

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032720\
 Data File : VY002103.D
 Acq On : 27 Mar 2020 14:24
 Operator : SY/MD
 Sample : L2017-03
 Misc : 5.73G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FE-SB-29-(5.5-6)

Quant Time: Mar 30 04:10:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	122952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	241472	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	224701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	99186	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	78773	57.96	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	115.92%	
35) Dibromofluoromethane	7.73	113	71836	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
50) Toluene-d8	10.18	98	295864	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
62) 4-Bromofluorobenzene	12.48	95	100959	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	

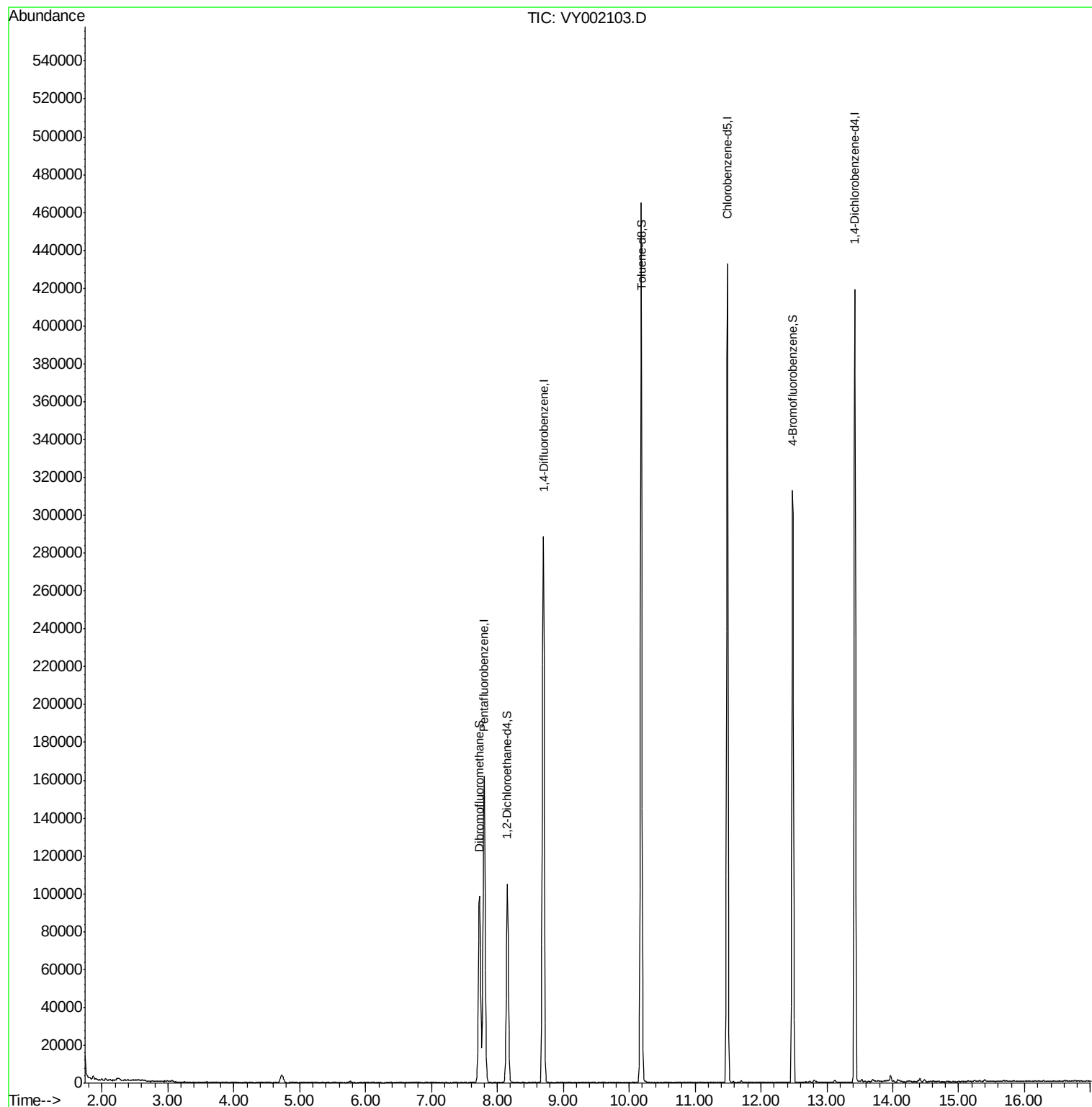
Target Compounds	Qvalue

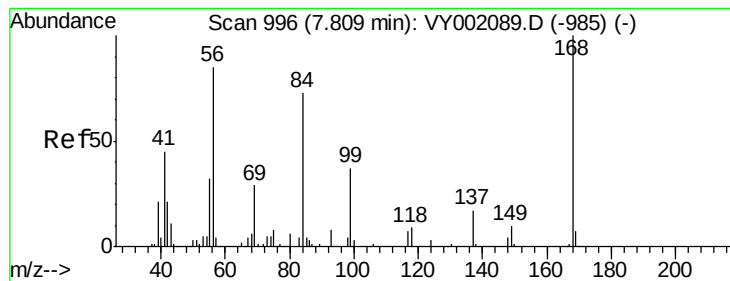
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002103.D

Acq: 27 Mar 2020 14:24

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MSVOA_Y

ClientSampleId :

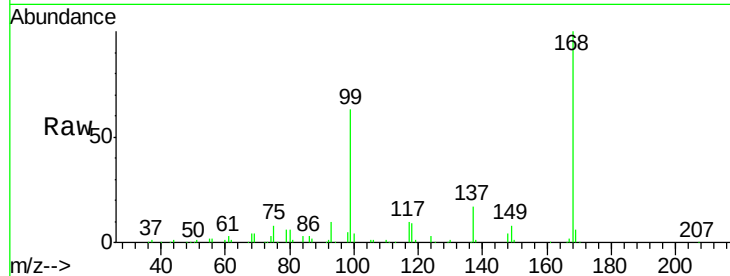
FE-SB-29-(5.5-6)

Tot Ion:168 Resp: 122952

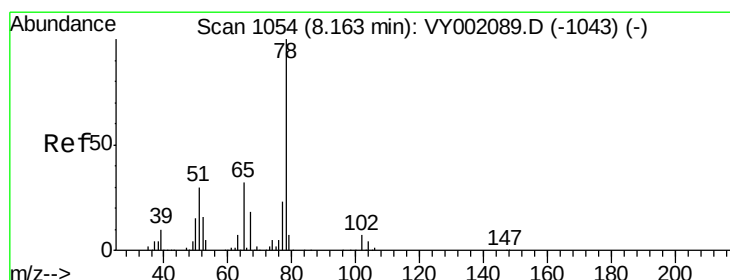
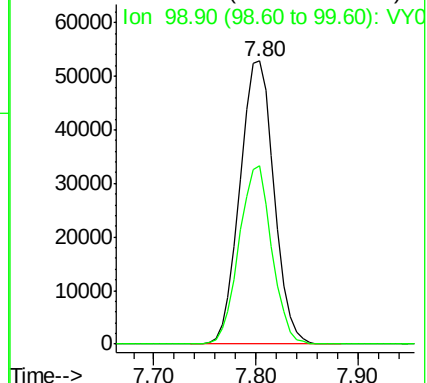
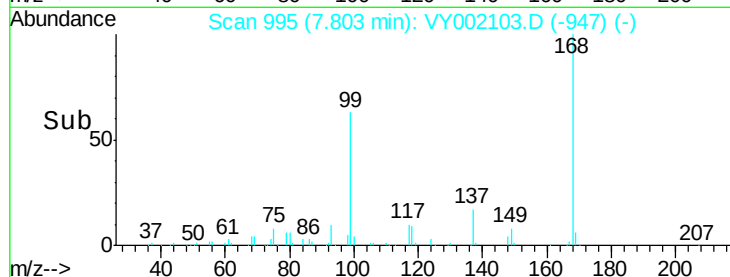
Ion Ratio Lower Upper

