

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122719\
 Data File : VY001100.D
 Acq On : 27 Dec 2019 16:06
 Operator : SY/MD
 Sample : K6431-02
 Misc : 5.31G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-(4-5)

Quant Time: Dec 28 04:37:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	230910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	425747	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	389772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	173765	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	123466	54.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.42%	
35) Dibromofluoromethane	7.73	113	123530	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	10.18	98	500525	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.48	95	162087	45.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.50%	

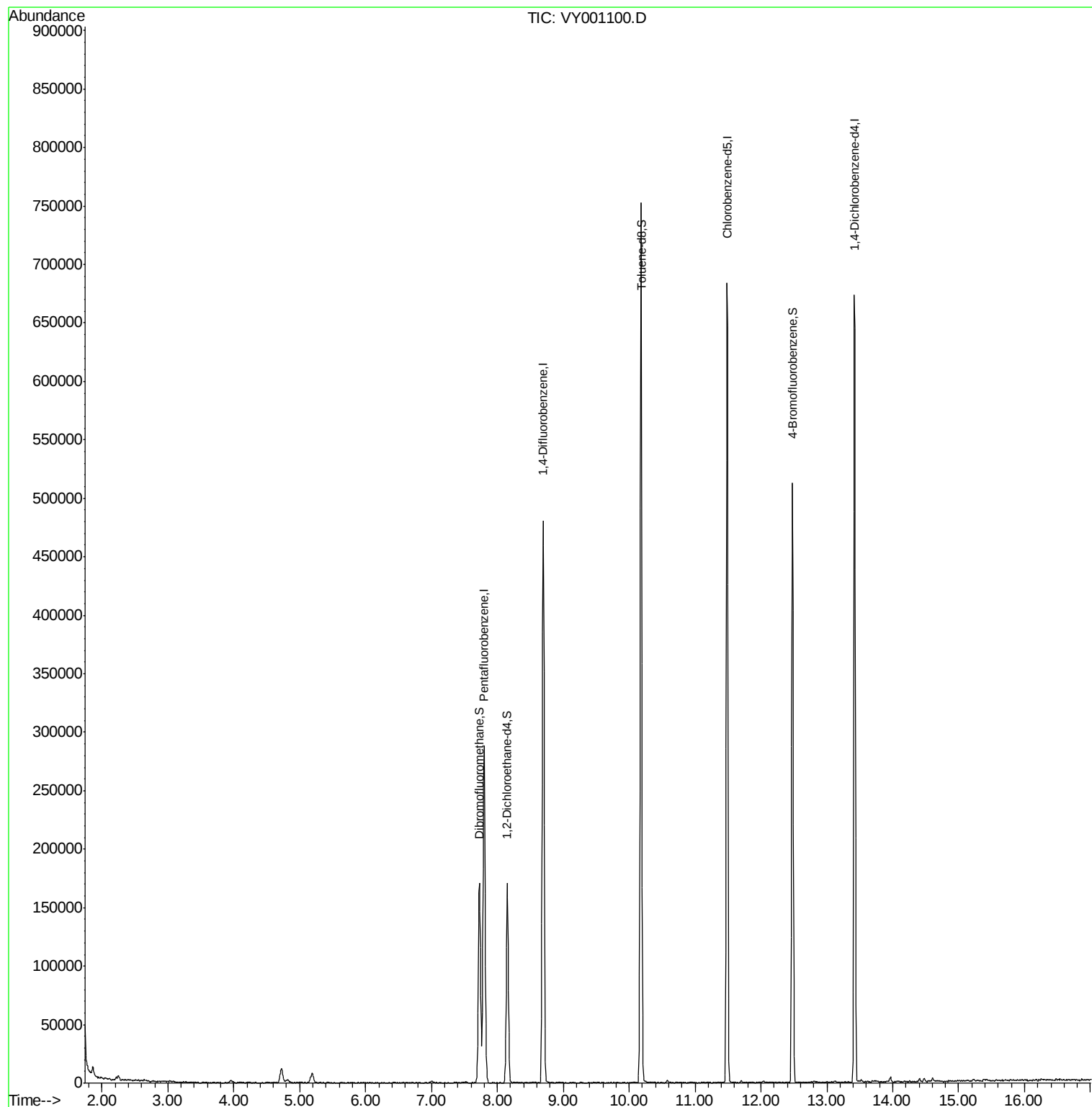
Target Compounds	Qvalue

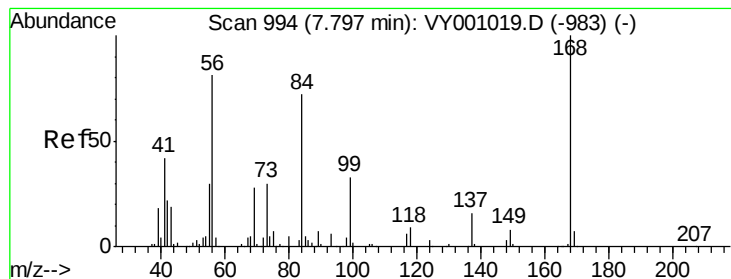
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001100.D

Acq: 27 Dec 2019 16:06

Instrument :

MSVOA_Y

ClientSampleId :

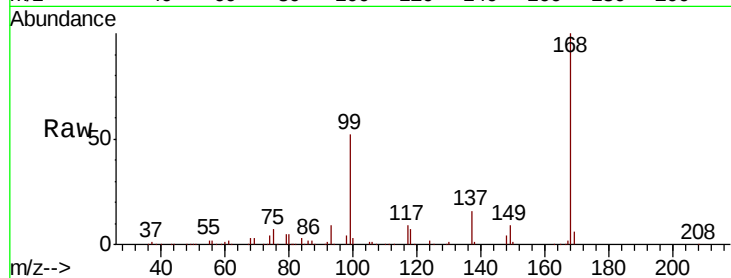
SB-5-(4-5)

Tot Ion:168 Resp: 230910

Ion Ratio Lower Upper

168 100

99 51.7 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001100.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY001100.D (-945) (-)

7.80

100000

80000

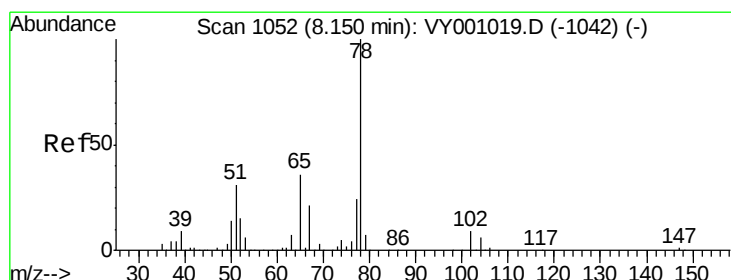
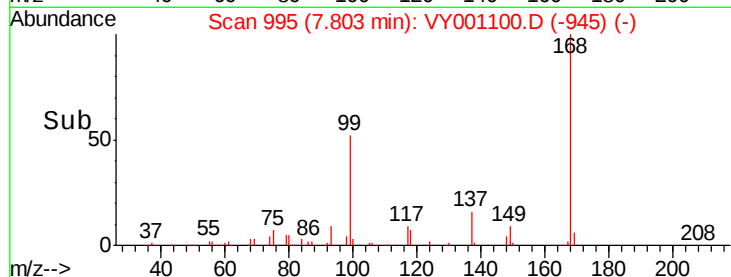
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.213 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001100.D

