

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
 Data File : VY002079.D
 Acq On : 25 Mar 2020 19:51
 Operator : SY/MD
 Sample : L2042-03
 Misc : 5.06G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-5.5-6.0

Quant Time: Mar 26 08:41:31 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	127271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	251654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	231775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	99402	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.18	65	82187	60.49	ug/l	0.00
Spiked Amount			Recovery	=	120.98%	
35) Dibromofluoromethane	7.75	113	75050	54.62	ug/l	0.00
Spiked Amount			Recovery	=	109.24%	
50) Toluene-d8	10.20	98	308461	53.23	ug/l	0.00
Spiked Amount			Recovery	=	106.46%	
62) 4-Bromofluorobenzene	12.50	95	103932	51.58	ug/l	0.00
Spiked Amount			Recovery	=	103.16%	

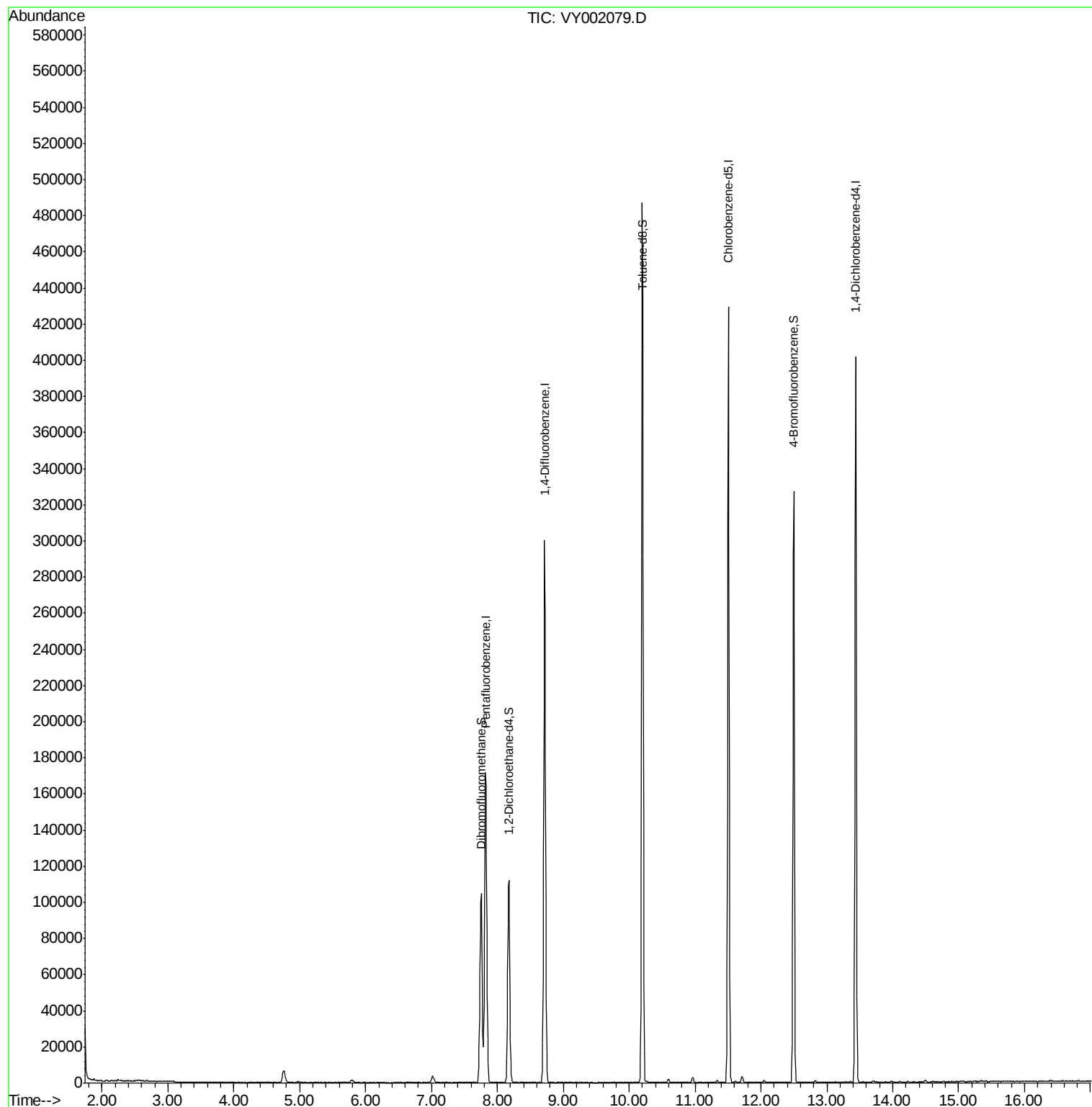
Target Compounds	Qvalue
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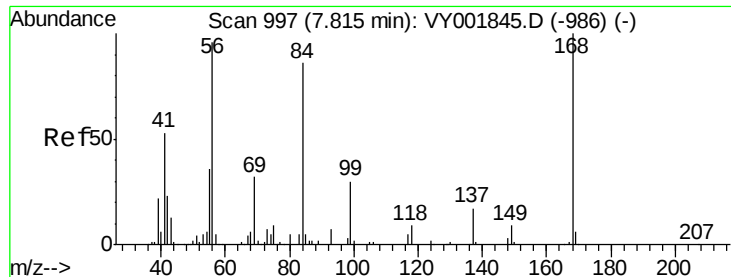
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

