

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
 Data File : VY002064.D
 Acq On : 25 Mar 2020 14:16
 Operator : SY/MD
 Sample : L1754-01RE
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-032420RE

Quant Time: Mar 26 07:32:34 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	145705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	283666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	249879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	97483	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	93869	60.35	ug/l	0.00
Spiked Amount						
			Recovery	=	120.70%	
35) Dibromofluoromethane	7.75	113	84273	54.41	ug/l	0.00
Spiked Amount						
			Recovery	=	108.82%	
50) Toluene-d8	10.20	98	341319	52.26	ug/l	0.00
Spiked Amount						
			Recovery	=	104.52%	
62) 4-Bromofluorobenzene	12.50	95	109290	48.12	ug/l	0.00
Spiked Amount						
			Recovery	=	96.24%	

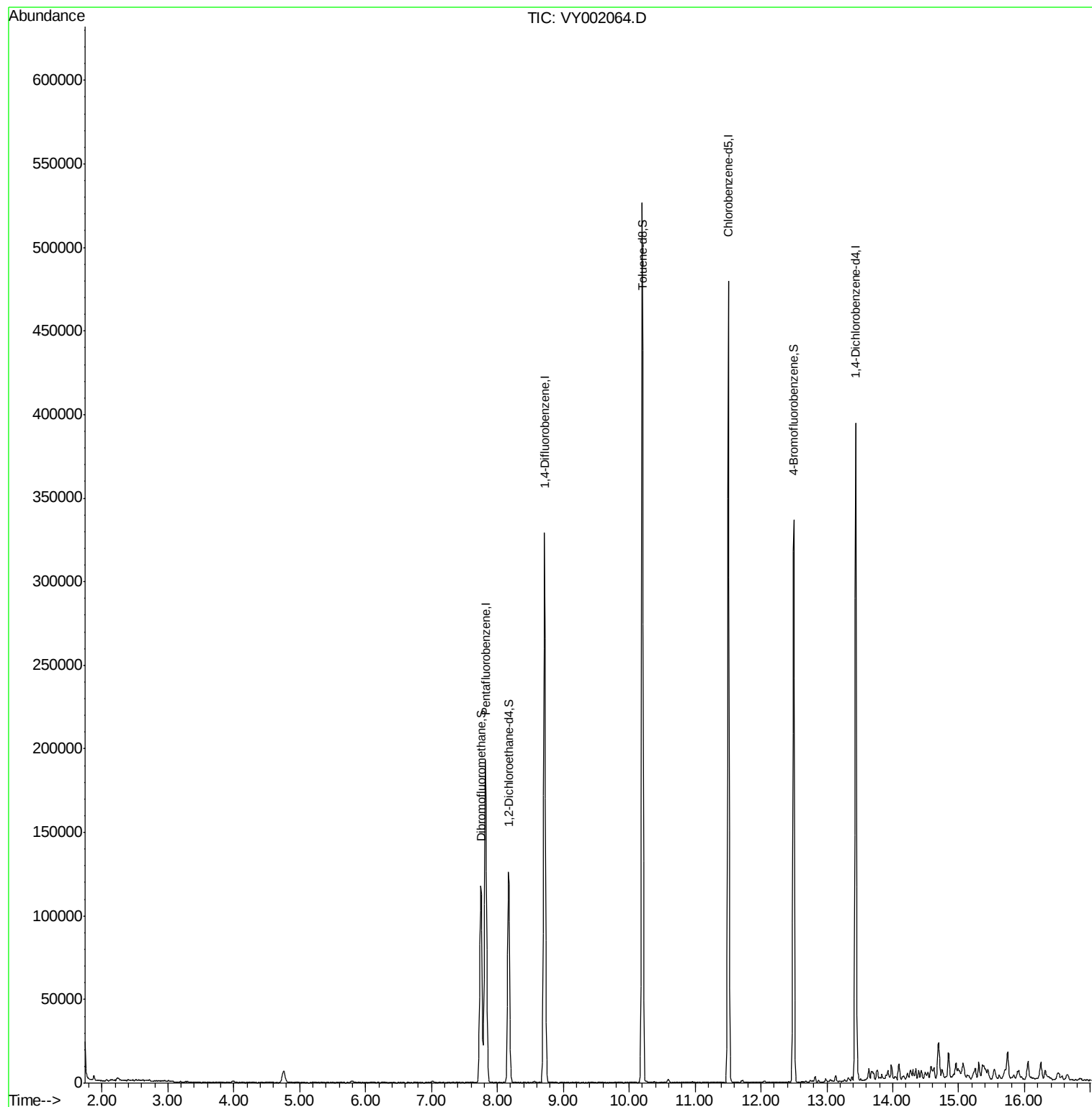
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002064.D

