

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
 Data File : VY000589.D
 Acq On : 07 Nov 2019 18:25
 Operator : SY/MD
 Sample : K5722-01
 Misc : 7.31G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 4-A

Quant Time: Nov 08 05:02:45 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

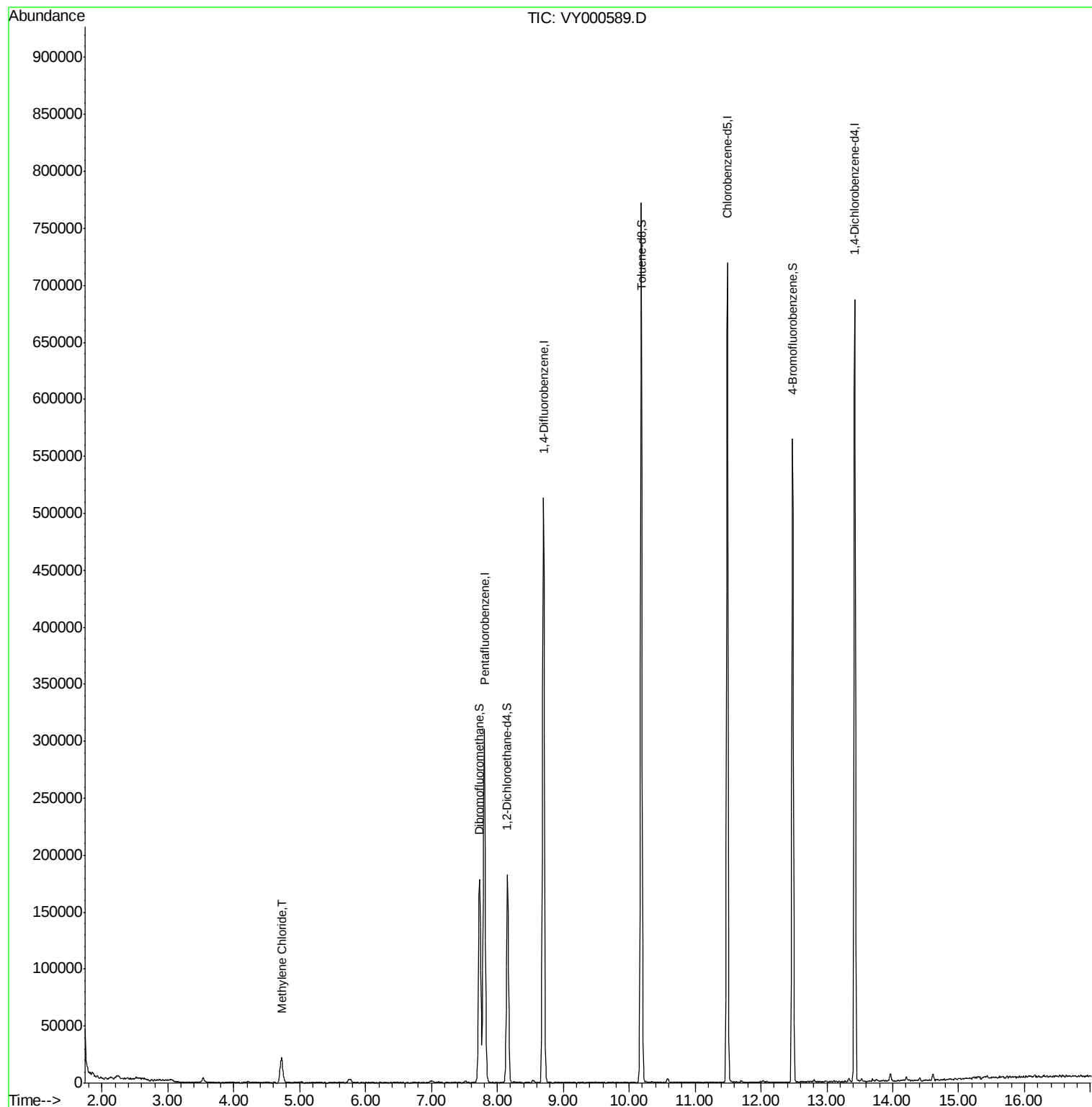
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	235310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	425680	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	375666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	162764	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	141953	58.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.58%	
35) Dibromofluoromethane	7.73	113	125417	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
50) Toluene-d8	10.18	98	499879	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	
62) 4-Bromofluorobenzene	12.48	95	169603	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
Target Compounds						
20) Methylene Chloride	4.72	84	16279	5.661	ug/l	Qvalue 94

