

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY103119\
 Data File : VY000508.D
 Acq On : 31 Oct 2019 16:11
 Operator : SY/MD
 Sample : K5143-05RE
 Misc : 5.31G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 01 09:26:25 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	49240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	73228	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	57821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	24307	50.00	ug/l	0.00

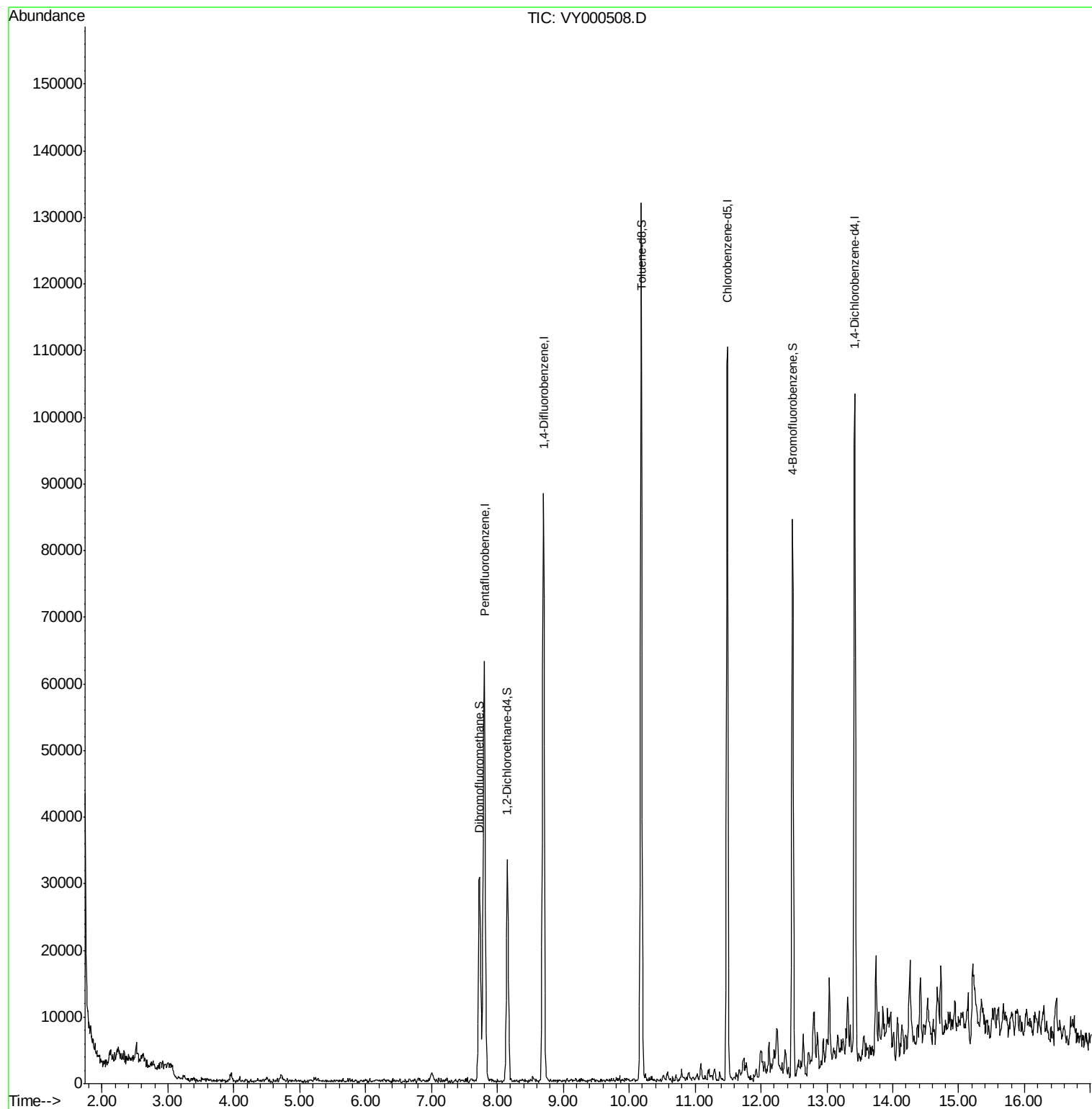
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	24650	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
35) Dibromofluoromethane	7.73	113	20249	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
50) Toluene-d8	10.18	98	81968	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
62) 4-Bromofluorobenzene	12.48	95	24412	39.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.62%	

