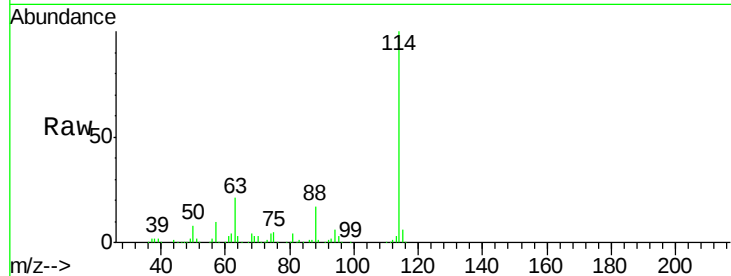




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001968.D
 Acq: 12 Mar 2020 20:32

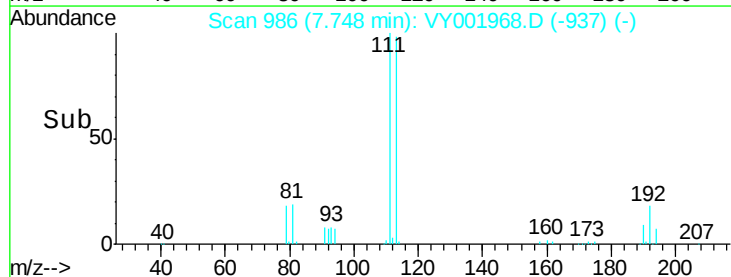
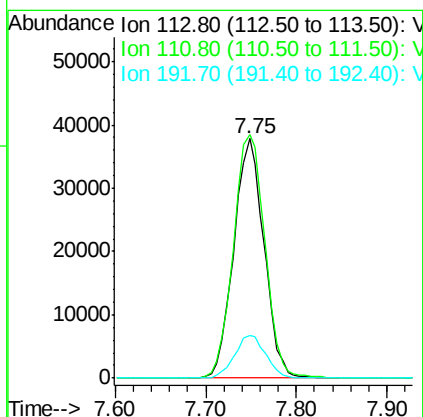
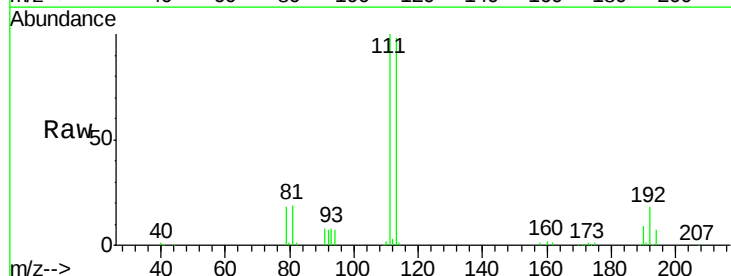
Instrument :
 MSVOA_Y
 ClientSampleId :
 MK-031220-GRAB-DP

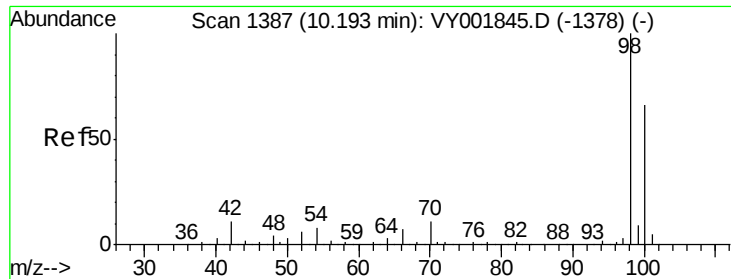
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	39.4
88	16.6	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 52.761 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY001968.D
 Acq: 12 Mar 2020 20:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	106.1	81.8	122.8
192	18.3	14.2	21.2





#50

Toluene-d8

Concen: 52.743 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001968.D

Acq: 12 Mar 2020 20:32

Instrument :

MSVOA_Y

ClientSampleId :