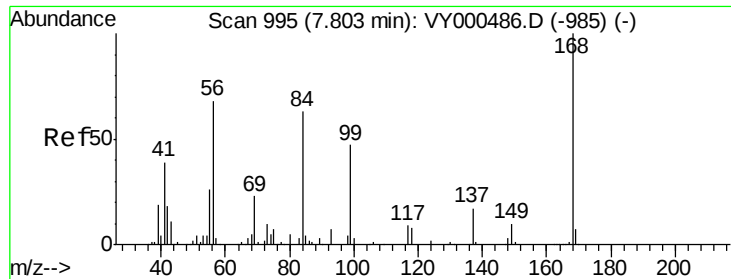
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
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QLast Update : Wed Oct 30 13:30:53 2019
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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: VY000589.D

Acq: 07 Nov 2019 18:25

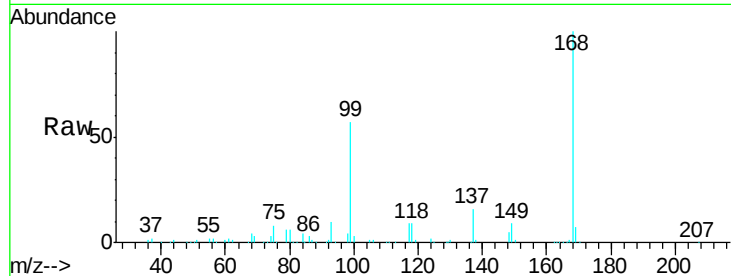
Instrument :
MSVOA_Y
ClientSampled :
4-A

Tgt Ion:168 Resp: 235310

Ion Ratio Lower Upper

168 100

99 56.9 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

120000

100000

80000

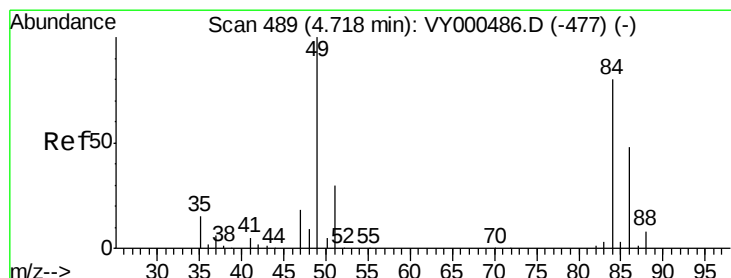
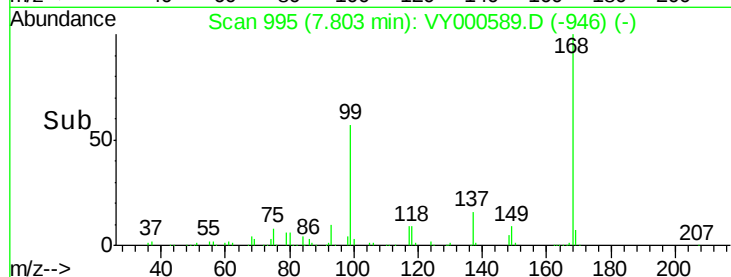
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#20

