

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112219\
 Data File : VY000782.D
 Acq On : 22 Nov 2019 10:47
 Operator : SY/MD
 Sample : VY1122SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBL01

Quant Time: Nov 23 04:20:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	279587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	518510	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	451692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	192620	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	172822	59.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.46%	
35) Dibromofluoromethane	7.73	113	151858	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
50) Toluene-d8	10.18	98	613246	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
62) 4-Bromofluorobenzene	12.48	95	198518	45.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.30%	

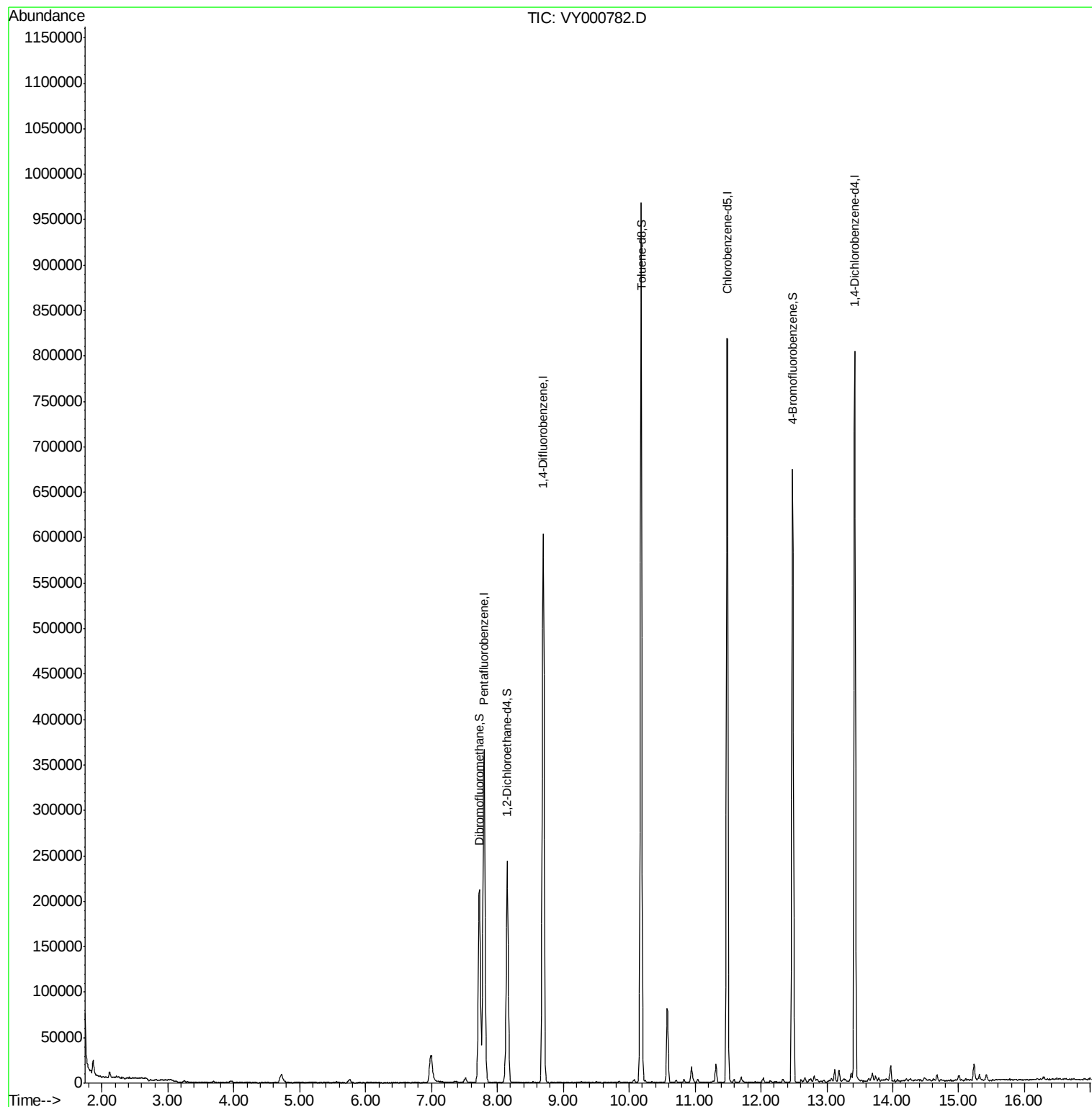
Target Compounds	Qvalue
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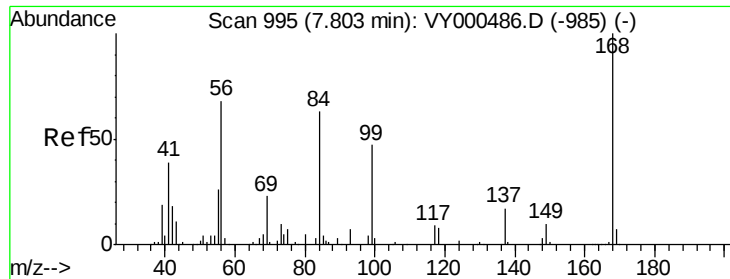
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000782.D