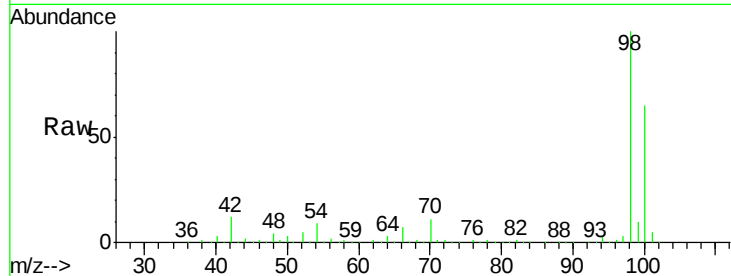
MK-031220-GRAB-DP

Tot Ion: 98 Resp: 368782

Ion Ratio Lower Upper

98 100

100 66.3 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

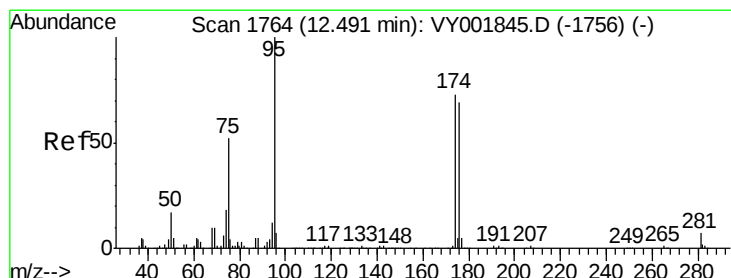
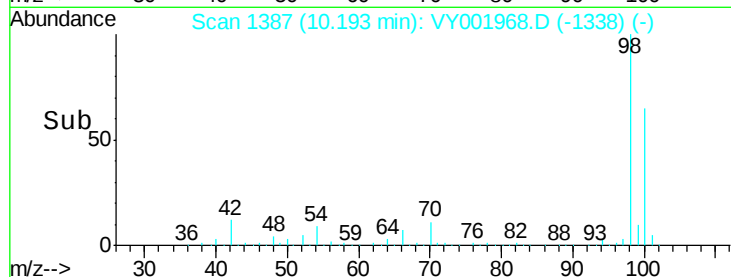
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.056 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001968.D

Acq: 12 Mar 2020 20:32

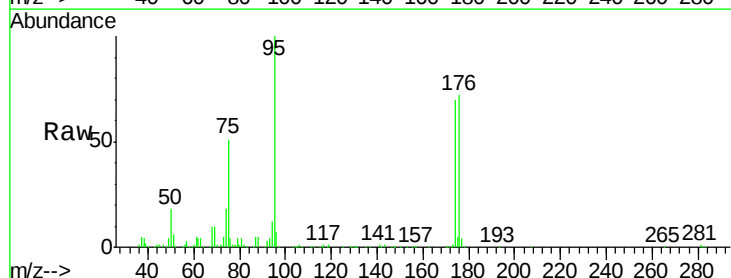
Tgt Ion: 95 Resp: 126561

Ion Ratio Lower Upper

95 100

174 70.9 0.0 145.0

176 68.4 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

100000

80000

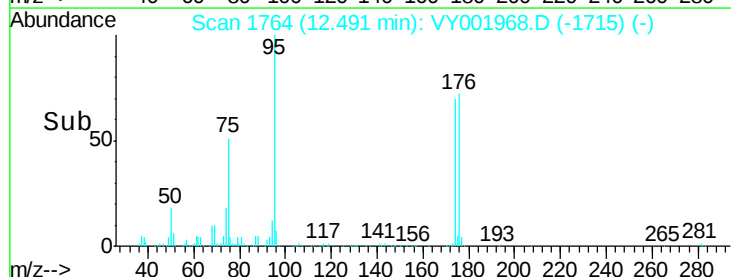
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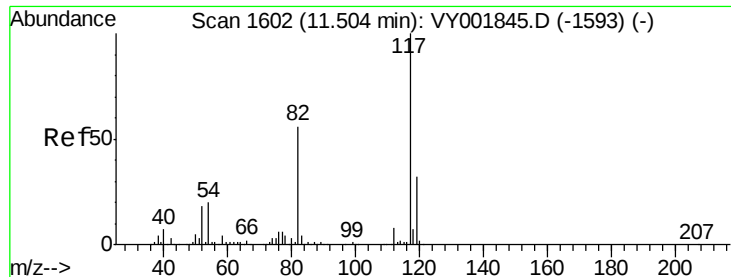
40000

