

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
 Data File : VY000560.D
 Acq On : 06 Nov 2019 18:30
 Operator : SY/MD
 Sample : K5723-01
 Misc : 7.81G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 7-A

Quant Time: Nov 07 06:20:01 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

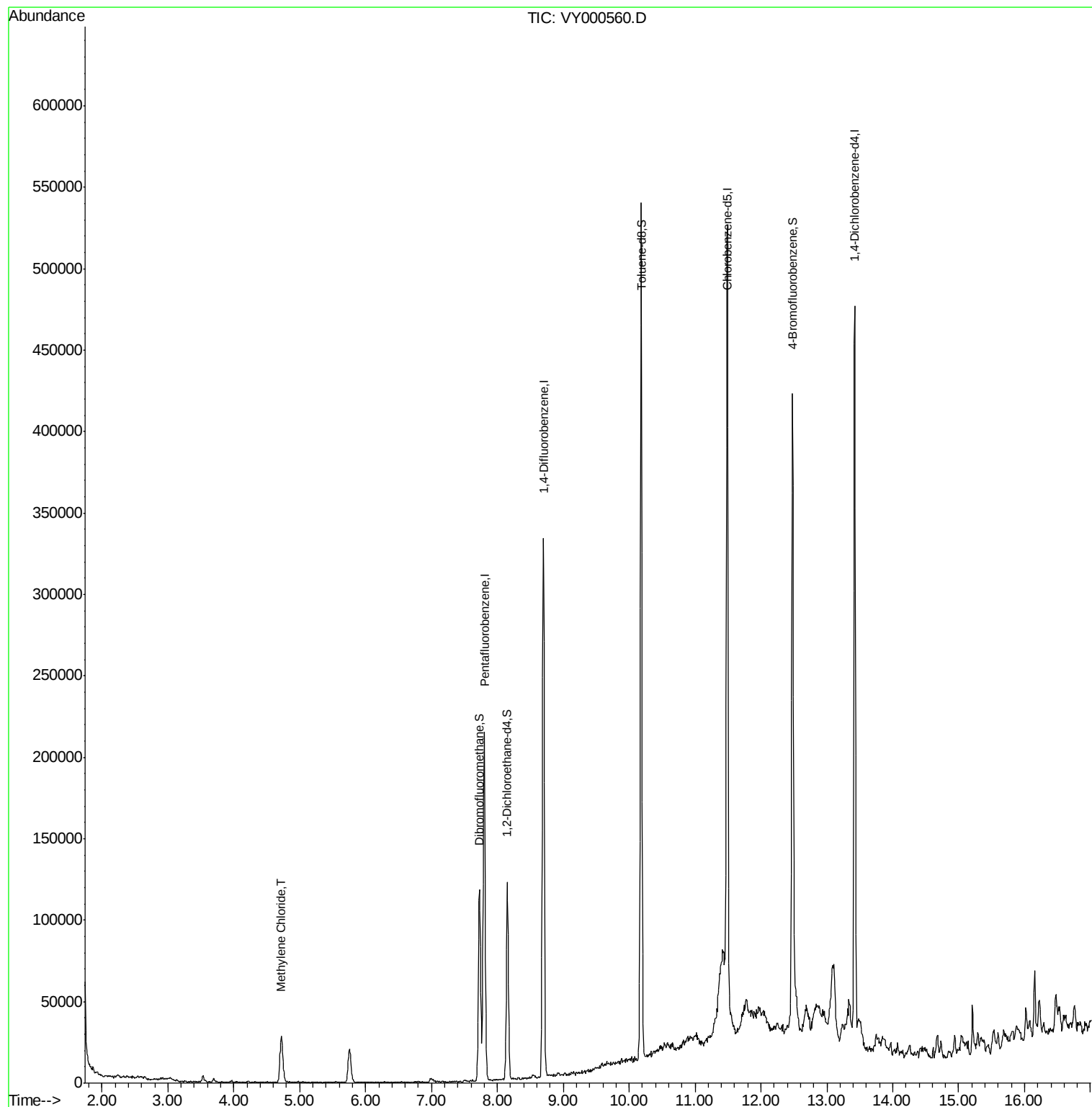
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	156908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	278868	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	249734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	108637	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	90066	55.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.94%	
35) Dibromofluoromethane	7.73	113	83117	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
50) Toluene-d8	10.18	98	334945	53.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.84%	
62) 4-Bromofluorobenzene	12.48	95	113536	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
Target Compounds						
20) Methylene Chloride	4.72	84	21092	10.999	ug/l	Qvalue 85