Acq: 25 Mar 2020 14:16

Instrument :

MSVOA_Y

ClientSampleId :

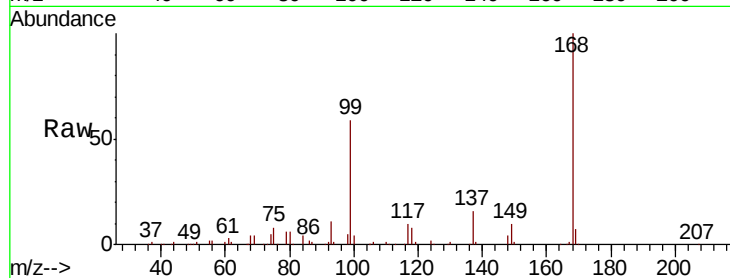
NB-08-032420RE

Tot Ion:168 Resp: 145705

Ion Ratio Lower Upper

168 100

99 58.8 46.7 70.1



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

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

7.82

60000

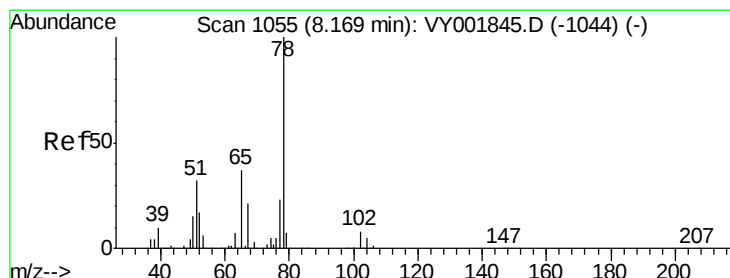
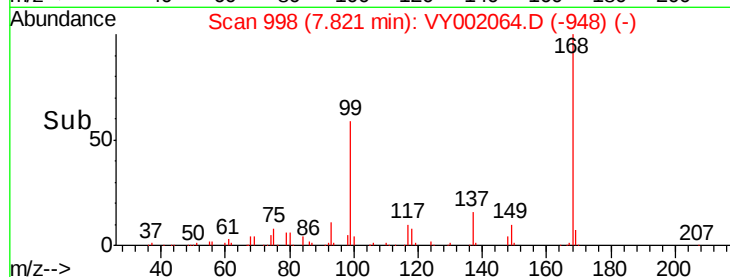
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.347 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY002064.D

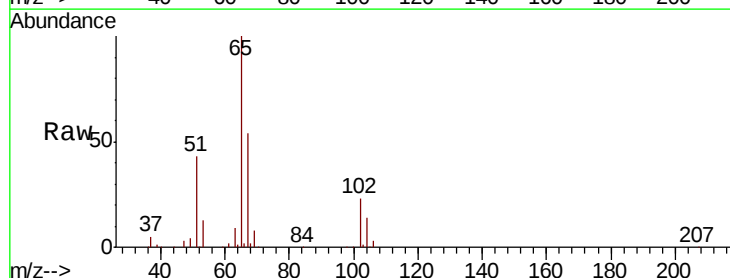
Acq: 25 Mar 2020 14:16

Tgt Ion: 65 Resp: 93869

Ion Ratio Lower Upper

65 100

67 54.1 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) (-)

