

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
 Data File : VY000617.D
 Acq On : 08 Nov 2019 15:12
 Operator : SY/MD
 Sample : K5722-16
 Misc : 8.28G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2-C

Quant Time: Nov 11 06:07:04 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

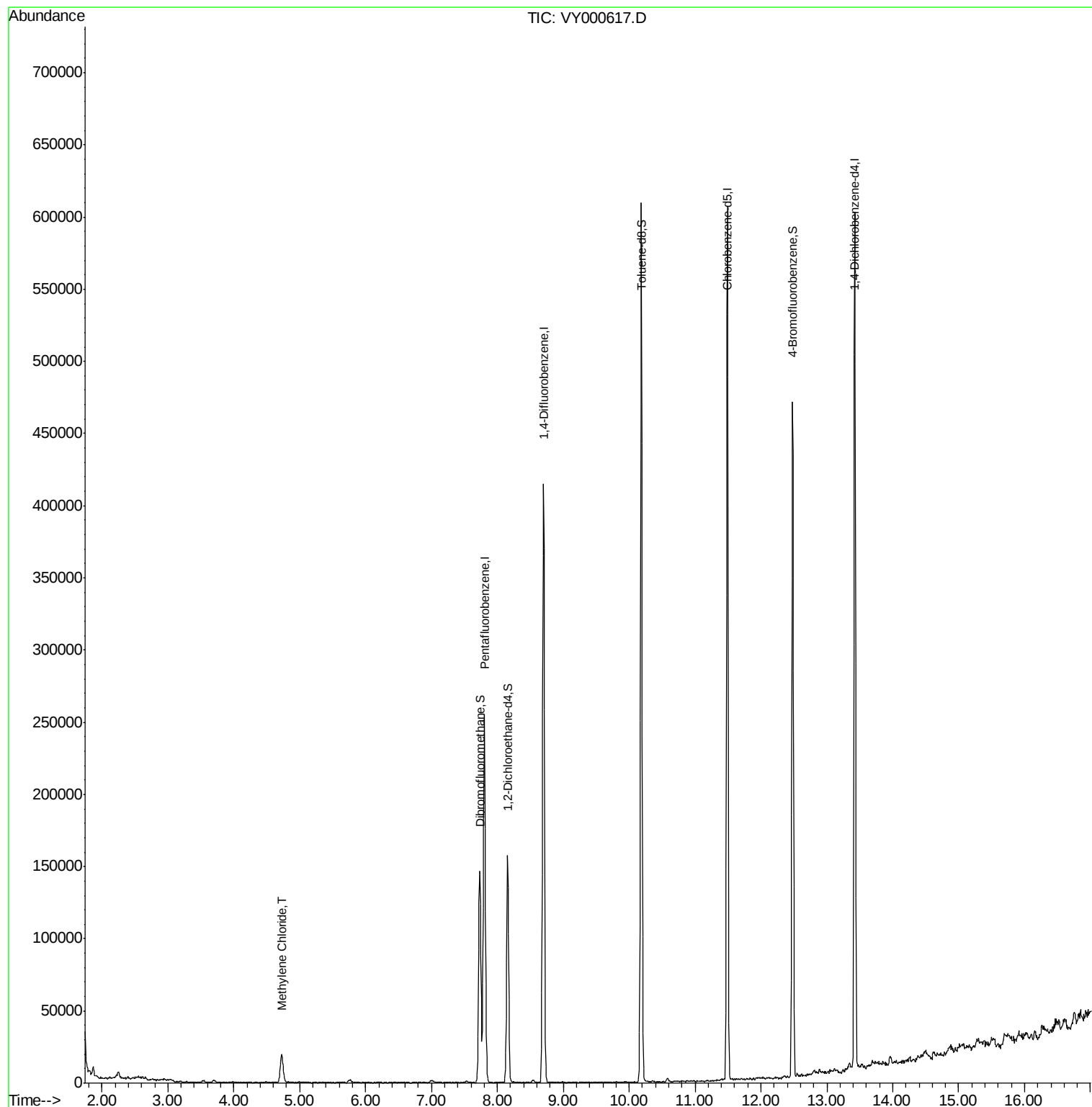
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	188499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	339368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	306122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	139565	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	119739	61.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.76%	
35) Dibromofluoromethane	7.73	113	102406	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
50) Toluene-d8	10.18	98	395363	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
62) 4-Bromofluorobenzene	12.48	95	139957	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
Target Compounds						
20) Methylene Chloride	4.72	84	14490	6.290	ug/l	Qvalue 95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY000617.D