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Instrument :

MSVOA_Y

ClientSampleId :

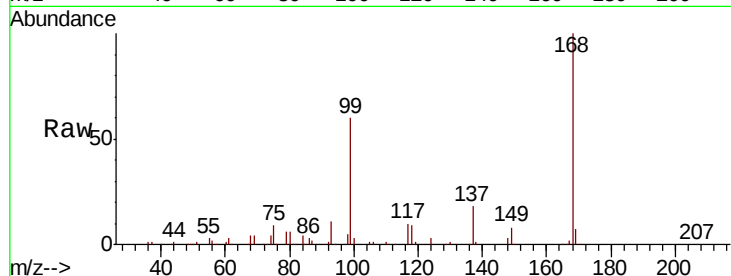
SB-03-5.5-6.0

Tot Ion:168 Resp: 127271

Ion Ratio Lower Upper

168 100

99 59.8 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

50000

40000

30000

20000

10000

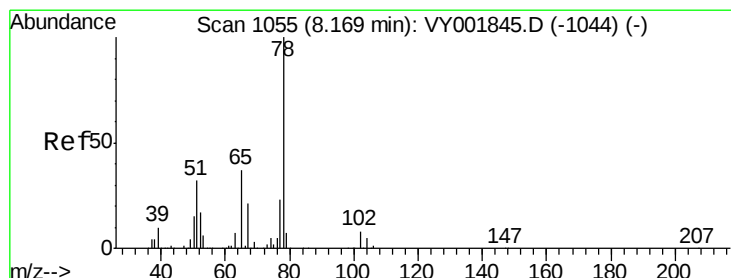
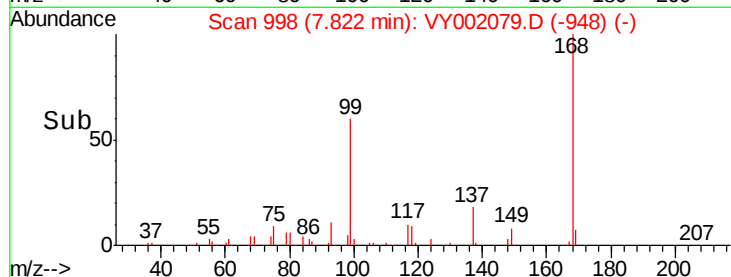
0