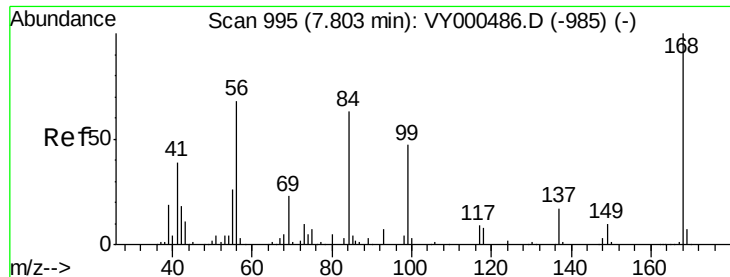
Target Compounds	Qvalue

(#) = 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. 0.00 min

Lab File: VY000508.D

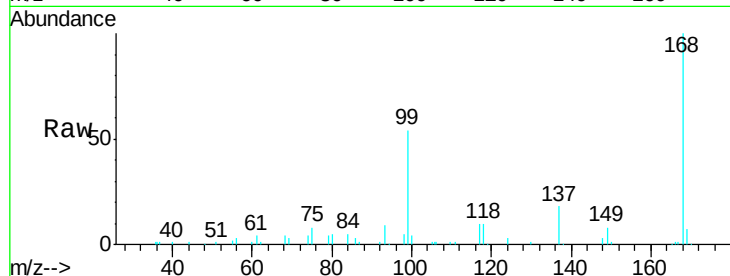
Acq: 31 Oct 2019 16:11

Tgt Ion: 168 Resp: 49240

Ion Ratio Lower Upper

168 100

99 54.0 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

25000

20000

15000

10000

5000

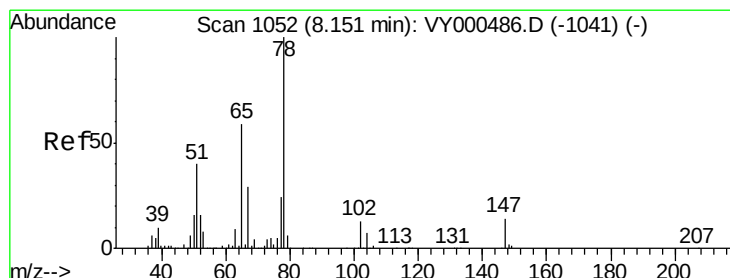
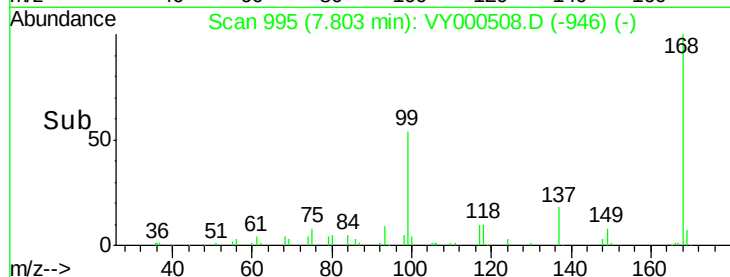
0