Acq: 08 Nov 2019 15:12

Instrument :

MSVOA_Y

ClientSampleId :

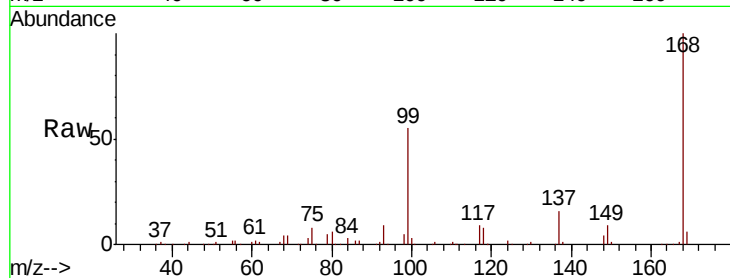
2-C

Tot Ion:168 Resp: 188499

Ion Ratio Lower Upper

168 100

99 54.8 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) (-)

7.81

80000

60000

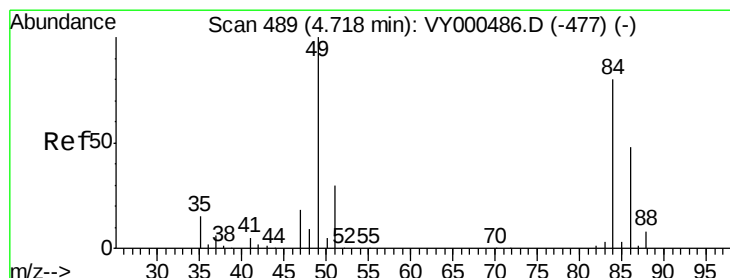
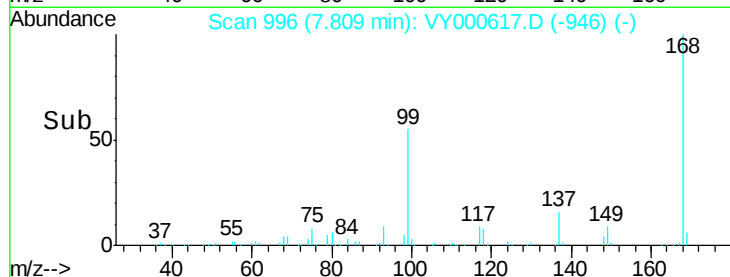
40000

20000

0

Time-->

7.70 7.80 7.90



#20

Methylene Chloride

Concen: 6.290 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.01 min

Lab File: VY000617.D

Acq: 08 Nov 2019 15:12

Tgt Ion: 84 Resp: 14490

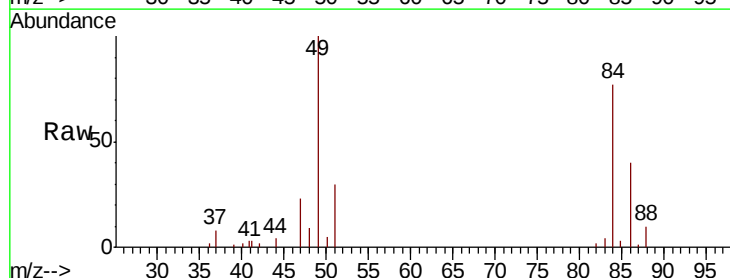
Ion Ratio Lower Upper

84 100

49 129.4 100.2 150.4

51 38.2 29.6 44.4

86 51.6 48.3 72.5



Abundance Ion 83.90 (83.60 to 84.60): VY000486.D (-477) (-)