Time-->

7.70

7.80

7.90



#33

1,2-Dichloroethane-d4

Concen: 60.489 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY002079.D

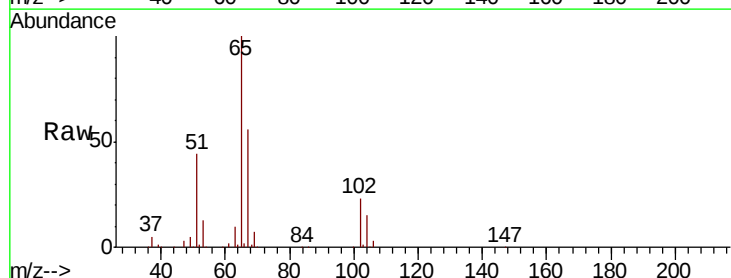
Acq: 25 Mar 2020 19:51

Tgt Ion: 65 Resp: 82187

Ion Ratio Lower Upper

65 100

67 55.7 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) (-)

8.18

40000

30000

20000

10000

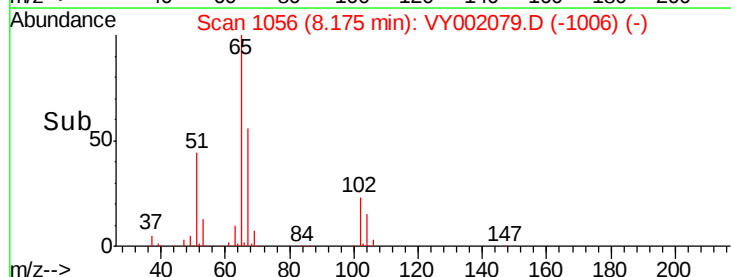
0

Time-->

8.10

8.20

8.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY002079.D

Acq: 25 Mar 2020 19:51

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-5.5-6.0

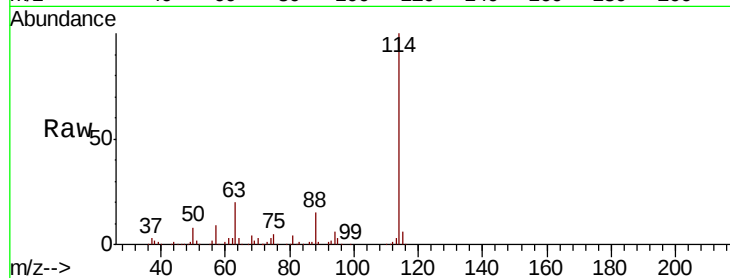
Tot Ion:114 Resp: 251654

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.4

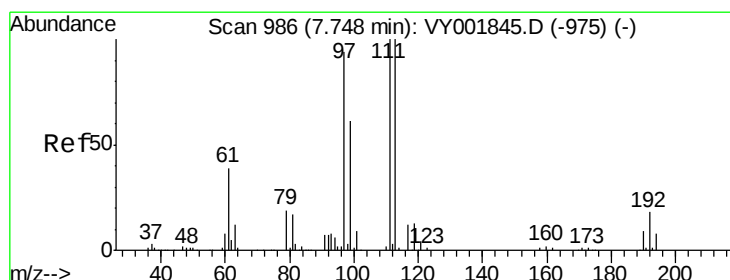
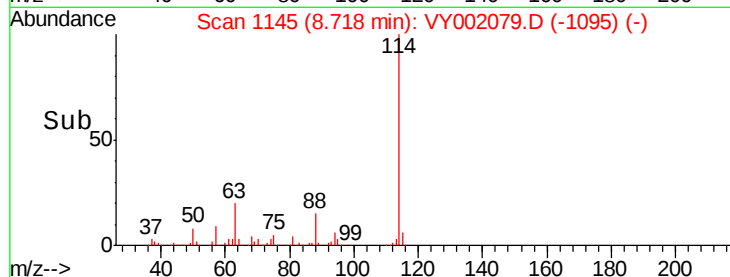
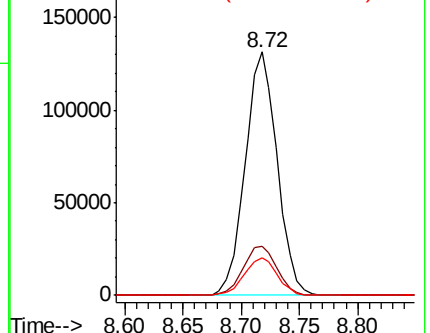
88 15.4 0.0 30.4