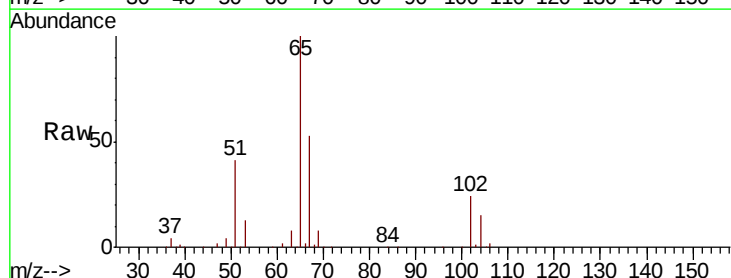
Acq: 27 Dec 2019 16:06

Tgt Ion: 65 Resp: 123466

Ion Ratio Lower Upper

65 100

67 56.4 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY001100.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY001100.D (-1003) (-)

8.15

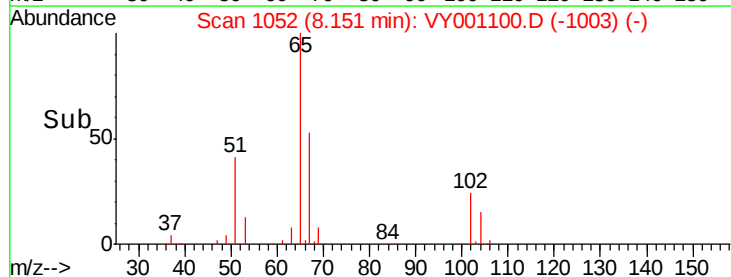
60000

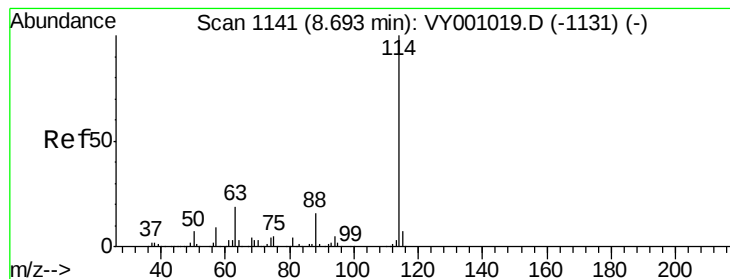
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001100.D

Acq: 27 Dec 2019 16:06

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-(4-5)

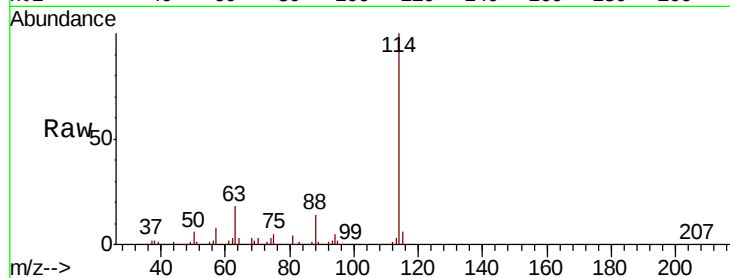
Tot Ion:114 Resp: 425747

Ion Ratio Lower Upper

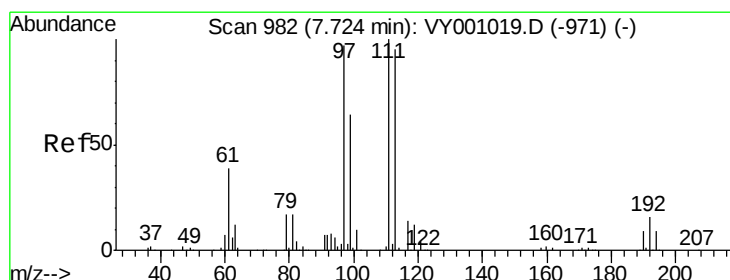
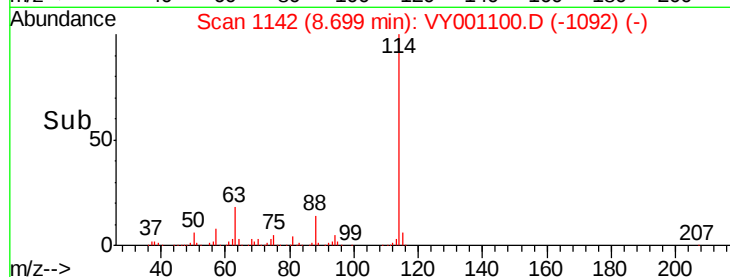
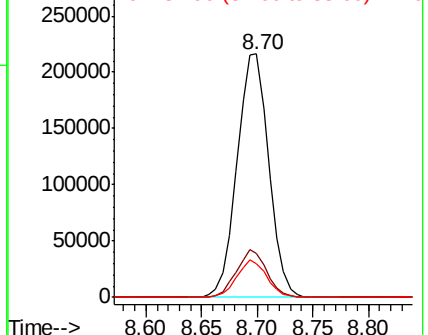
114 100