Acq: 22 Nov 2019 10:47

Instrument :

MSVOA_Y

ClientSampleId :

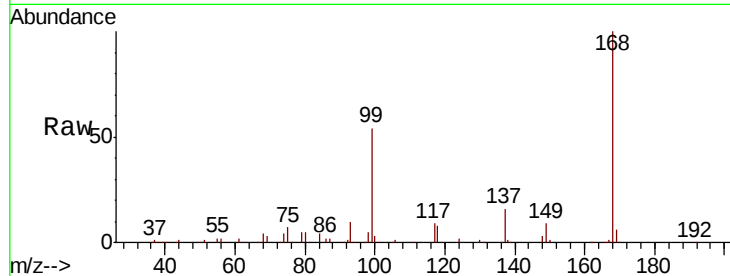
VY1122SBL01

Tot Ion:168 Resp: 279587

Ion Ratio Lower Upper

168 100

99 54.4 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

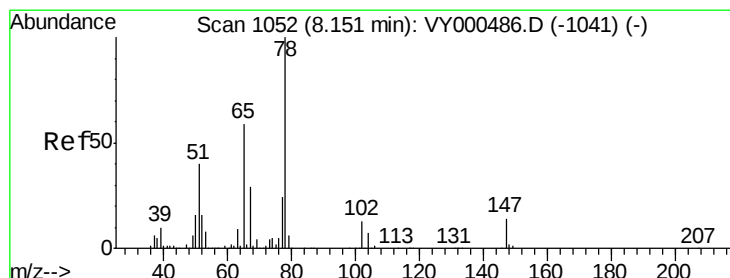
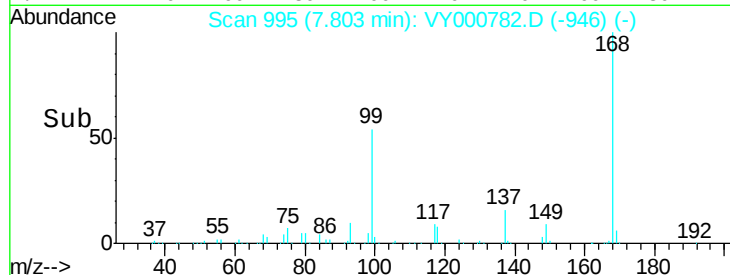
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.731 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000782.D

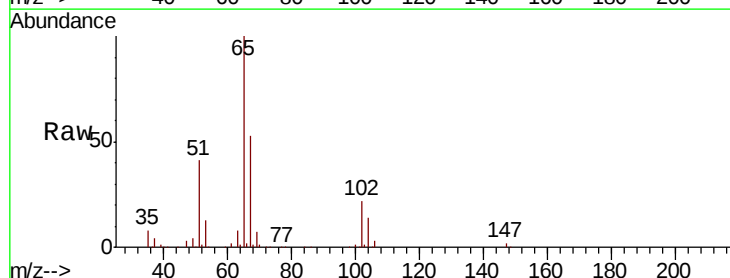
Acq: 22 Nov 2019 10:47

Tgt Ion: 65 Resp: 172822

Ion Ratio Lower Upper

65 100

67 54.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY000486.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY000486.D (-1041) (-)