168 100

99 63.2 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002103.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 57.955 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002103.D

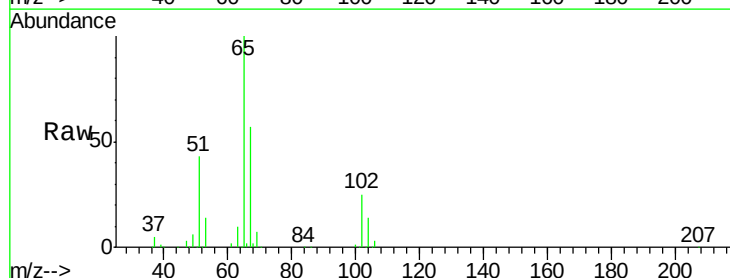
Acq: 27 Mar 2020 14:24

Tgt Ion: 65 Resp: 78773

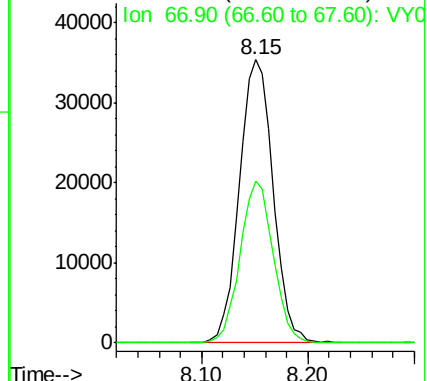
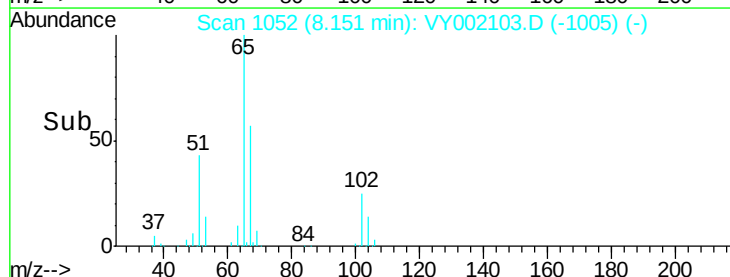
Ion Ratio Lower Upper

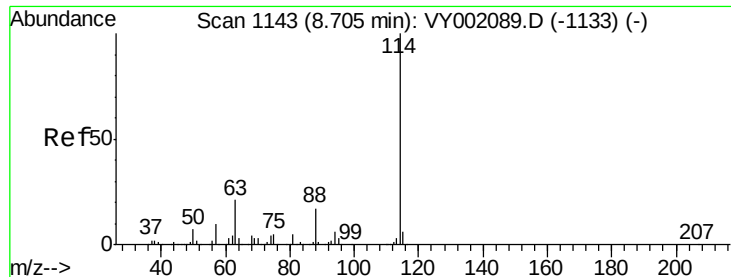
65 100

67 56.1 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002103.D (-1005) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002103.D

Acq: 27 Mar 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

FE-SB-29-(5.5-6)