Methylene Chloride

Concen: 5.661 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.01 min

Lab File: VY000589.D

Acq: 07 Nov 2019 18:25

Tgt Ion: 84 Resp: 16279

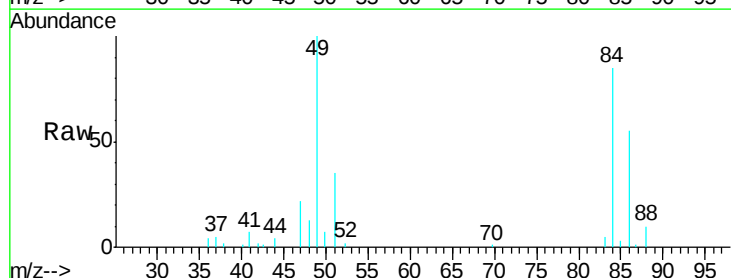
Ion Ratio Lower Upper

84 100

49 117.7 100.2 150.4

51 41.2 29.6 44.4

86 64.4 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

10000

8000

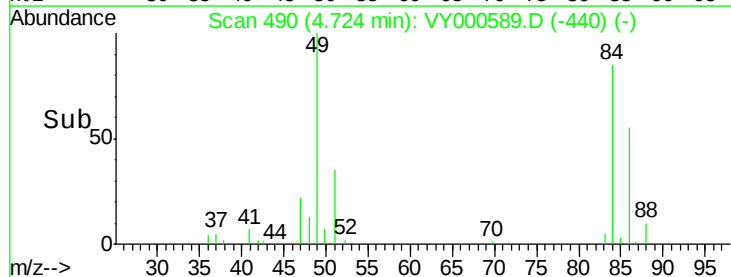
6000

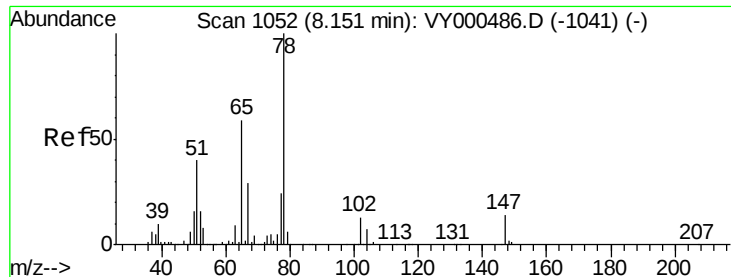
4000

2000

0

Time--> 4.60 4.70 4.80





#33

1,2-Dichloroethane-d4

Concen: 58.293 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000589.D

Acq: 07 Nov 2019 18:25

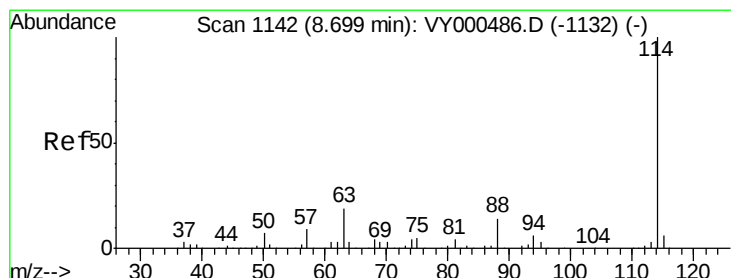
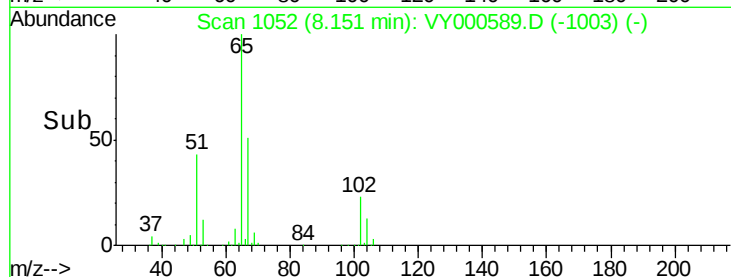
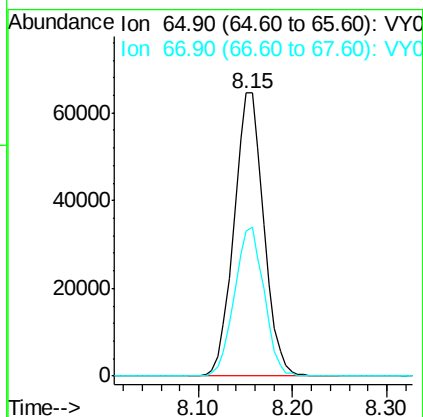
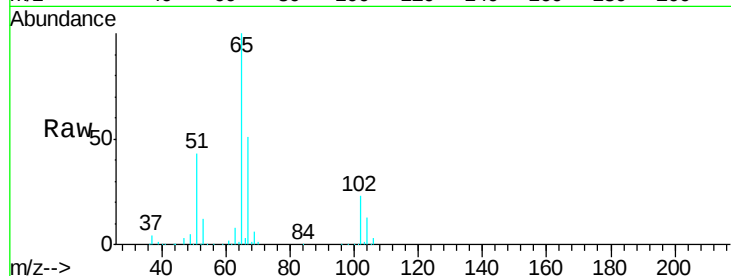
Instrument :
MSVOA_Y
ClientSampleId :
4-A