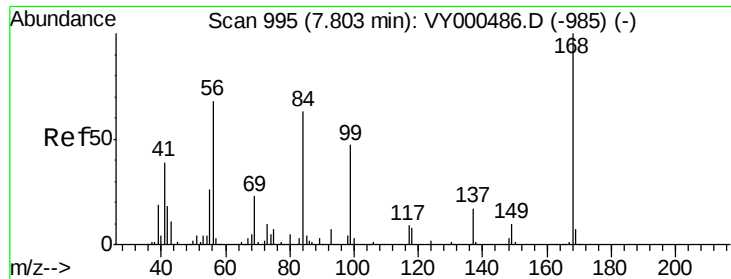
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000560.D

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Instrument :

MSVOA_Y

ClientSampleId :

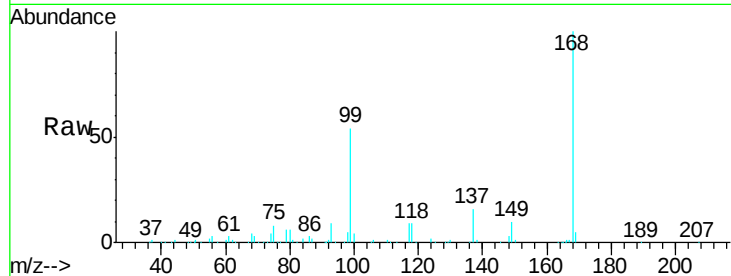
7-A

Tgt Ion:168 Resp: 156908

Ion Ratio Lower Upper

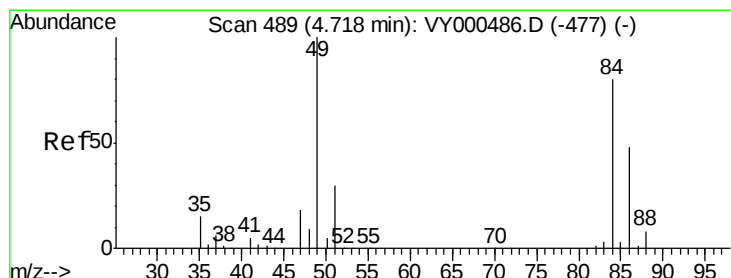
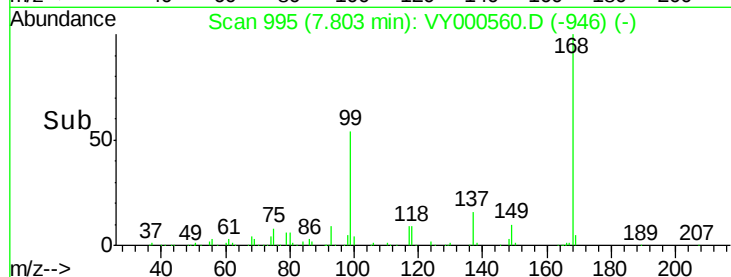
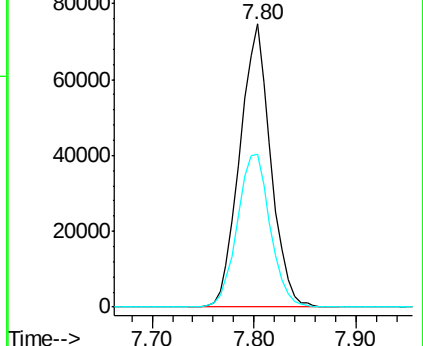
168 100

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) (-)