8.15

80000

60000

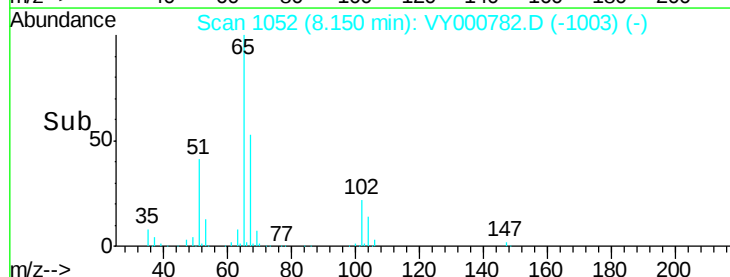
40000

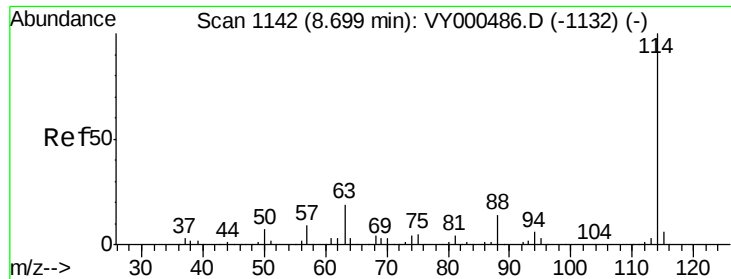
20000

0

8.10 8.20

Time-->

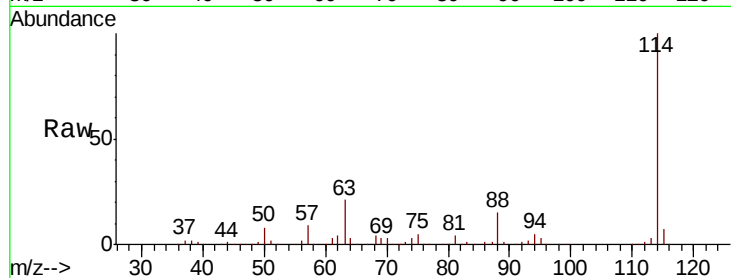




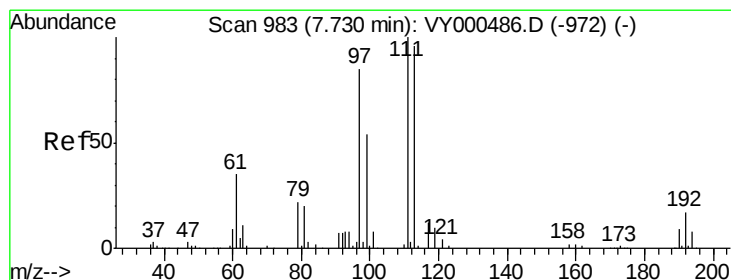
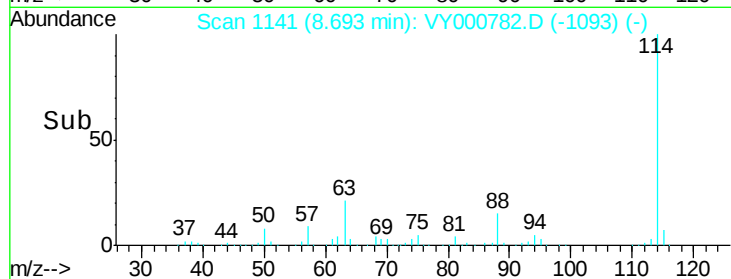
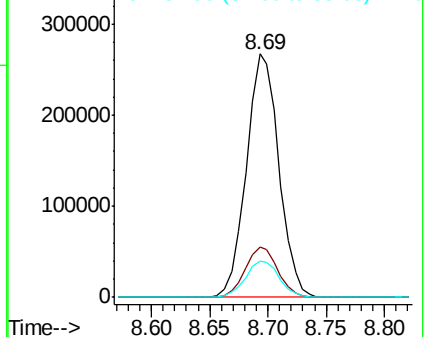
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VY000782.D
Acq: 22 Nov 2019 10:47