Tgt Ion: 65 Resp: 141953

Ion Ratio Lower Upper

65 100

67 52.4 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000589.D

Acq: 07 Nov 2019 18:25

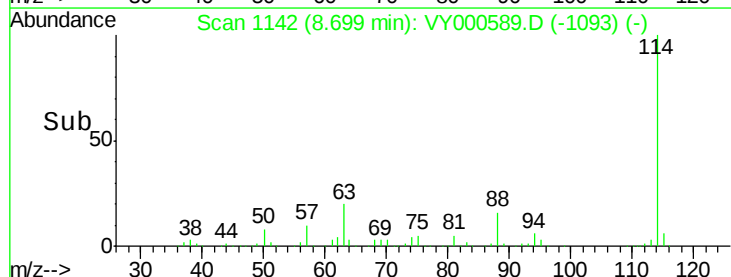
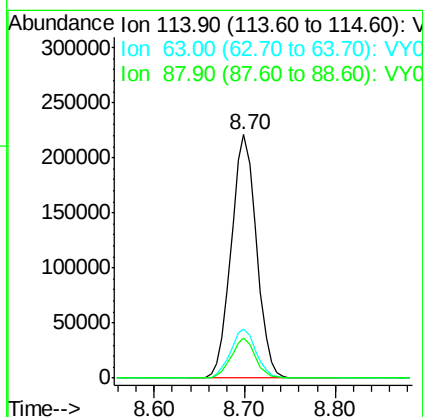
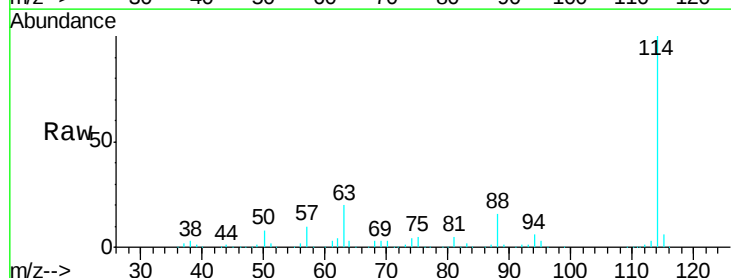
Tgt Ion: 114 Resp: 425680

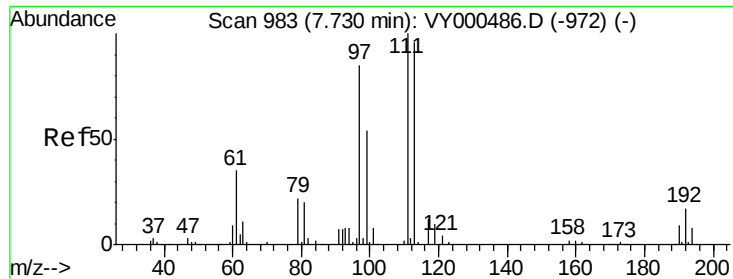
Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.0