8.17

50000

40000

30000

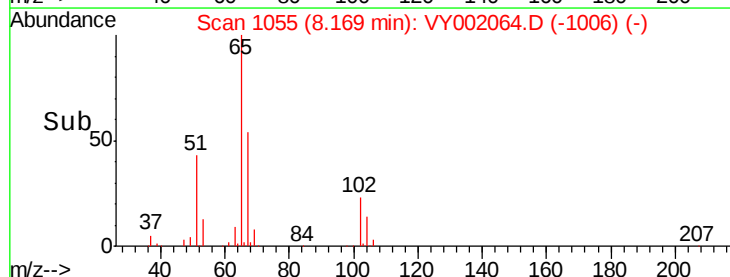
20000

10000

0

8.10 8.20 8.30

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY002064.D

Acq: 25 Mar 2020 14:16

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-032420RE

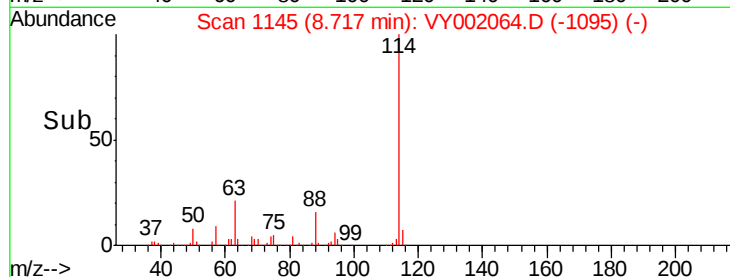
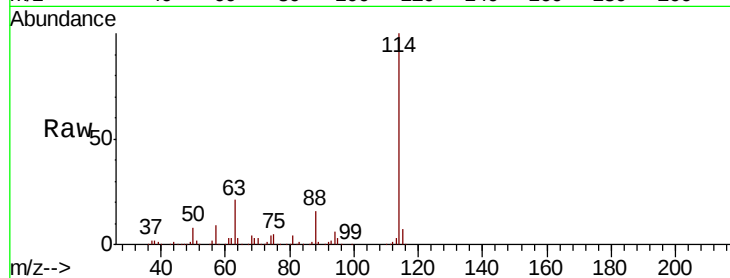
Tot Ion:114 Resp: 283666

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.4

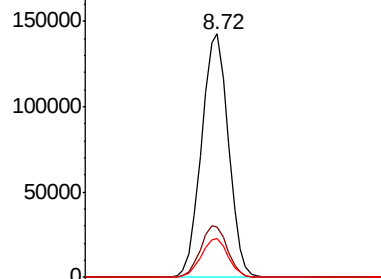
88 16.2 0.0 30.4



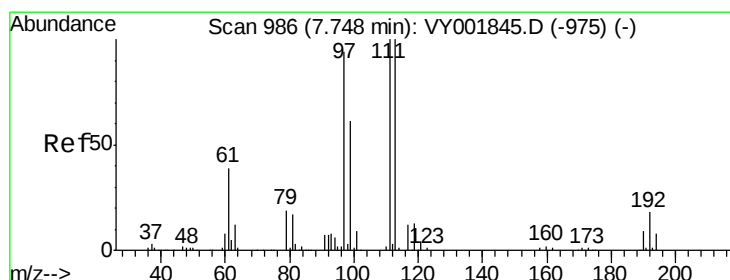
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