#20

Methylene Chloride

Concen: 10.999 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.01 min

Lab File: VY000560.D

Acq: 06 Nov 2019 18:30

Tgt Ion: 84 Resp: 21092

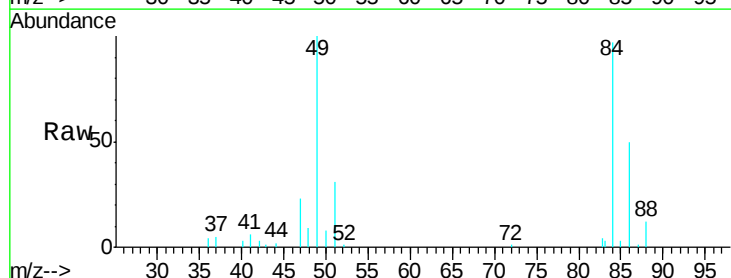
Ion Ratio Lower Upper

84 100

49 103.5 100.2 150.4

51 32.1 29.6 44.4

86 51.9 48.3 72.5

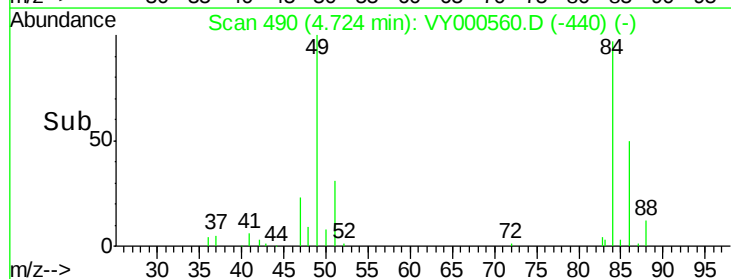
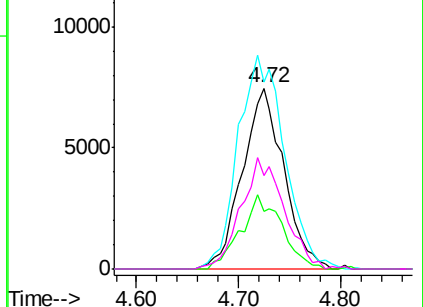


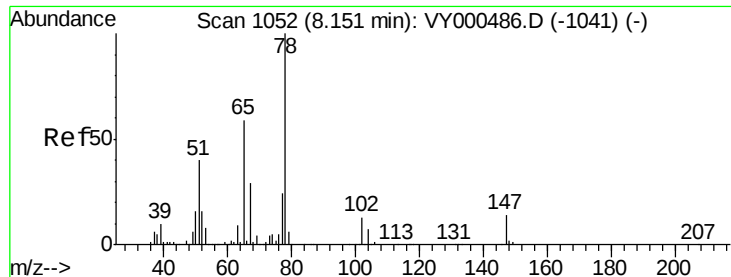
Abundance Ion 83.90 (83.60 to 84.60): VY000486.D (-477) (-)

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) (-)





#33

1,2-Dichloroethane-d4

Concen: 55.466 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000560.D

Acq: 06 Nov 2019 18:30

Instrument :

MSVOA_Y

ClientSampleId :