88 16.5 0.0 28.6

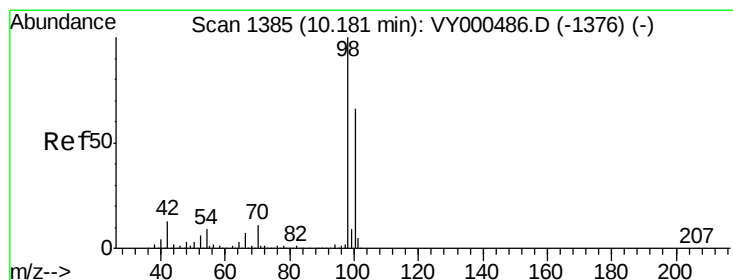
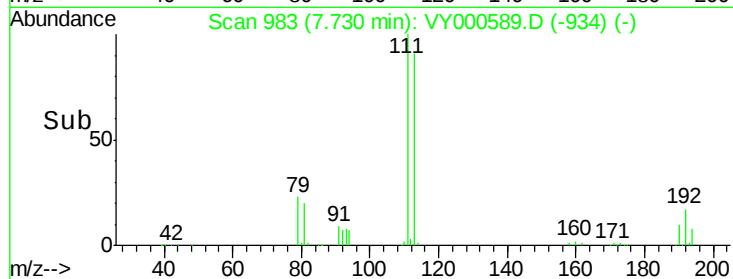
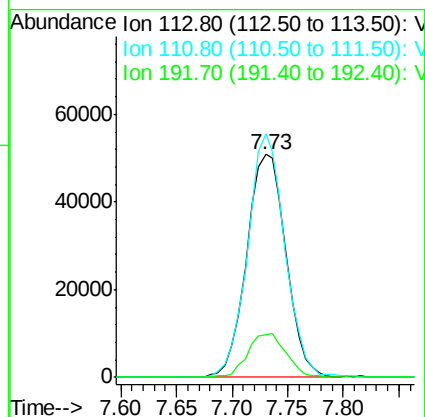
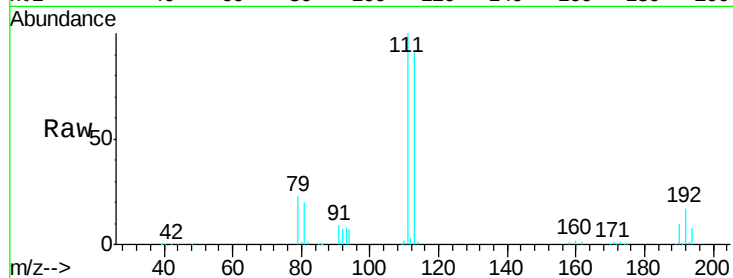




#35
 Dibromofluoromethane
 Concen: 50.187 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000589.D
 Acq: 07 Nov 2019 18:25

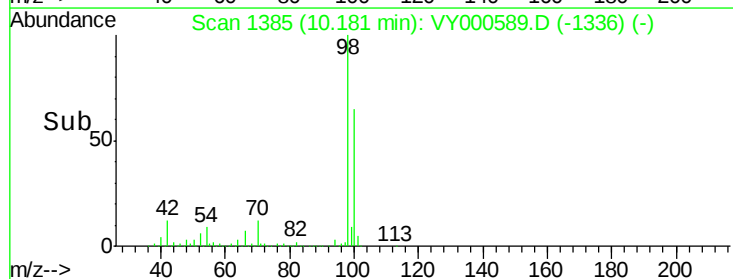
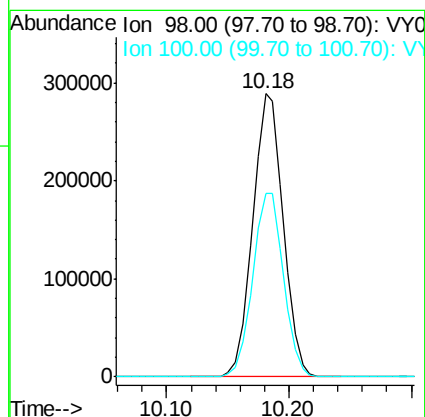
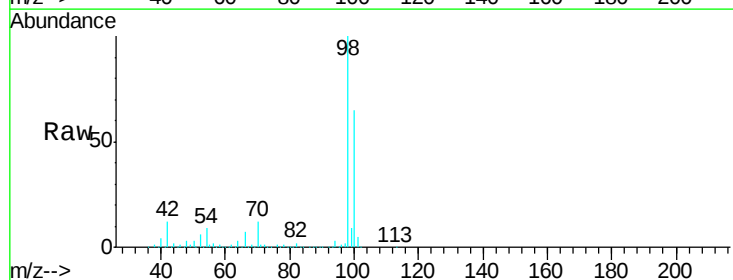
Instrument :
 MSVOA_Y
 ClientSampleId :
 4-A