Time-->



#35

Dibromofluoromethane

Concen: 54.407 ug/l

RT: 7.75 min Scan# 986

Delta R.T. -0.00 min

Lab File: VY002064.D

Acq: 25 Mar 2020 14:16

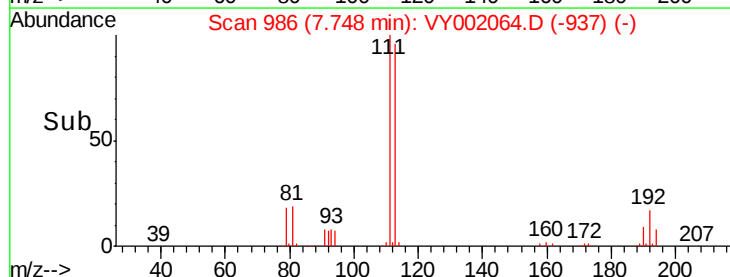
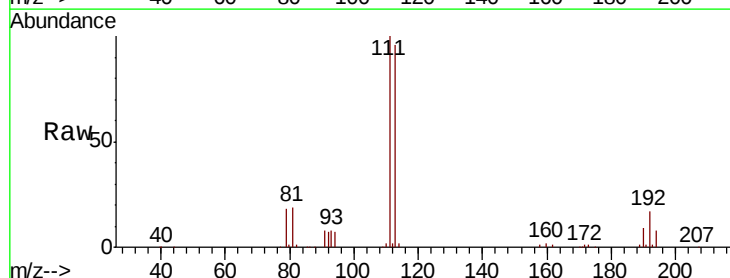
Tgt Ion:113 Resp: 84273

Ion Ratio Lower Upper

113 100

111 104.1 81.8 122.8

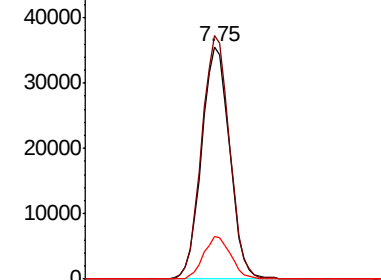
192 17.7 14.2 21.2



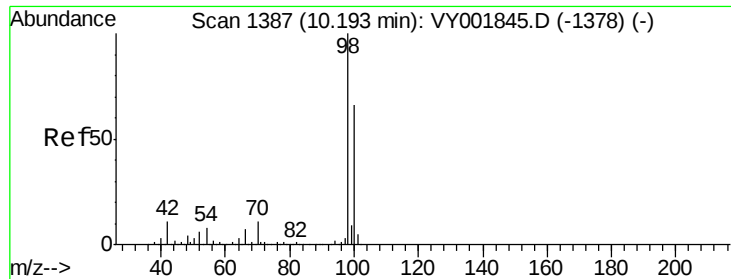
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->



#50

Toluene-d8

Concen: 52.256 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002064.D

Acq: 25 Mar 2020 14:16

Instrument :

MSVOA_Y

ClientSampleId :