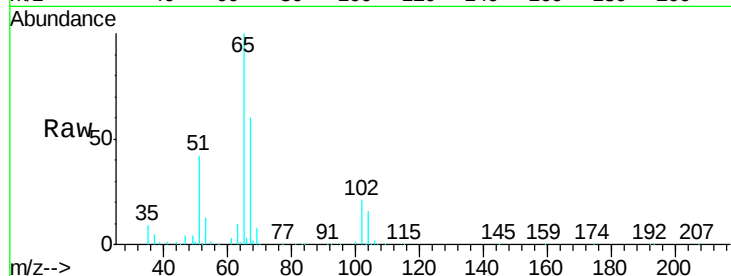
7-A

Tgt Ion: 65 Resp: 90066

Ion Ratio Lower Upper

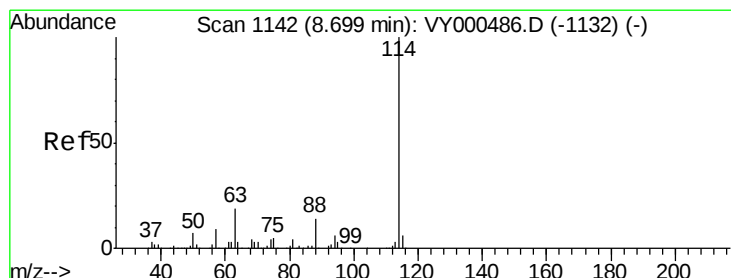
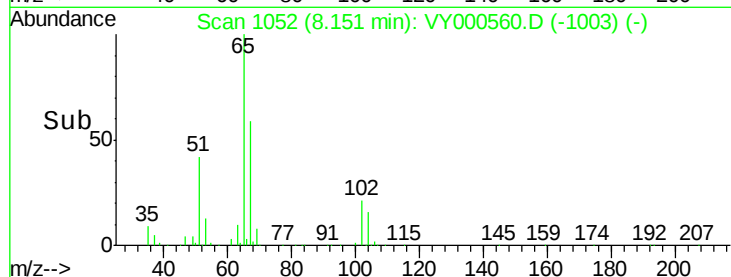
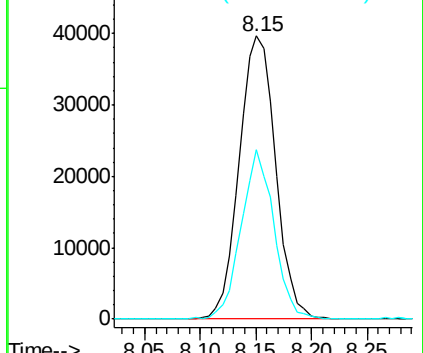
65 100

67 54.1 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) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000560.D

Acq: 06 Nov 2019 18:30

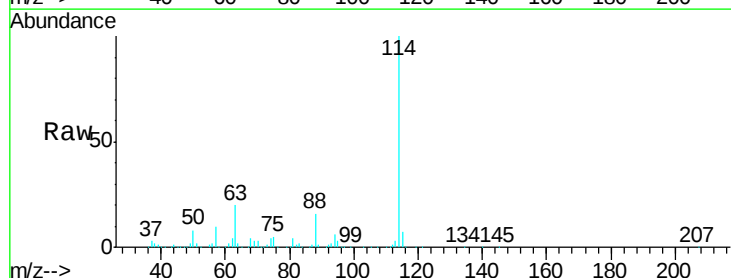
Tgt Ion: 114 Resp: 278868

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.0

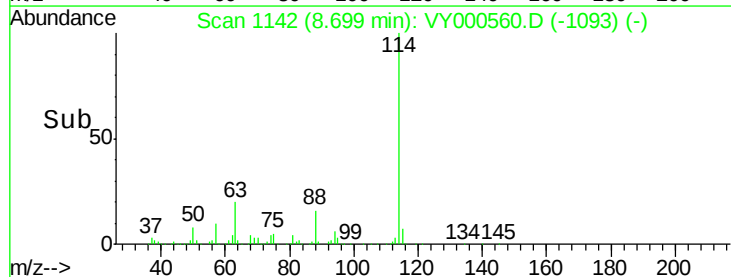
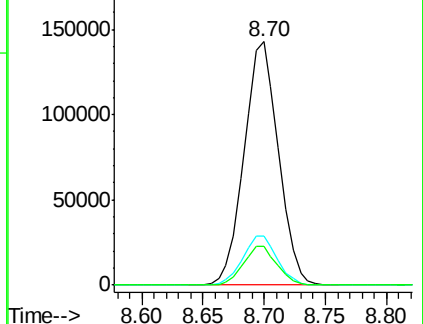
88 15.7 0.0 28.6