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBL01

Tot Ion:114 Resp: 518510
Ion Ratio Lower Upper
114 100
63 20.7 0.0 38.0
88 14.7 0.0 28.6

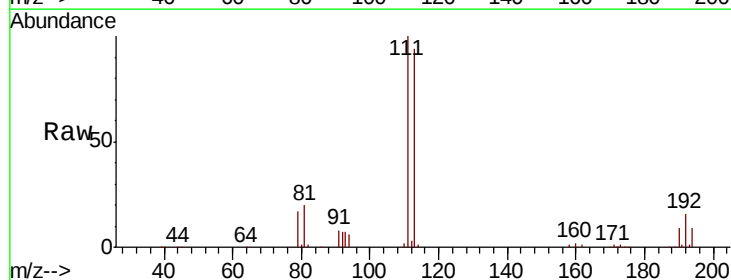


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

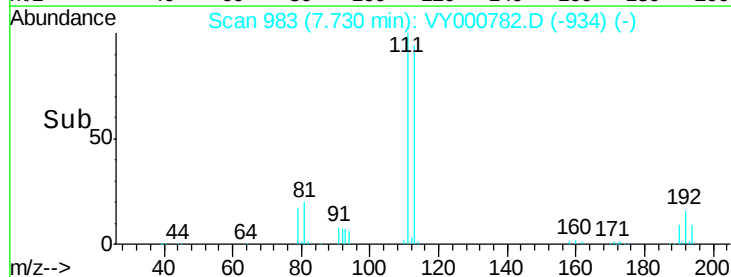
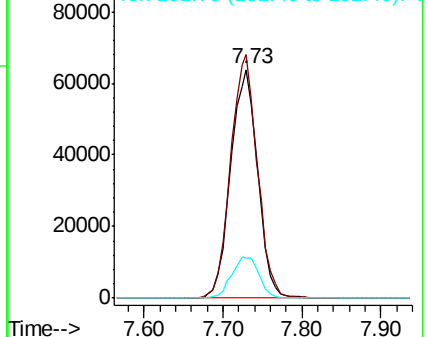


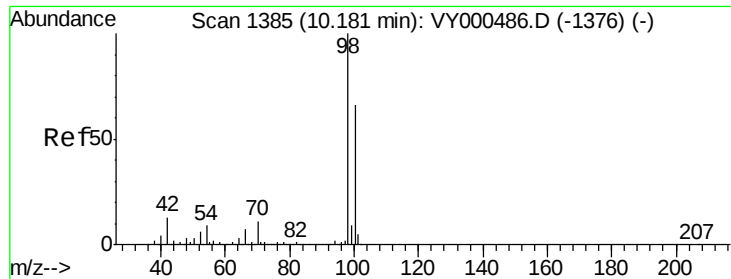
#35
Dibromofluoromethane
Concen: 49.888 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000782.D
Acq: 22 Nov 2019 10:47

Tgt Ion:113 Resp: 151858
Ion Ratio Lower Upper
113 100
111 105.3 81.7 122.5
192 18.3 15.0 22.4



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: 53.093 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000782.D

Acq: 22 Nov 2019 10:47

Instrument :

MSVOA_Y

ClientSampleId :