Ion 48.90 (48.60 to 49.60): VY000486.D (-477) (-)

Ion 50.90 (50.60 to 51.60): VY000486.D (-477) (-)

Ion 85.90 (85.60 to 86.60): VY000486.D (-477) (-)

4.72

8000

6000

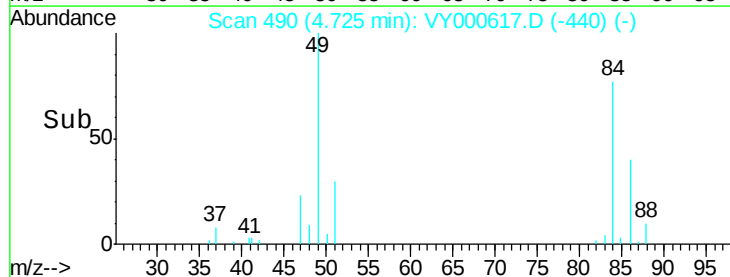
4000

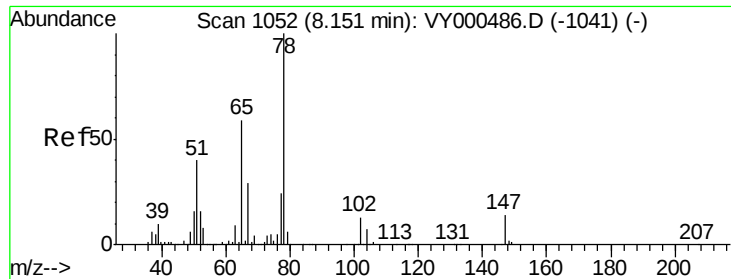
2000

0

Time-->

4.60 4.70 4.80





#33

1,2-Dichloroethane-d4

Concen: 61.382 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000617.D

Acq: 08 Nov 2019 15:12

Instrument :

MSVOA_Y

ClientSampleId :

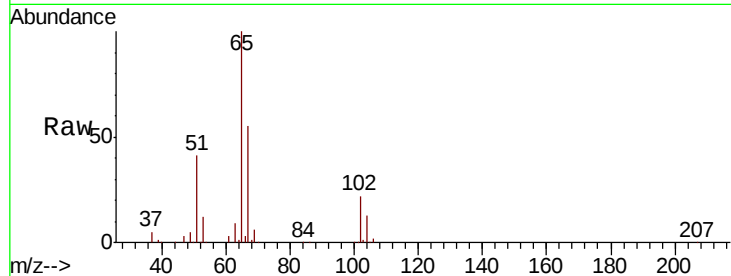
2-C

Tot Ion: 65 Resp: 119739

Ion Ratio Lower Upper

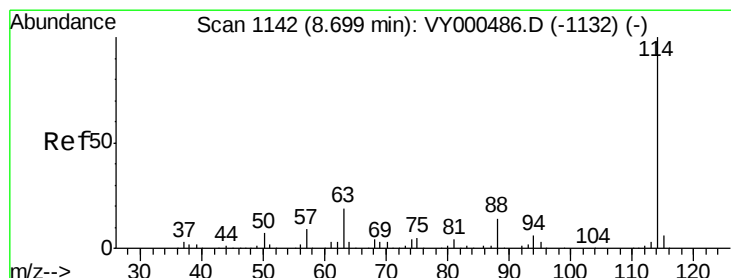
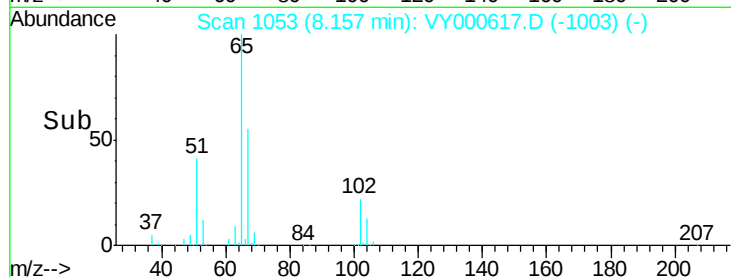
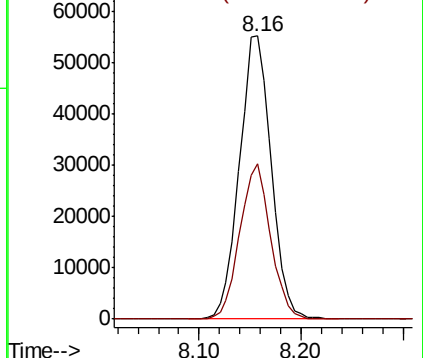
65 100