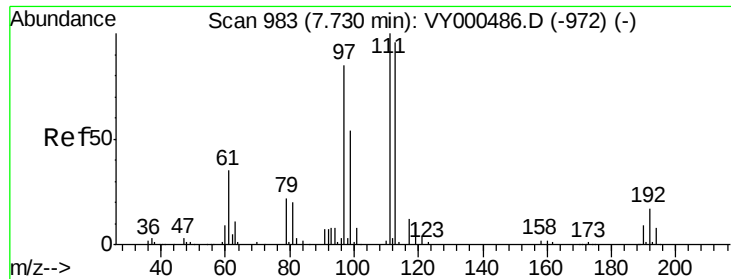


Abundance Ion 113.90 (113.60 to 114.60): VY000486.D (-1132) (-)

Ion 63.00 (62.70 to 63.30): VY000486.D (-1132) (-)

Ion 87.90 (87.60 to 88.60): VY000486.D (-1132) (-)





#35

Dibromofluoromethane

Concen: 50.770 ug/l

RT: 7.73 min Scan# 983

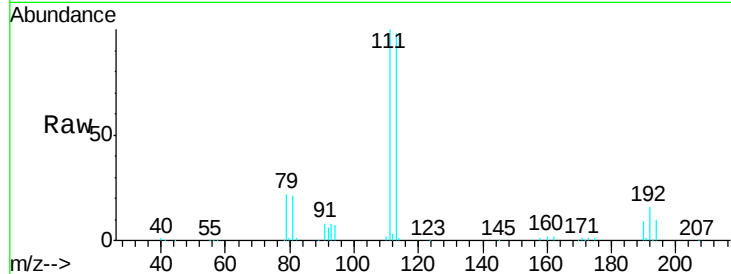
Delta R.T. -0.00 min

Lab File: VY000560.D

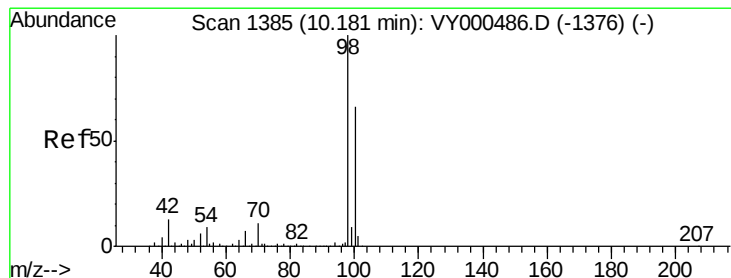
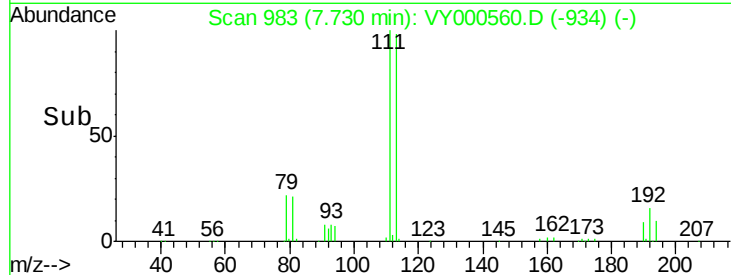
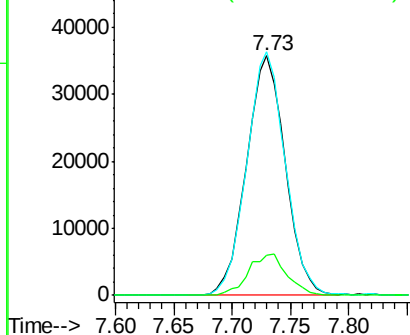
Acq: 06 Nov 2019 18:30

Instrument :
MSVOA_Y
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Tgt Ion:	113	Resp:	83117
Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.7	122.5
192	17.3	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: 53.919 ug/l

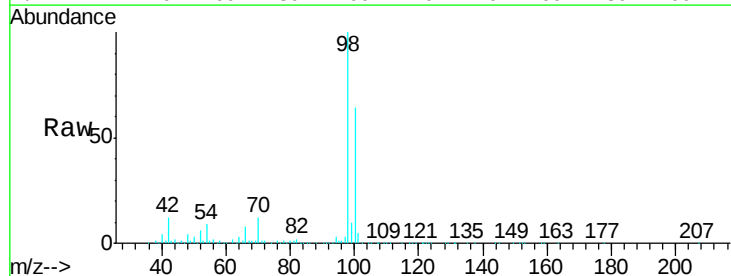
RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