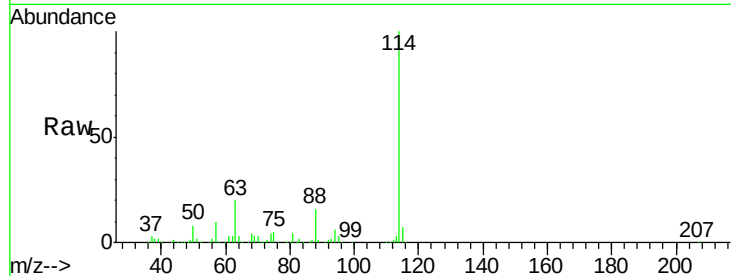
Tot Ion:114 Resp: 241472

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

88 15.8 0.0 33.0



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

150000

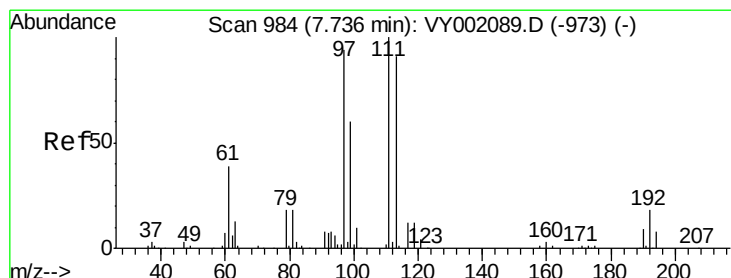
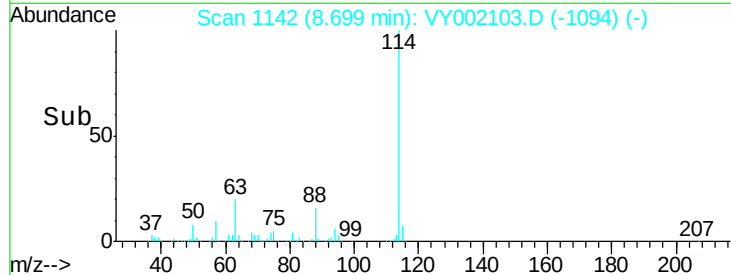
100000

50000

0

8.60 8.70 8.80

Time-->



#35

Dibromofluoromethane

Concen: 53.094 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002103.D

Acq: 27 Mar 2020 14:24

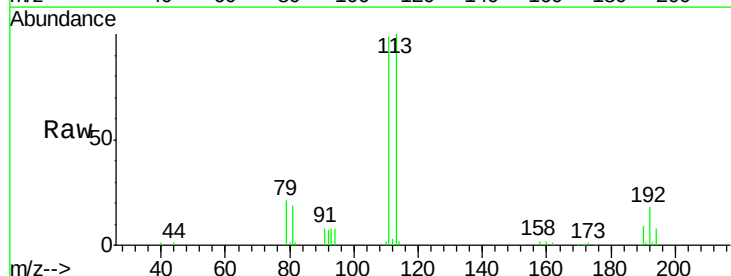
Tgt Ion:113 Resp: 71836

Ion Ratio Lower Upper

113 100

111 101.9 84.4 126.6

192 17.4 14.6 21.8



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

40000

30000

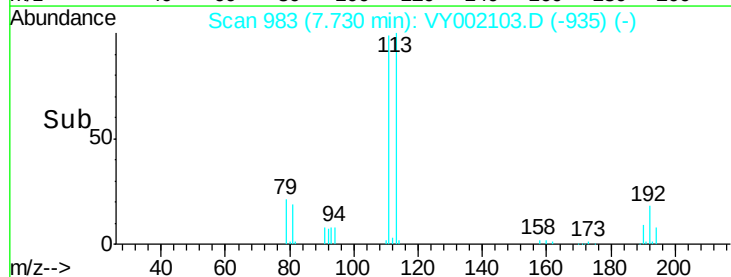
20000

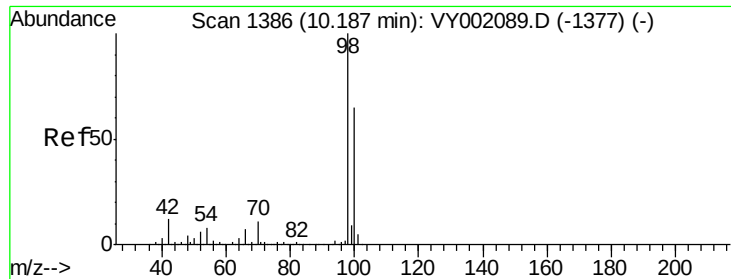
10000

0

7.60 7.70 7.80

Time-->





#50

Toluene-d8

Concen: 52.638 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002103.D

Acq: 27 Mar 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

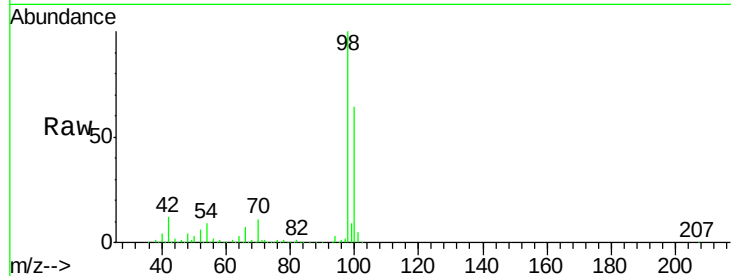
FE-SB-29-(5.5-6)