67 53.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY000617.D

Acq: 08 Nov 2019 15:12

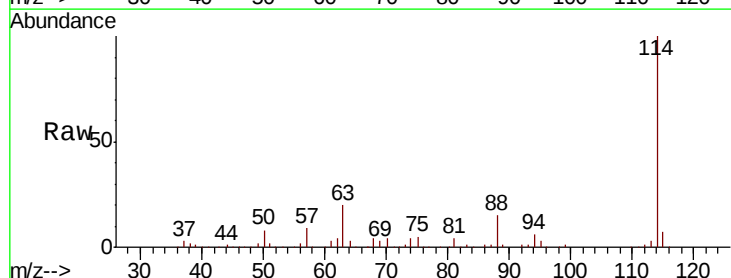
Tgt Ion: 114 Resp: 339368

Ion Ratio Lower Upper

114 100

63 20.5 0.0 38.0

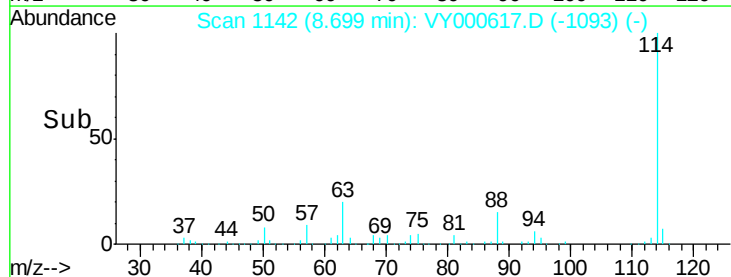
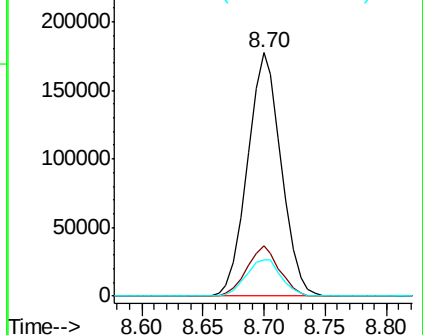
88 14.9 0.0 28.6