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: 54.616 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY002079.D

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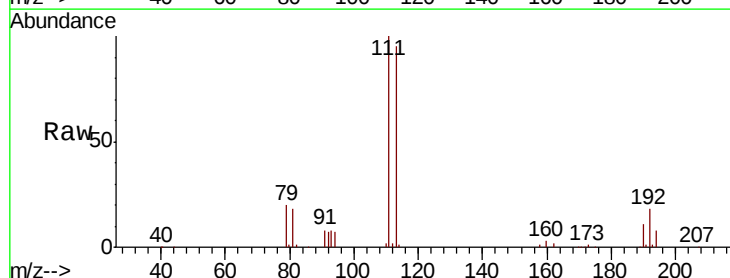
Tgt Ion:113 Resp: 75050

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

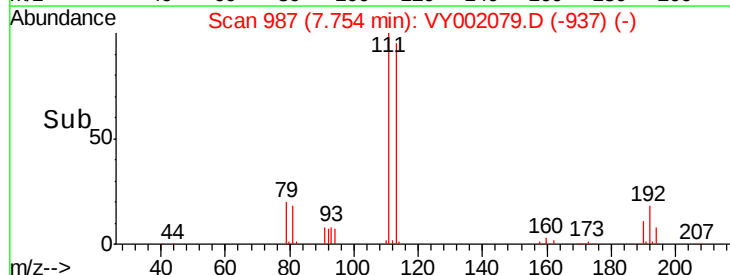
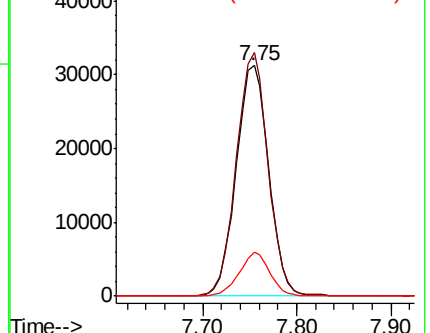
192 17.6 14.2 21.2

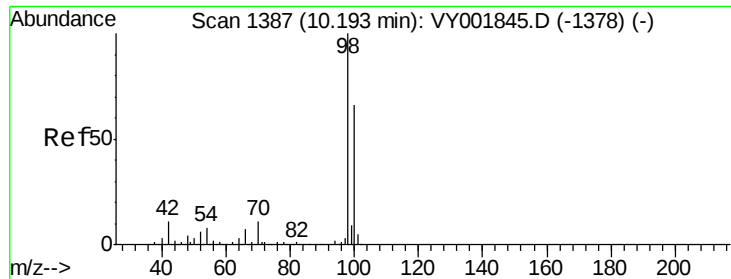


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.233 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002079.D

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ClientSampleId :