Tot Ion: 98 Resp: 295864

Ion Ratio Lower Upper

98 100

100 64.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.18

200000

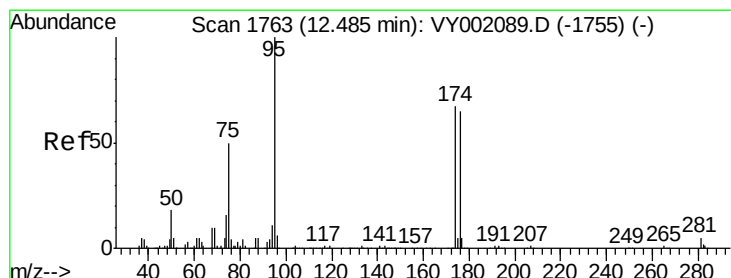
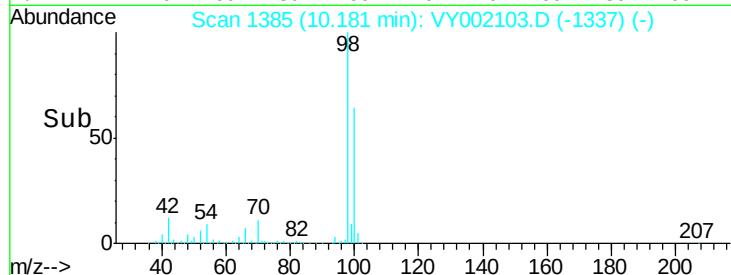
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.359 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002103.D