Time-->

7.70

7.80

7.90



#33

1,2-Dichloroethane-d4

Concen: 48.374 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000508.D

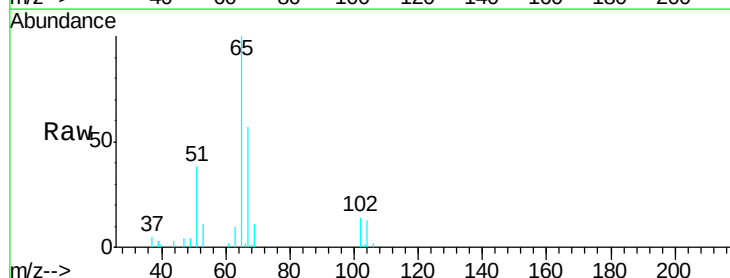
Acq: 31 Oct 2019 16:11

Tgt Ion: 65 Resp: 24650

Ion Ratio Lower Upper

65 100

67 53.7 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

10000

5000

0

Time-->

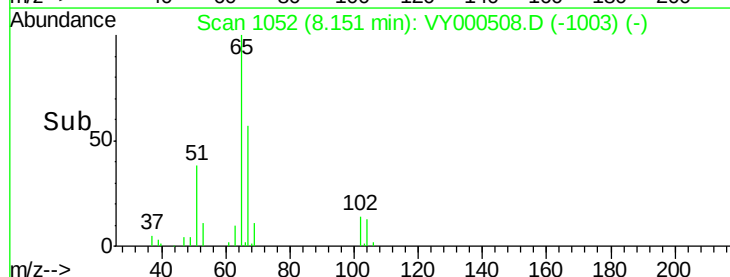
8.05

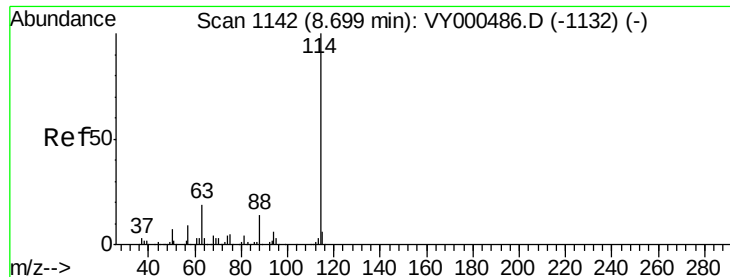
8.10

8.15

8.20

8.25





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY000508.D

Acq: 31 Oct 2019 16:11

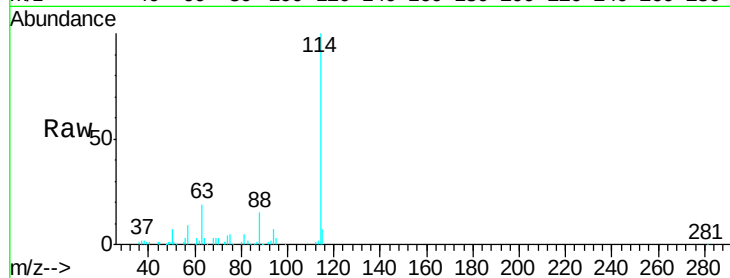
Tgt Ion:114 Resp: 73228

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.0

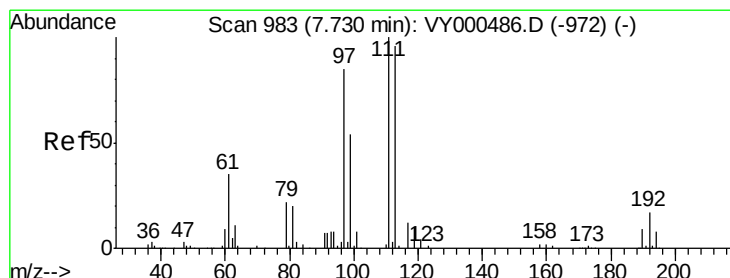
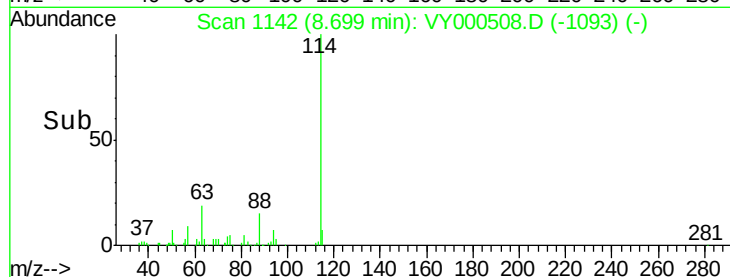
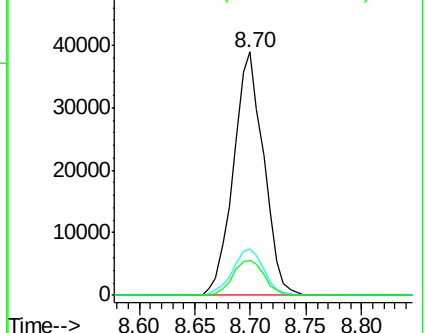
88 14.5 0.0 28.6