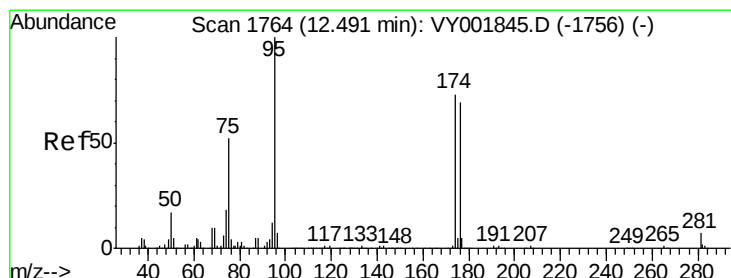
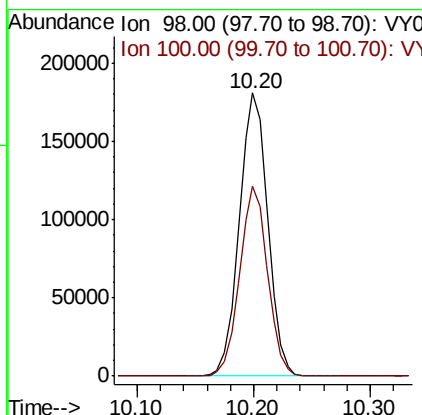
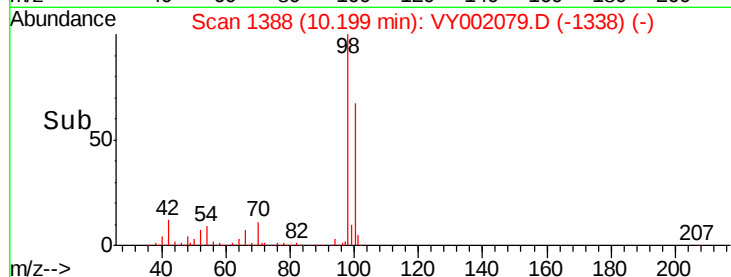
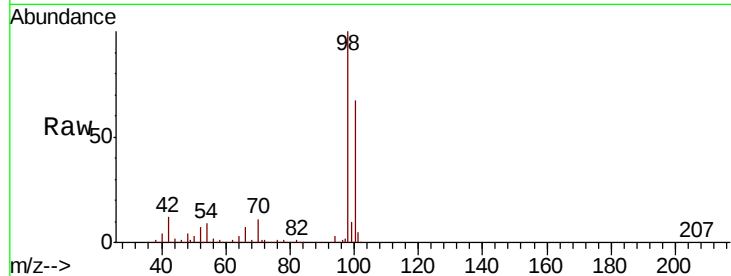
SB-03-5.5-6.0

Tot Ion: 98 Resp: 308461

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 51.584 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY002079.D

Acq: 25 Mar 2020 19:51

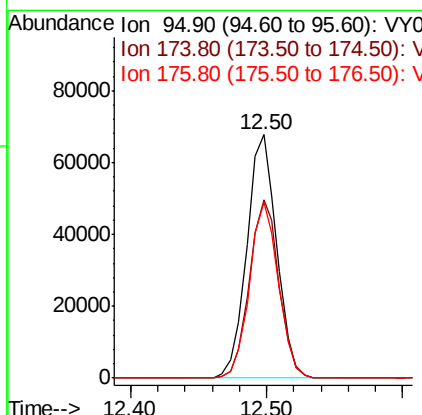
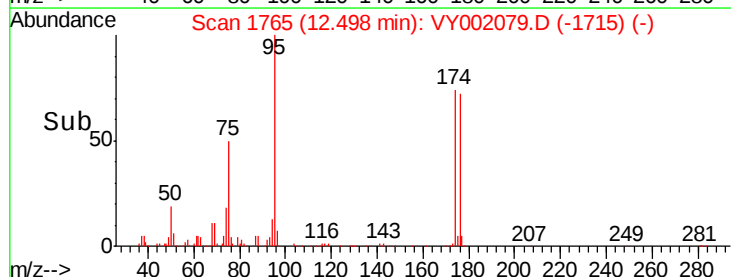
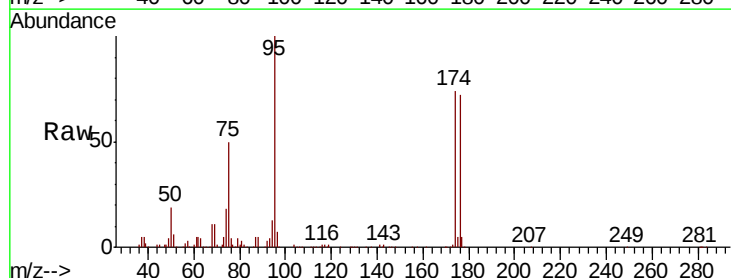
Tgt Ion: 95 Resp: 103932