Acq: 27 Mar 2020 14:24

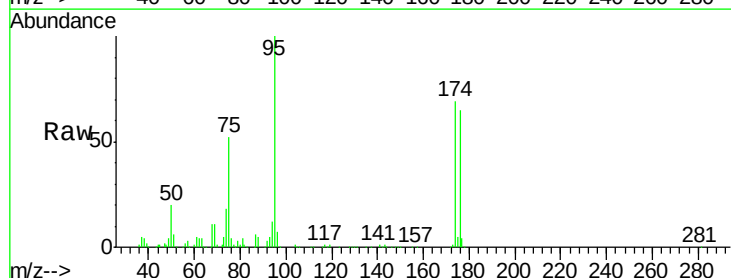
Tgt Ion: 95 Resp: 100959

Ion Ratio Lower Upper

95 100

174 72.9 0.0 143.4

176 70.0 0.0 137.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

12.48

80000

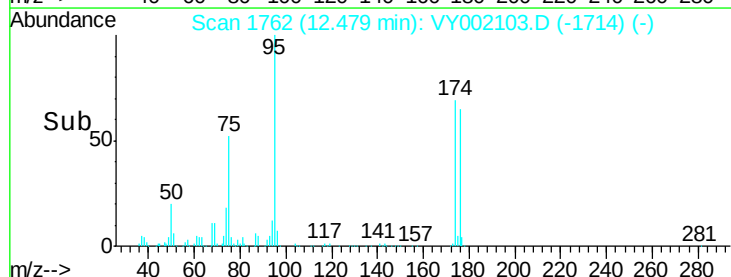
60000

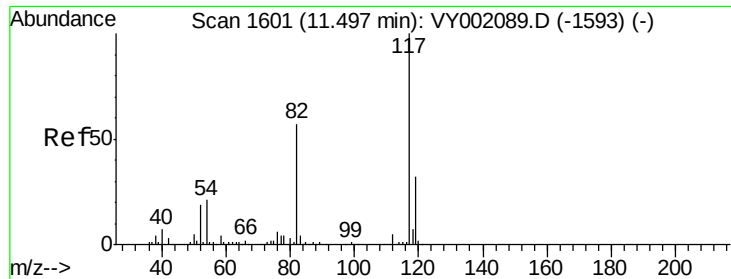
40000

20000

0

Time-->

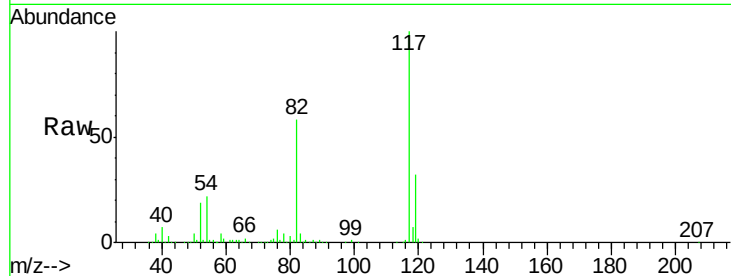




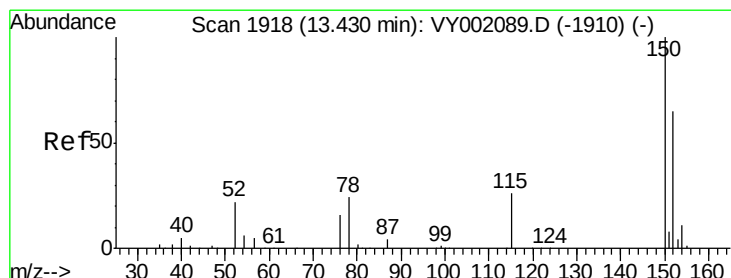
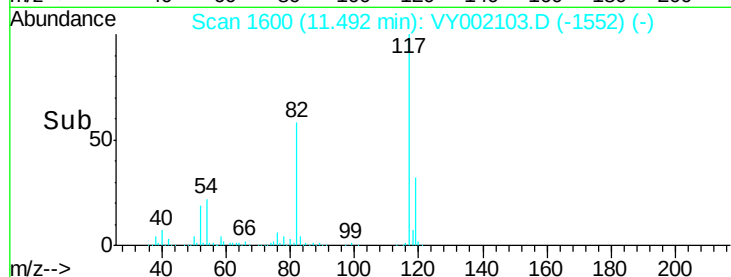
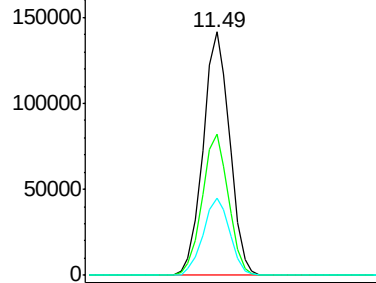
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002103.D
Acq: 27 Mar 2020 14:24

Instrument :
MSVOA_Y
ClientSampleId :
FE-SB-29-(5.5-6)

Tot Ion:117 Resp: 224701
Ion Ratio Lower Upper
117 100
82 57.9 45.4 68.2
119 31.9 25.3 37.9

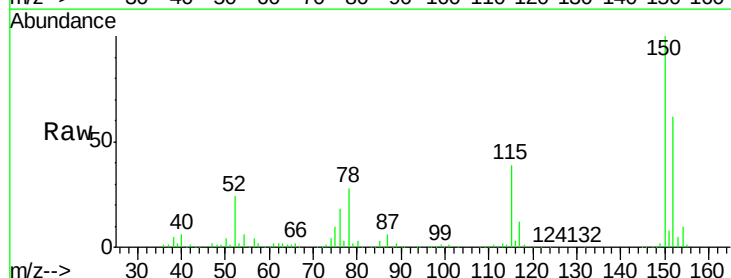


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002103.D
Acq: 27 Mar 2020 14:24

Tgt Ion:152 Resp: 99186
Ion Ratio Lower Upper
152 100
115 61.6 31.2 93.6
150 159.4 0.0 354.8



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