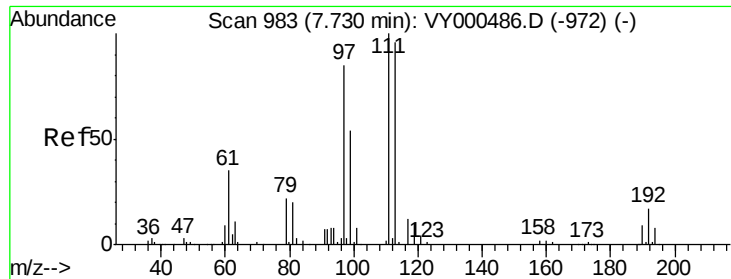


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

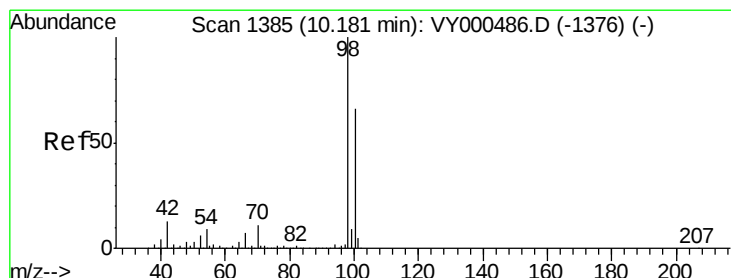
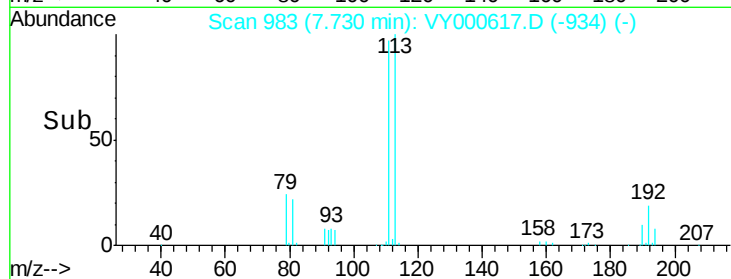
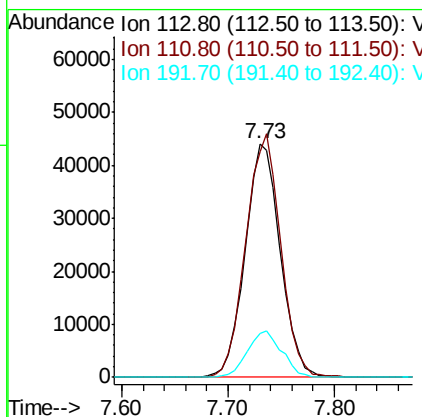
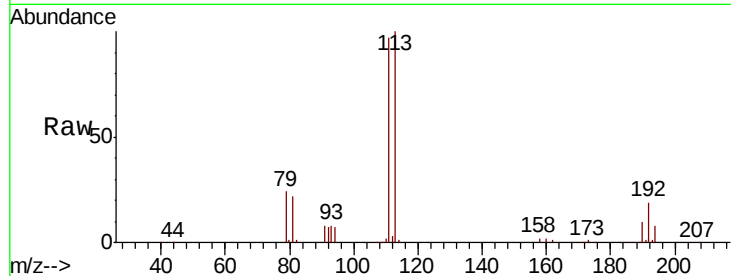




#35
 Dibromofluoromethane
 Concen: 51.401 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000617.D
 Acq: 08 Nov 2019 15:12

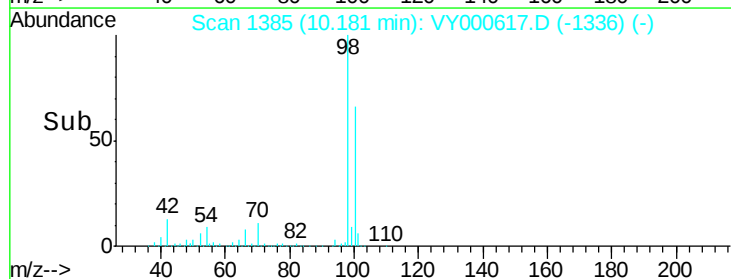
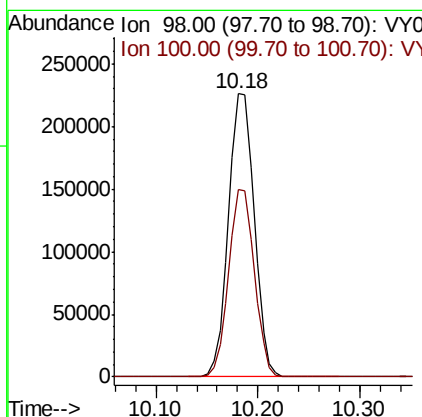
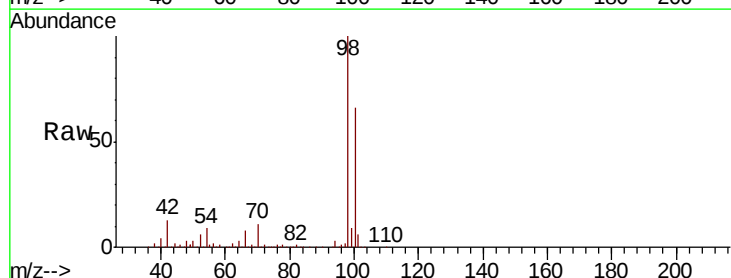
Instrument :
 MSVOA_Y
 ClientSampled :
 2-C