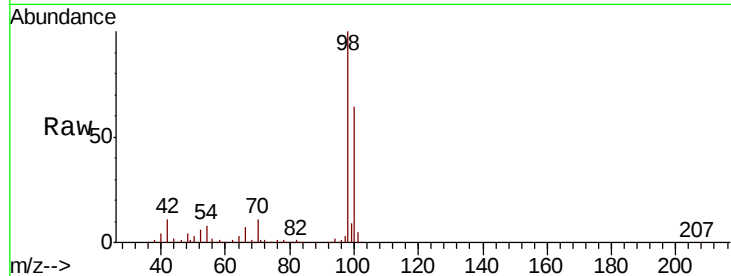
NB-08-032420RE

Tot Ion: 98 Resp: 341319

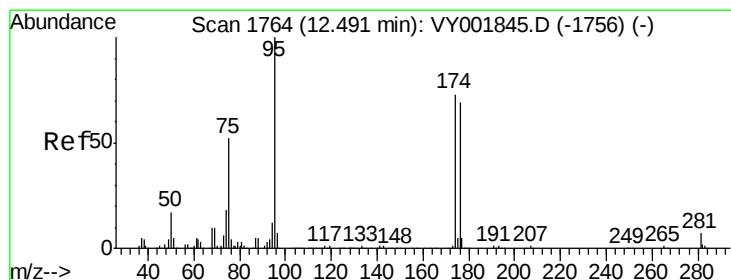
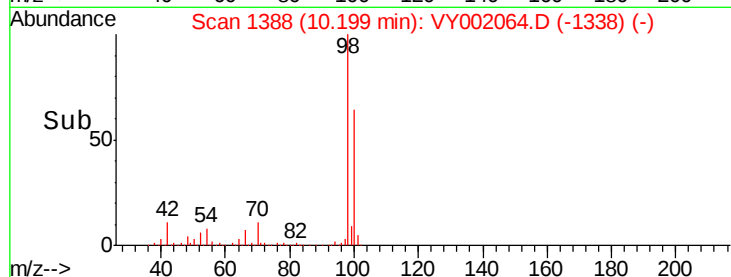
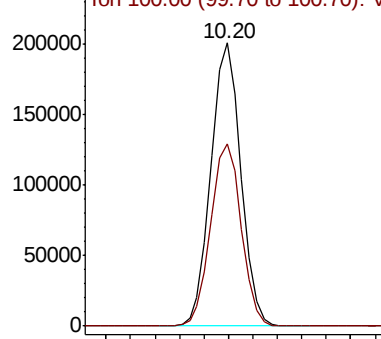
Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.4



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



#62

4-Bromofluorobenzene

Concen: 48.121 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY002064.D

Acq: 25 Mar 2020 14:16

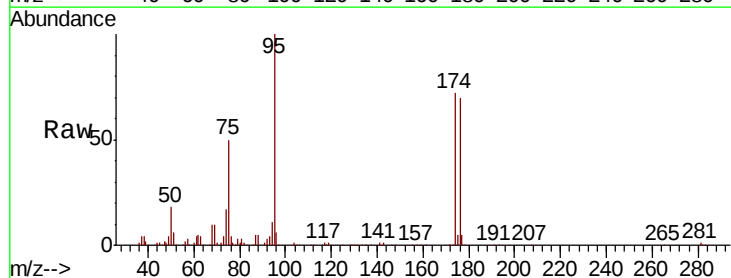
Tgt Ion: 95 Resp: 109290

Ion Ratio Lower Upper

95 100

174 72.3 0.0 145.0

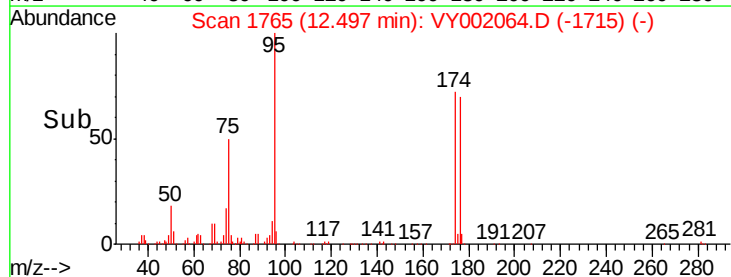
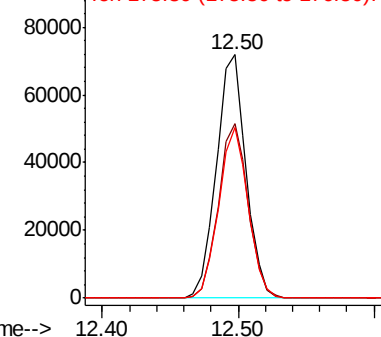
176 69.8 0.0 137.4

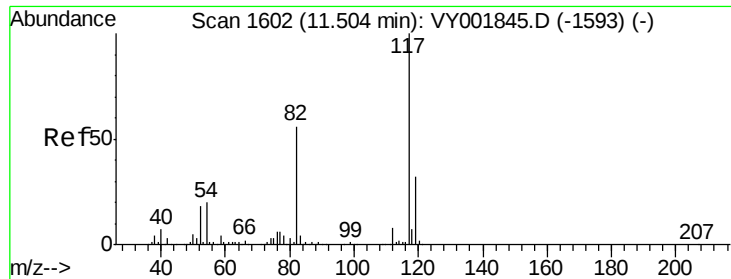


Abundance Ion 94.90 (94.60 to 95.60): VY001845.D (-1756) (-)