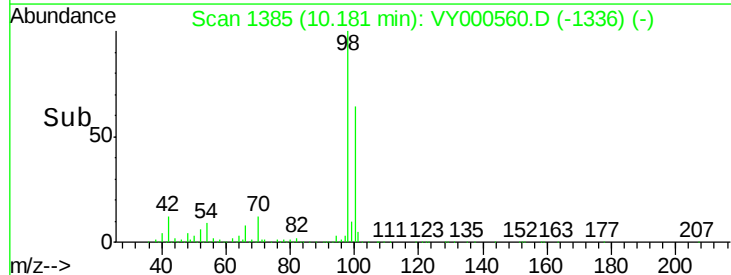
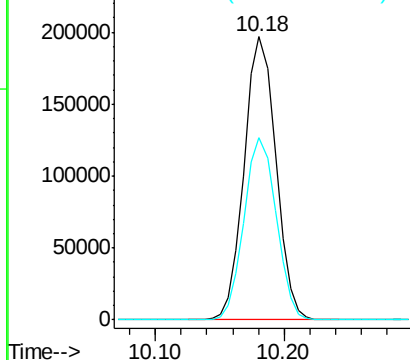
Lab File: VY000560.D

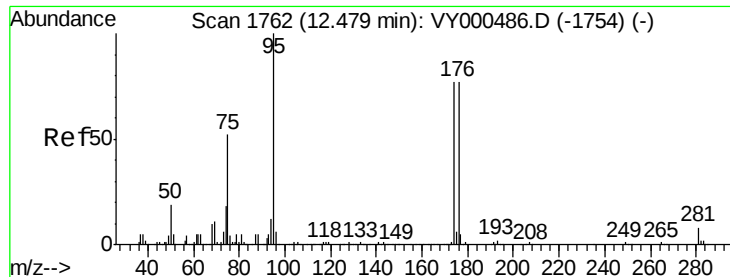
Acq: 06 Nov 2019 18:30

Tgt Ion:	98	Resp:	334945
Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.9	79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#62

4-Bromofluorobenzene

Concen: 48.009 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000560.D

Acq: 06 Nov 2019 18:30

Instrument :

MSVOA_Y

ClientSampleId :