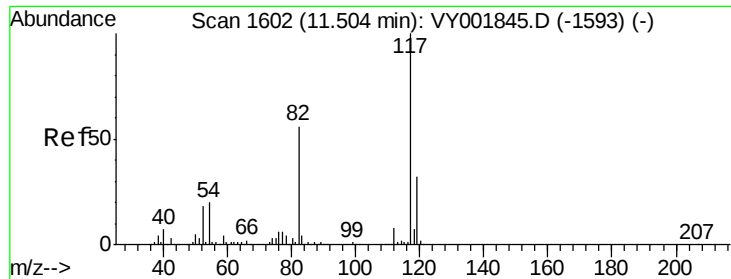
Ion Ratio Lower Upper

95 100

174 72.8 0.0 145.0

176 70.3 0.0 137.4

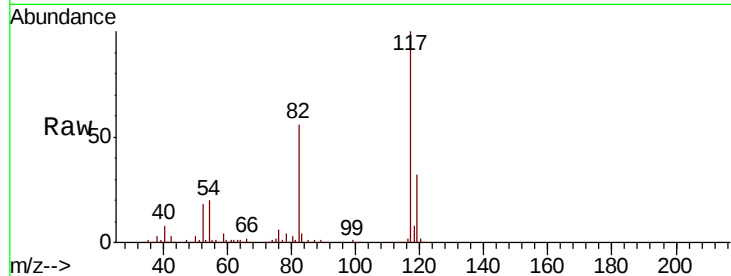




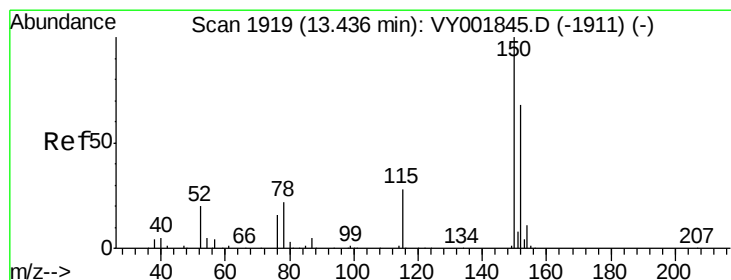
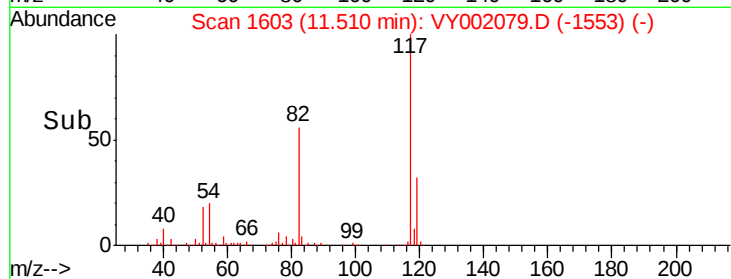
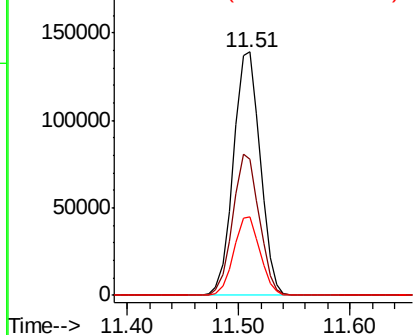
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY002079.D
Acq: 25 Mar 2020 19:51

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-5.5-6.0

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.5	66.7
119	32.2	25.7	38.5

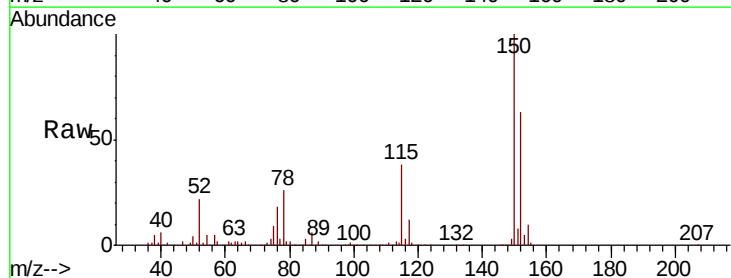


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY002079.D
Acq: 25 Mar 2020 19:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.2	29.9	89.7
150	157.4	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