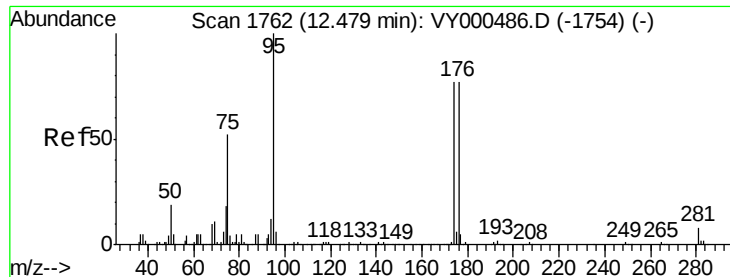
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.7	122.5
192	19.3	15.0	22.4



#50
 Toluene-d8
 Concen: 52.716 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY000589.D
 Acq: 07 Nov 2019 18:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.9	79.3





#62

4-Bromofluorobenzene

Concen: 46.983 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000589.D

Acq: 07 Nov 2019 18:25

Instrument :

MSVOA_Y

ClientSampleId :

4-A

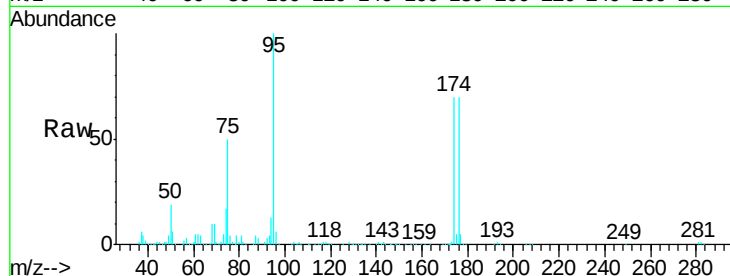
Tgt Ion: 95 Resp: 169603

Ion Ratio Lower Upper

95 100

174 77.1 0.0 161.6

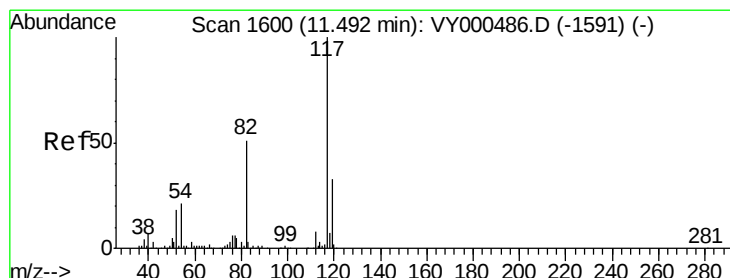
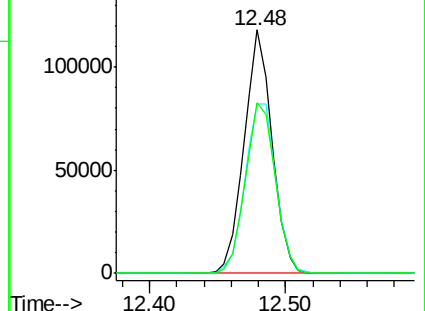
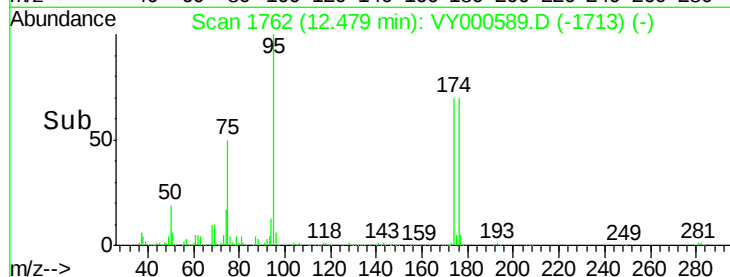
176 74.8 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VY000589.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY000589.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY000589.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY000589.D