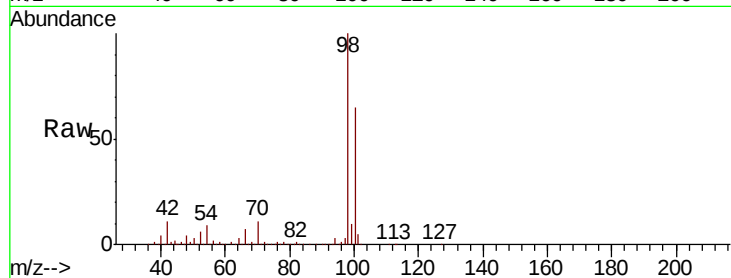
VY1122SBL01

Tot Ion: 98 Resp: 613246

Ion Ratio Lower Upper

98 100

100 65.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

400000

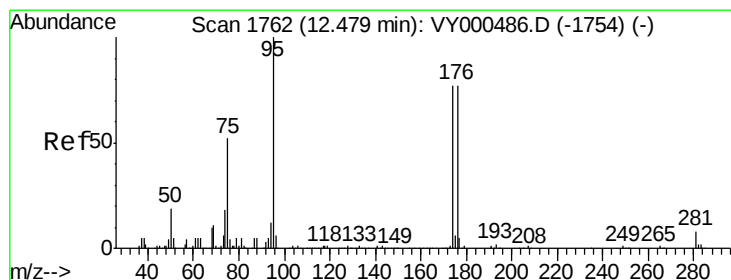
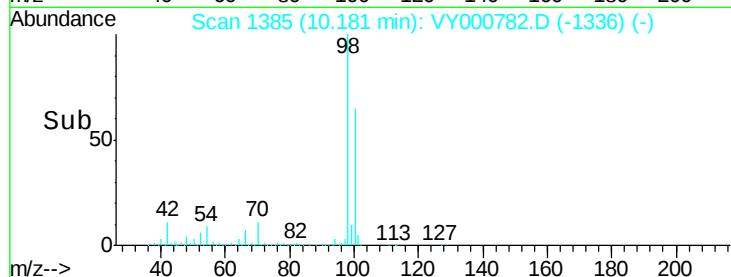
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.147 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000782.D