63 17.9 0.0 37.0

88 13.8 0.0 32.0



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



#35

Dibromofluoromethane

Concen: 49.273 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001100.D

Acq: 27 Dec 2019 16:06

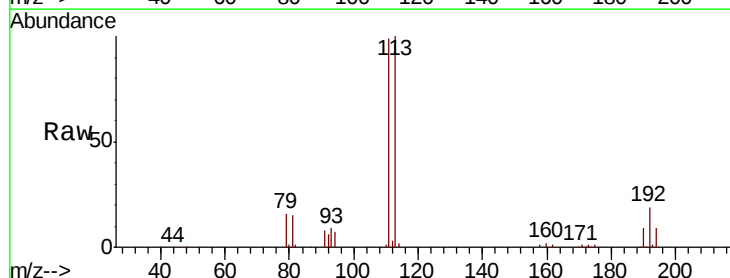
Tgt Ion:113 Resp: 123530

Ion Ratio Lower Upper

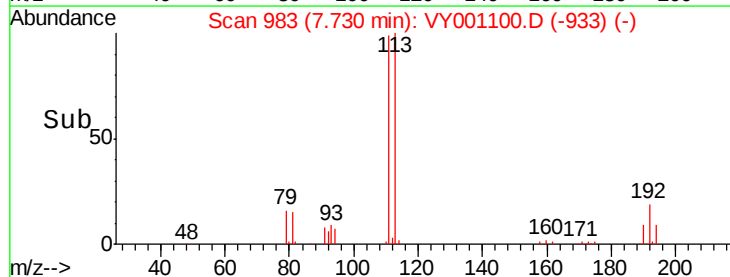
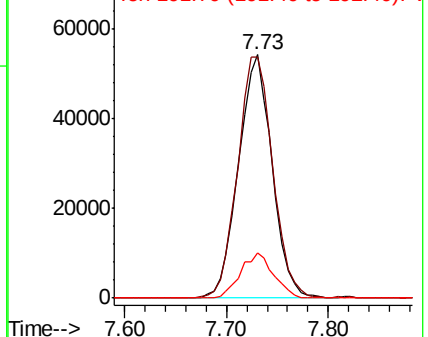
113 100

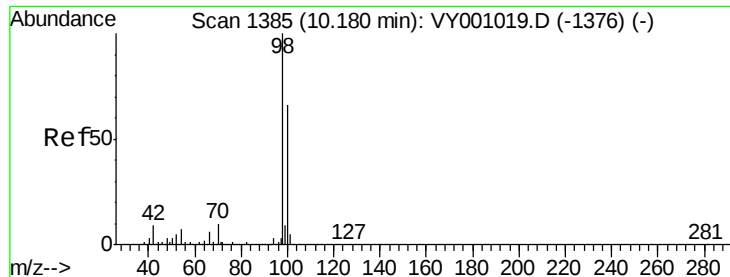
111 104.0 83.0 124.4

192 18.4 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





#50

Toluene-d8

Concen: 51.087 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001100.D

Acq: 27 Dec 2019 16:06

Instrument :

MSVOA_Y

ClientSampleId :