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

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

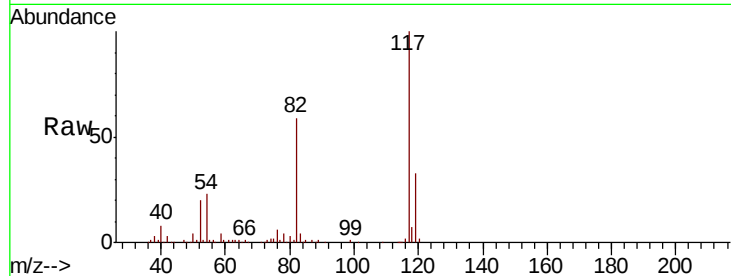




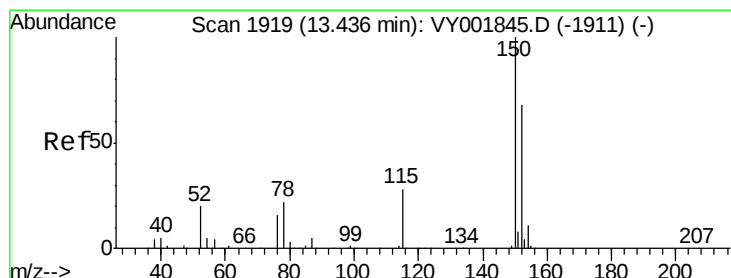
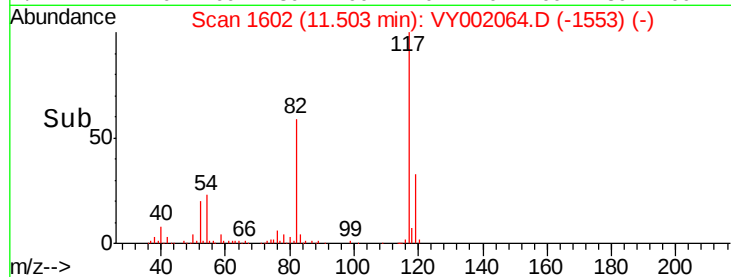
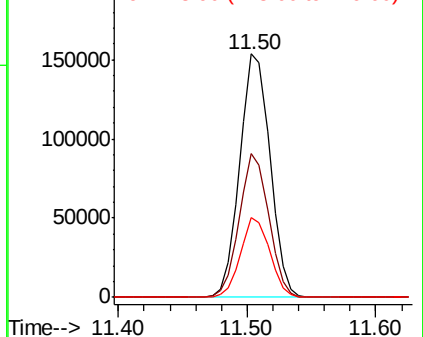
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY002064.D
Acq: 25 Mar 2020 14:16

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-032420RE

Tot Ion:117 Resp: 249879
Ion Ratio Lower Upper
117 100
82 59.2 44.5 66.7
119 32.5 25.7 38.5

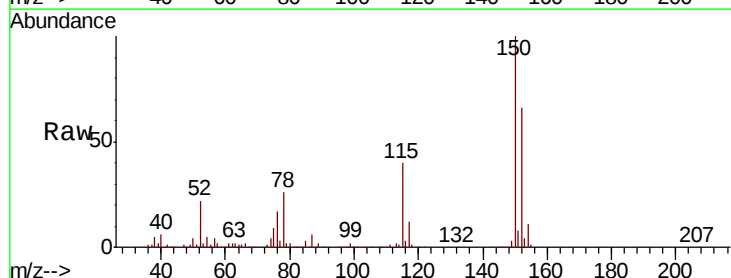


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY002064.D
Acq: 25 Mar 2020 14:16

Tgt Ion:152 Resp: 97483
Ion Ratio Lower Upper
152 100
115 60.8 29.9 89.7
150 155.1 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