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: 47.102 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000508.D

Acq: 31 Oct 2019 16:11

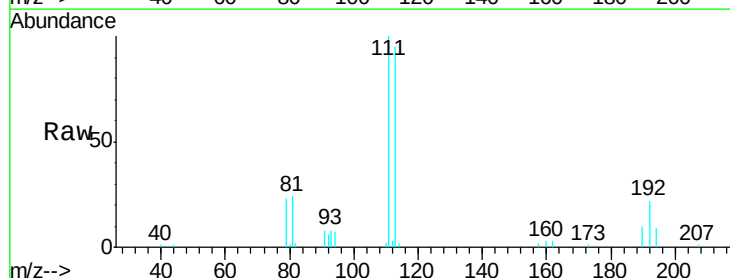
Tgt Ion:113 Resp: 20249

Ion Ratio Lower Upper

113 100

111 113.0 81.7 122.5

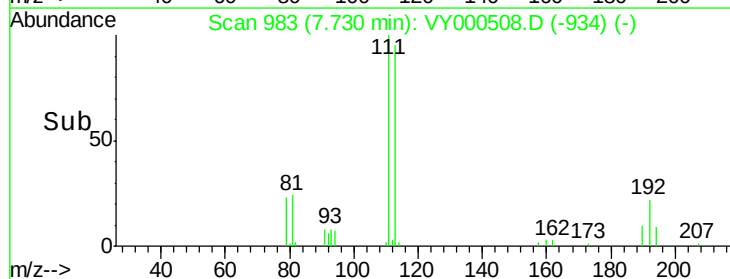
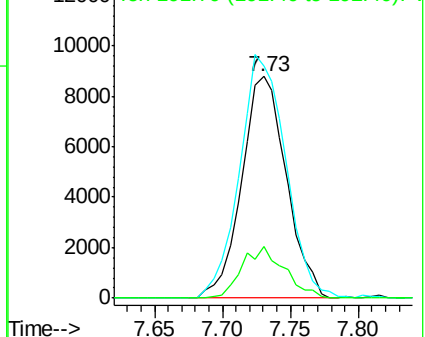
192 21.9 15.0 22.4

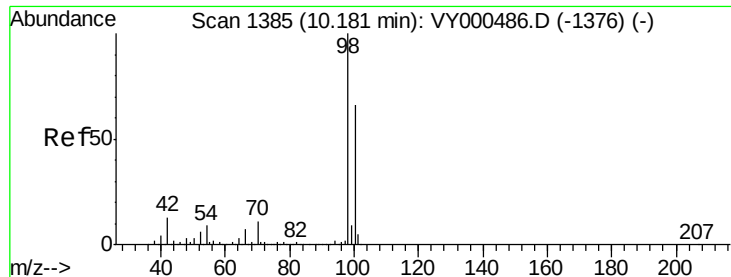


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.249 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000508.D