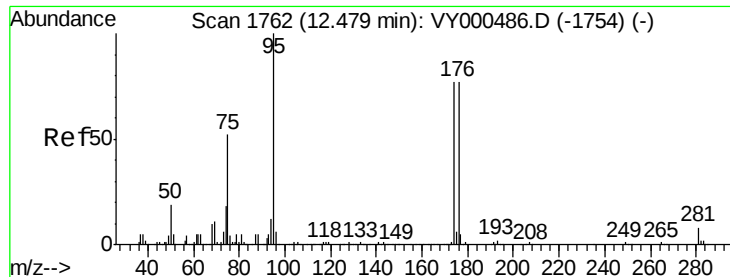
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.7	122.5
192	19.5	15.0	22.4



#50
 Toluene-d8
 Concen: 52.298 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY000617.D
 Acq: 08 Nov 2019 15:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.9	79.3





#62

4-Bromofluorobenzene

Concen: 48.631 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000617.D

Acq: 08 Nov 2019 15:12

Instrument :

MSVOA_Y

ClientSampled :

2-C

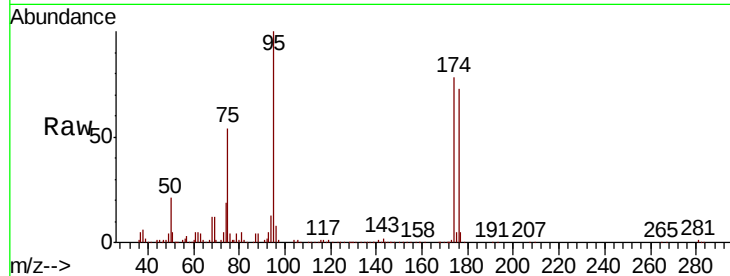
Tot Ion: 95 Resp: 139957

Ion Ratio Lower Upper

95 100

174 80.1 0.0 161.6

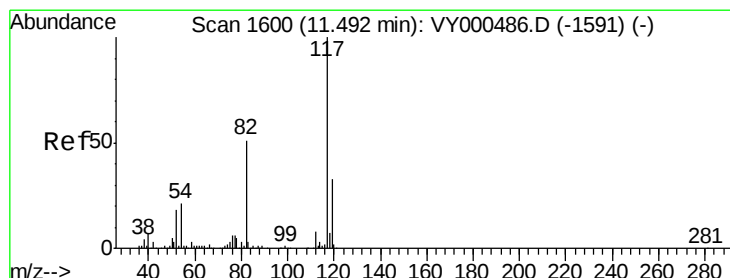
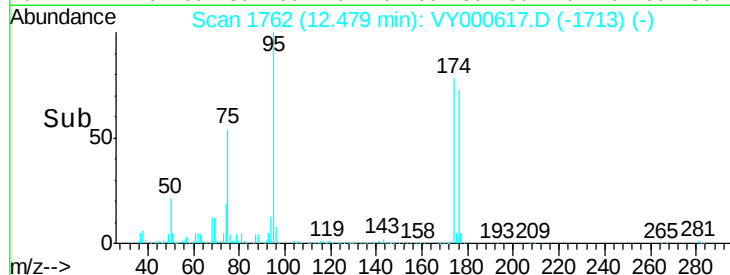
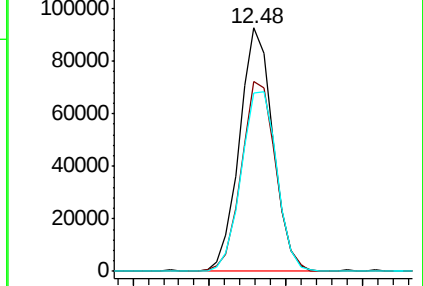
176 79.1 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VY000617.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY000617.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY000617.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY000617.D