20000

0

Time-->

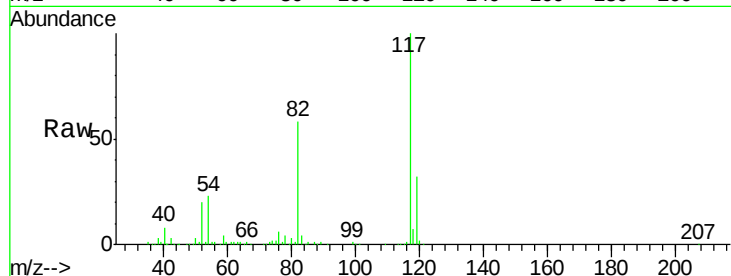




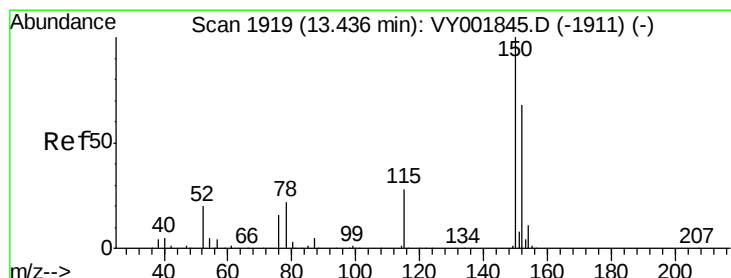
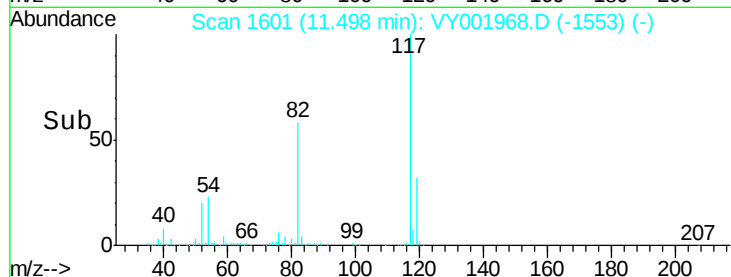
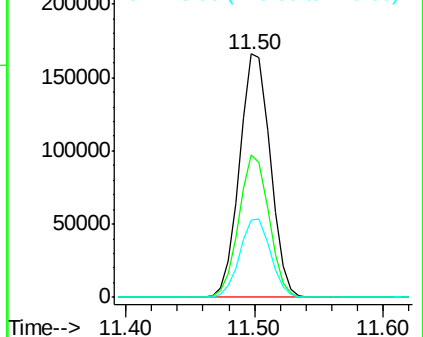
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001968.D
Acq: 12 Mar 2020 20:32

Instrument :
MSVOA_Y
ClientSampleId :
MK-031220-GRAB-DP

Tot Ion:117 Resp: 274368
Ion Ratio Lower Upper
117 100
82 58.3 44.5 66.7
119 31.9 25.7 38.5

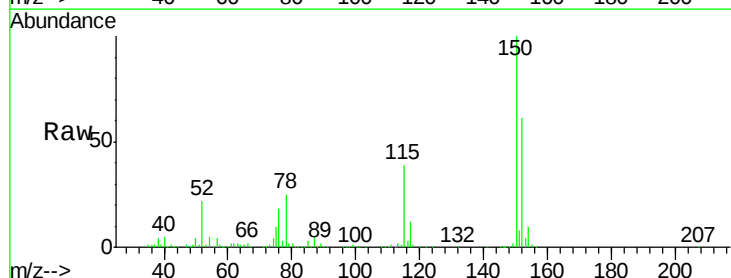


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001968.D
Acq: 12 Mar 2020 20:32

Tgt Ion:152 Resp: 115875
Ion Ratio Lower Upper
152 100
115 62.8 29.9 89.7
150 158.6 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