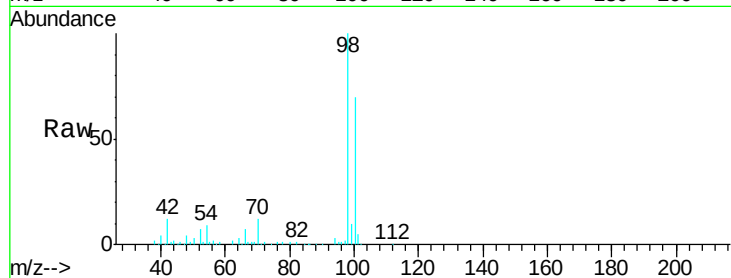
Acq: 31 Oct 2019 16:11

Tgt Ion: 98 Resp: 81968

Ion Ratio Lower Upper

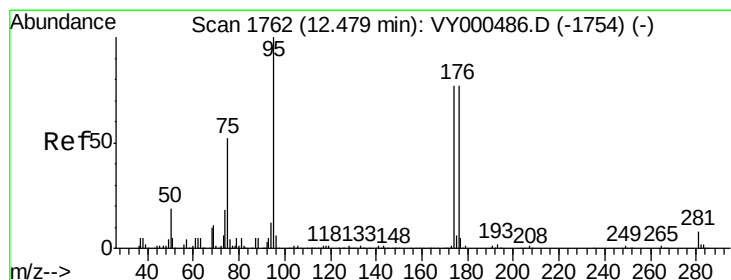
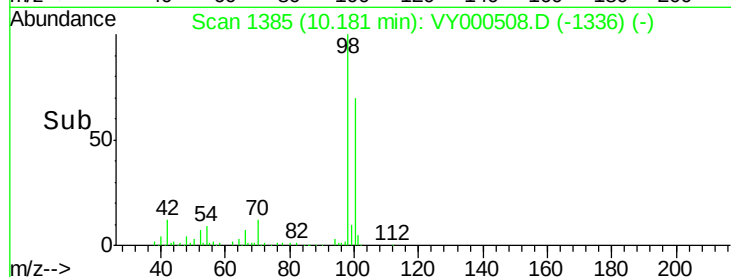
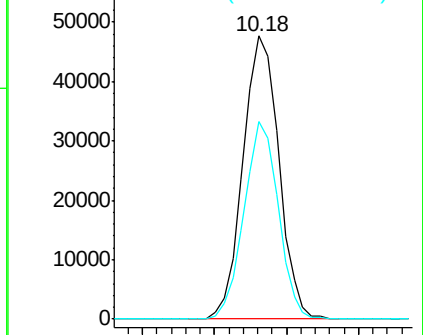
98 100

100 66.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 39.311 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000508.D

Acq: 31 Oct 2019 16:11

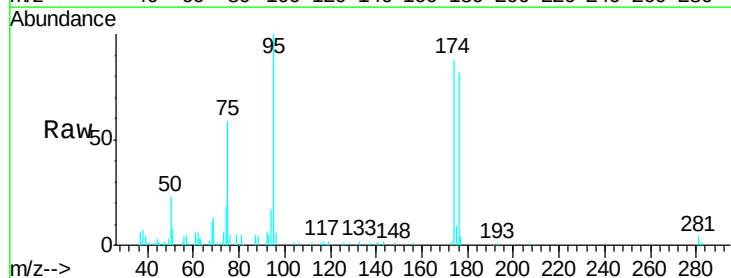
Tgt Ion: 95 Resp: 24412

Ion Ratio Lower Upper

95 100

174 80.8 0.0 161.6

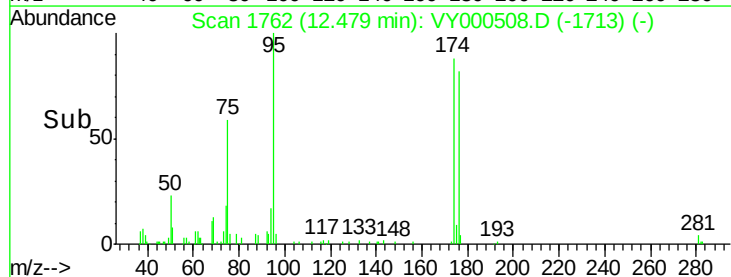
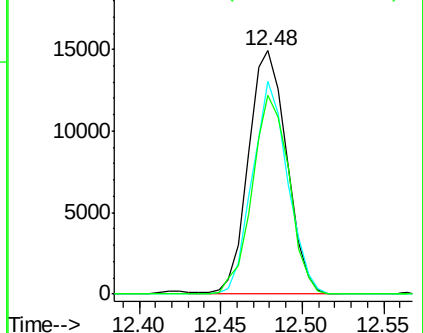
176 78.1 0.0 157.8