Acq: 08 Nov 2019 15:12

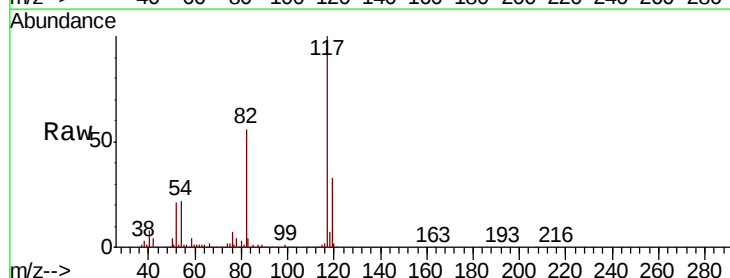
Tgt Ion: 117 Resp: 306122

Ion Ratio Lower Upper

117 100

82 55.7 40.8 61.2

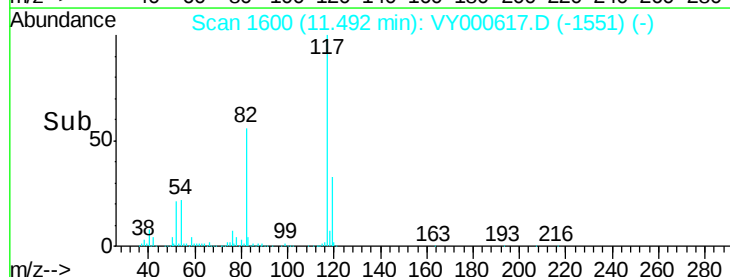
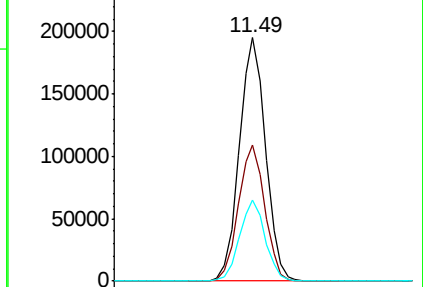
119 33.1 26.2 39.2

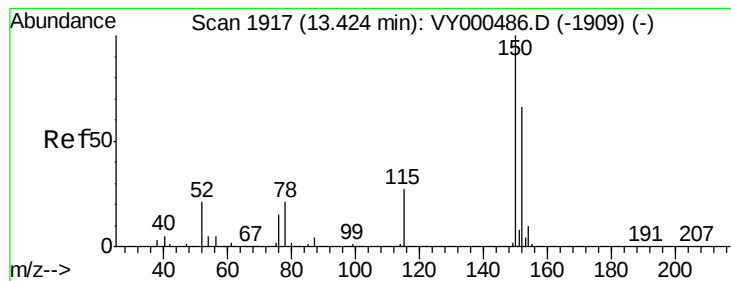


Abundance Ion 116.90 (116.60 to 117.60): VY000617.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY000617.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY000617.D (-1551) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000617.D

Acq: 08 Nov 2019 15:12

Instrument :

MSVOA_Y

ClientSampleId :

2-C

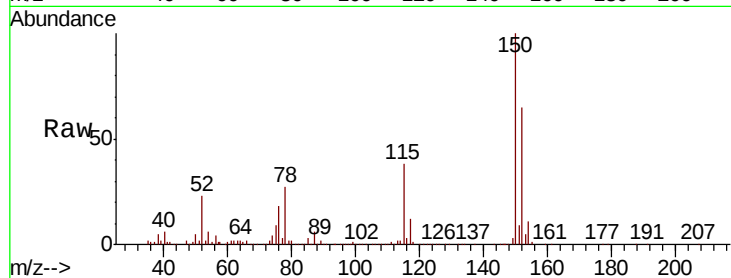
Tot Ion:152 Resp: 139565

Ion Ratio Lower Upper

152 100

115 59.4 29.1 87.4

150 157.3 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