7-A

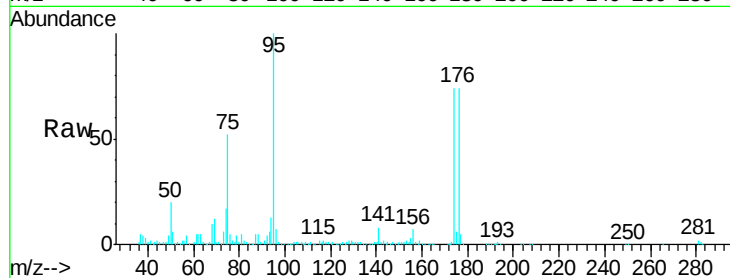
Tgt Ion: 95 Resp: 113536

Ion Ratio Lower Upper

95 100

174 75.9 0.0 161.6

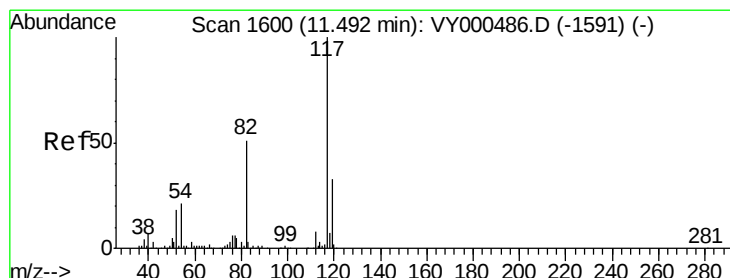
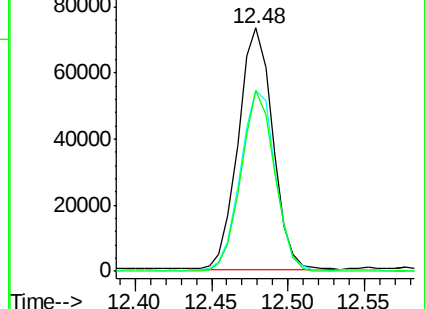
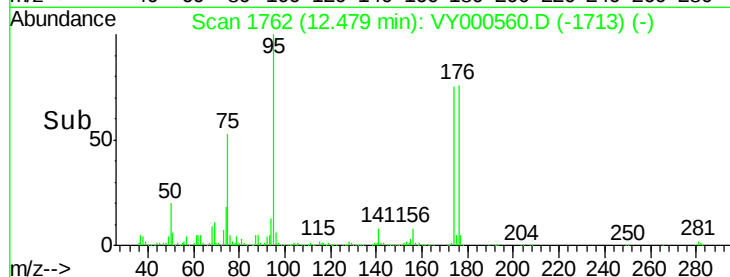
176 73.2 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VY000560.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY000560.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY000560.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY000560.D

Acq: 06 Nov 2019 18:30

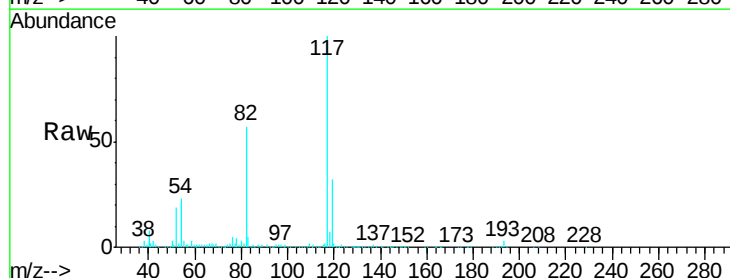
Tgt Ion: 117 Resp: 249734

Ion Ratio Lower Upper

117 100

82 56.0 40.8 61.2

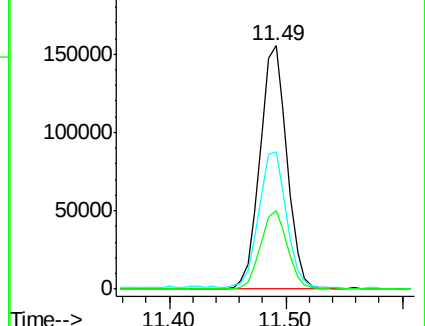
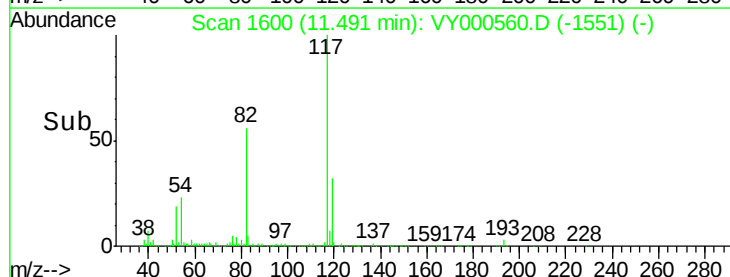
119 31.9 26.2 39.2

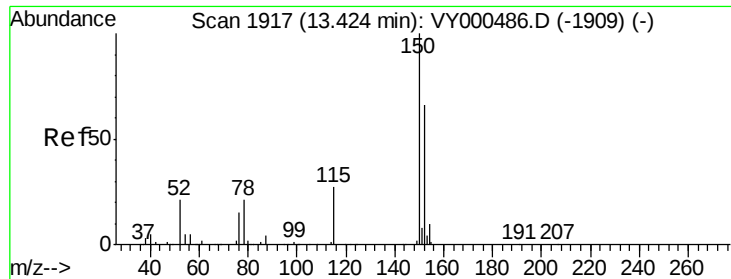


Abundance Ion 116.90 (116.60 to 117.60): VY000560.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY000560.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY000560.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: VY000560.D
 Acq: 06 Nov 2019 18:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 7-A

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.1	87.4
150	157.8	0.0	348.8