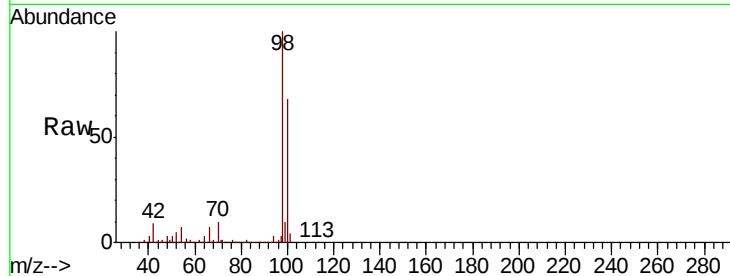
SB-5-(4-5)

Tot Ion: 98 Resp: 500525

Ion Ratio Lower Upper

98 100

100 67.1 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

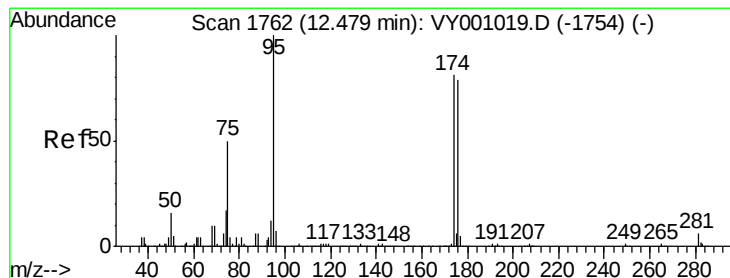
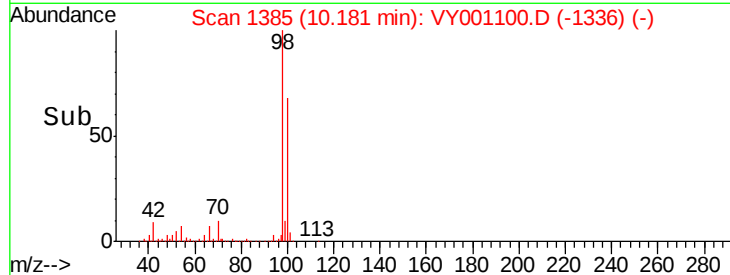
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.249 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001100.D