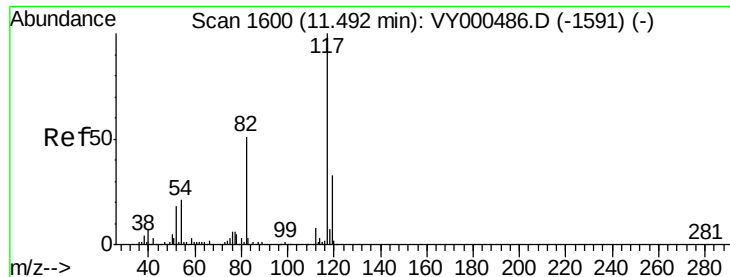


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

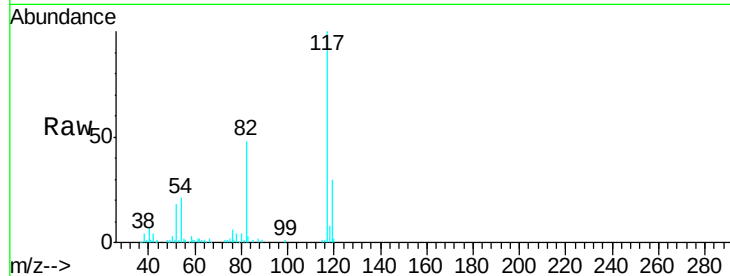
Ion 175.80 (175.50 to 176.50): V



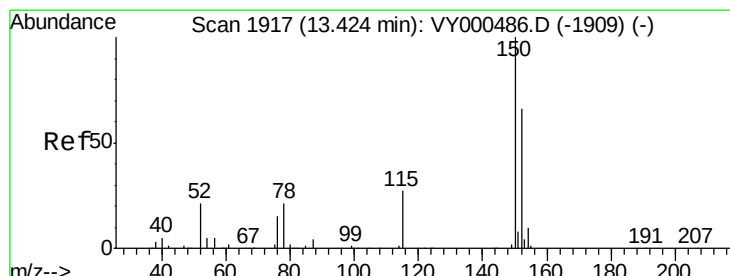
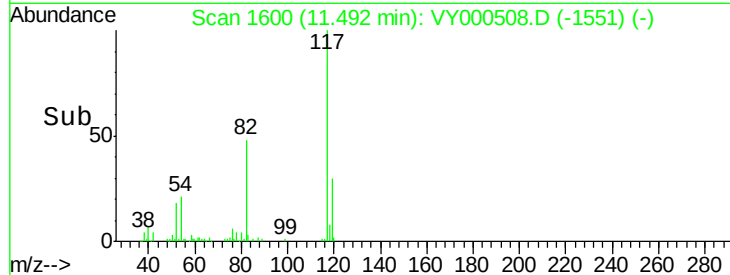
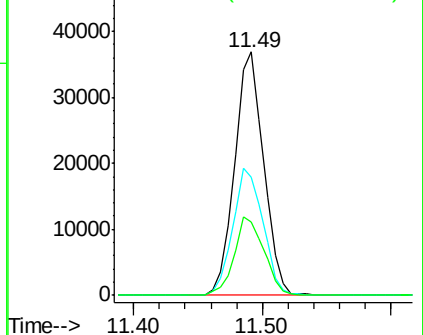


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000508.D
Acq: 31 Oct 2019 16:11

Tgt Ion:117 Resp: 57821
Ion Ratio Lower Upper
117 100
82 48.4 40.8 61.2
119 29.9 26.2 39.2

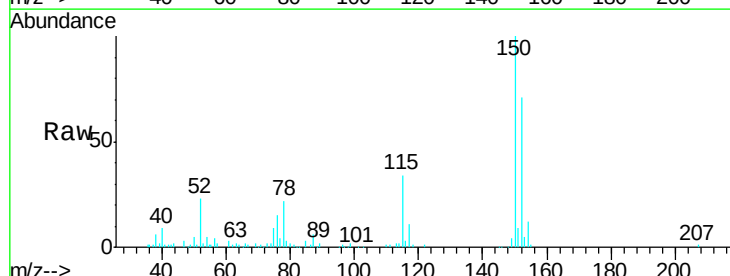


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000508.D
Acq: 31 Oct 2019 16:11

Tgt Ion:152 Resp: 24307
Ion Ratio Lower Upper
152 100
115 60.8 29.1 87.4
150 161.9 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