Acq: 22 Nov 2019 10:47

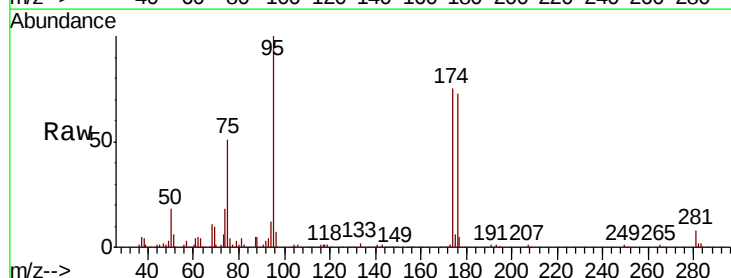
Tgt Ion: 95 Resp: 198518

Ion Ratio Lower Upper

95 100

174 77.5 0.0 161.6

176 75.5 0.0 157.8



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

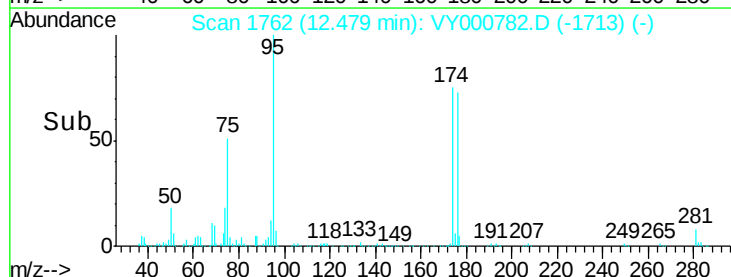
150000

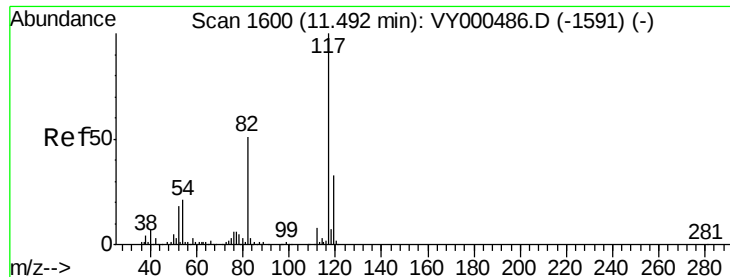
100000

50000

0

Time-->

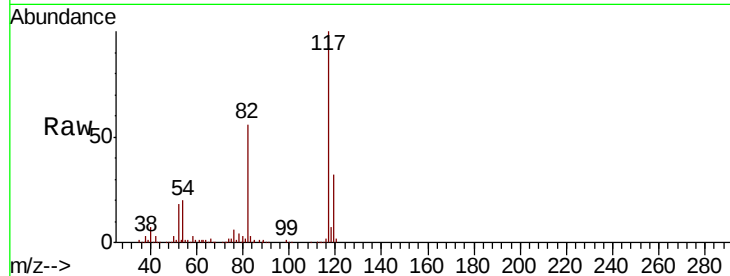




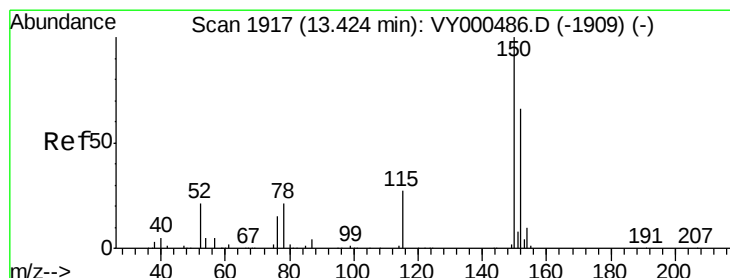
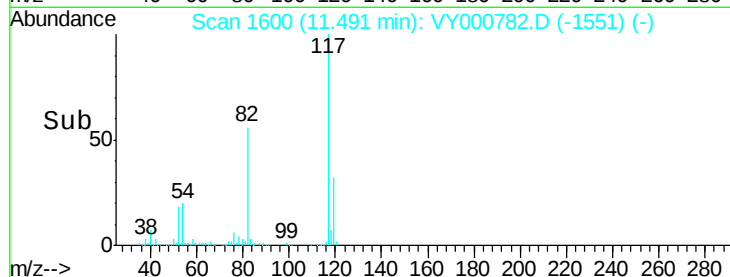
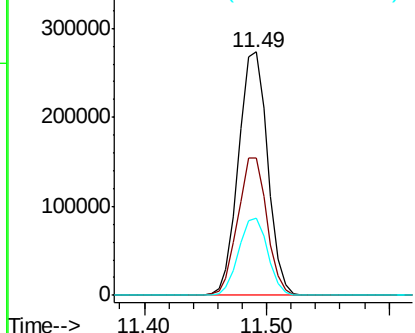
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000782.D
Acq: 22 Nov 2019 10:47

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBL01

Tot Ion:117 Resp: 451692
Ion Ratio Lower Upper
117 100
82 56.3 40.8 61.2
119 32.0 26.2 39.2

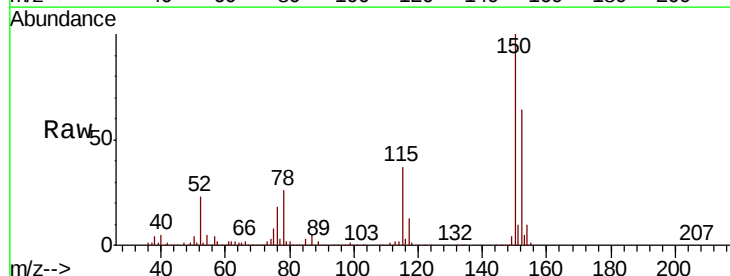


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000782.D
Acq: 22 Nov 2019 10:47

Tgt Ion:152 Resp: 192620
Ion Ratio Lower Upper
152 100
115 60.4 29.1 87.4
150 158.1 0.0 348.8



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