Acq: 27 Dec 2019 16:06

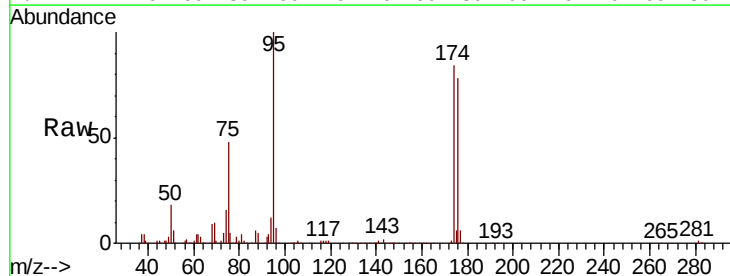
Tgt Ion: 95 Resp: 162087

Ion Ratio Lower Upper

95 100

174 81.6 0.0 156.4

176 77.4 0.0 155.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

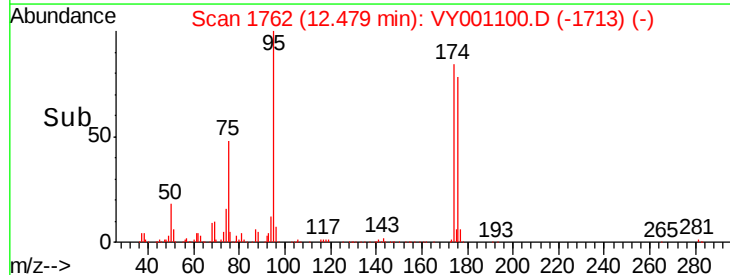
12.48

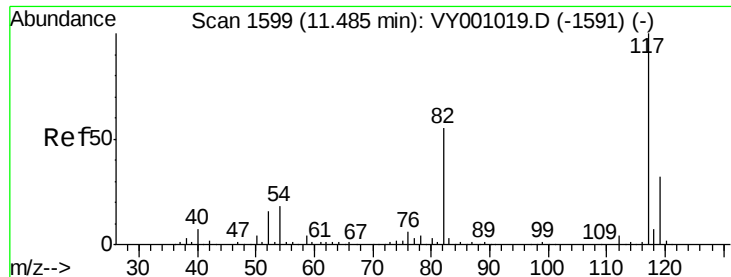
100000

50000

0

Time-->

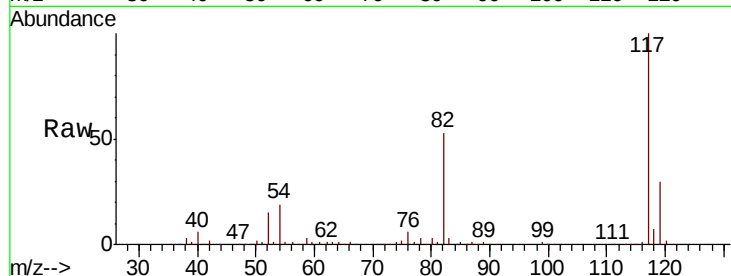




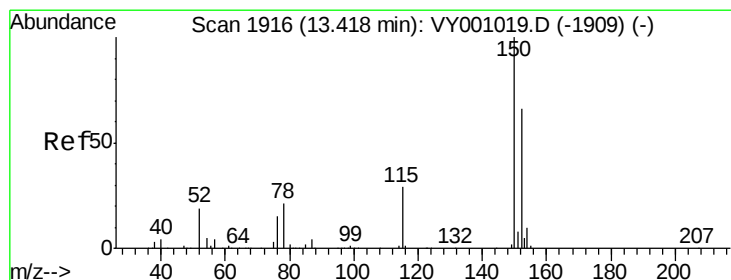
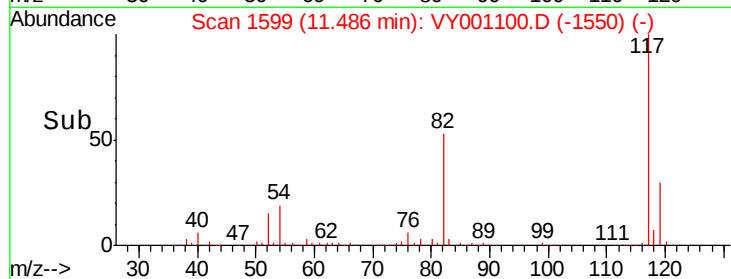
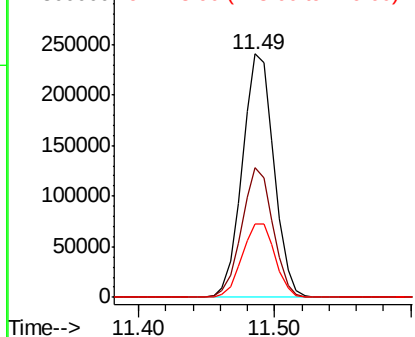
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001100.D
Acq: 27 Dec 2019 16:06

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(4-5)

Tot Ion:117 Resp: 389772
Ion Ratio Lower Upper
117 100
82 53.1 43.8 65.8
119 30.3 25.8 38.6

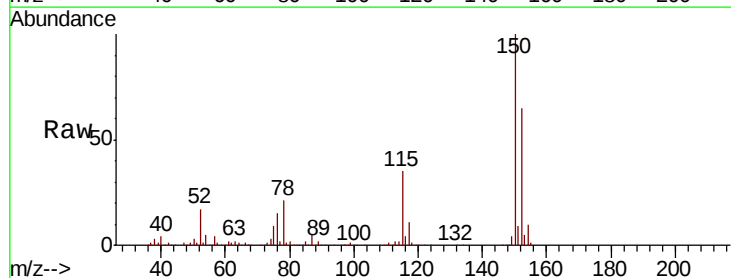


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VY001100.D
Acq: 27 Dec 2019 16:06

Tgt Ion:152 Resp: 173765
Ion Ratio Lower Upper
152 100
115 57.1 29.8 89.3
150 156.4 0.0 352.6



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