Acq: 07 Nov 2019 18:25

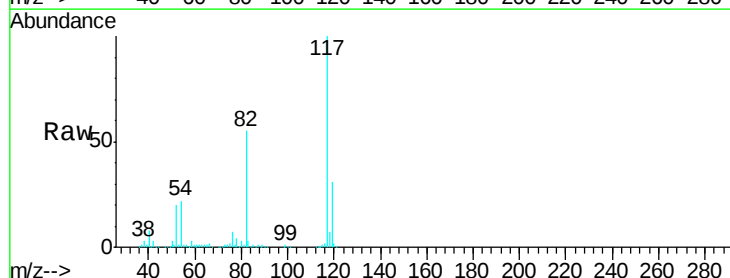
Tgt Ion: 117 Resp: 375666

Ion Ratio Lower Upper

117 100

82 55.3 40.8 61.2

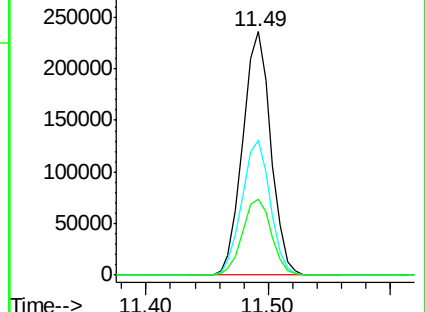
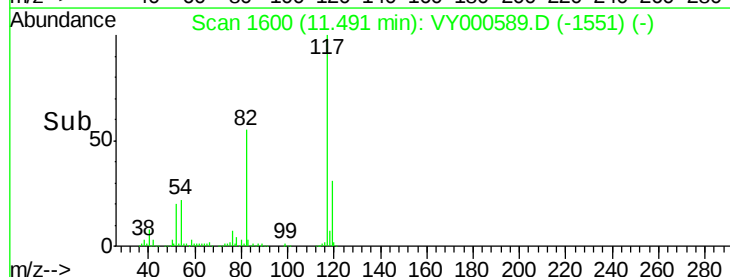
119 31.4 26.2 39.2

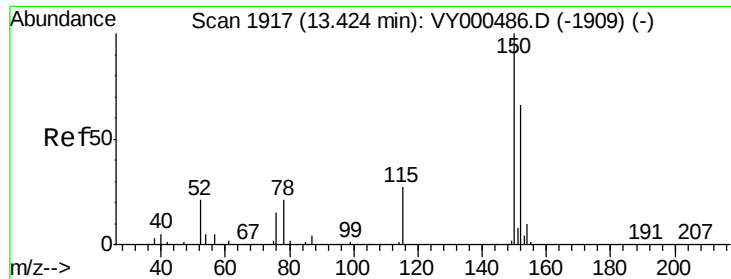


Abundance Ion 116.90 (116.60 to 117.60): VY000589.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY000589.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY000589.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: VY000589.D

Acq: 07 Nov 2019 18:25

Instrument :

MSVOA_Y

ClientSampleId :

4-A

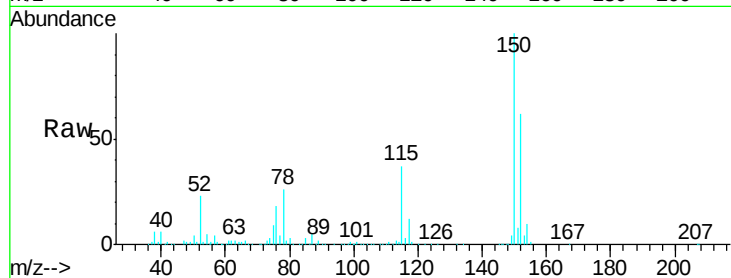
Tgt Ion:152 Resp: 162764

Ion Ratio Lower Upper

152 100

115 59.1 29.1 87.4

150 159.0 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

