

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
 Data File : VY000563.D
 Acq On : 06 Nov 2019 19:36
 Operator : SY/MD
 Sample : K5723-04
 Misc : 7.1G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 8-A

Quant Time: Nov 07 06:24:07 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

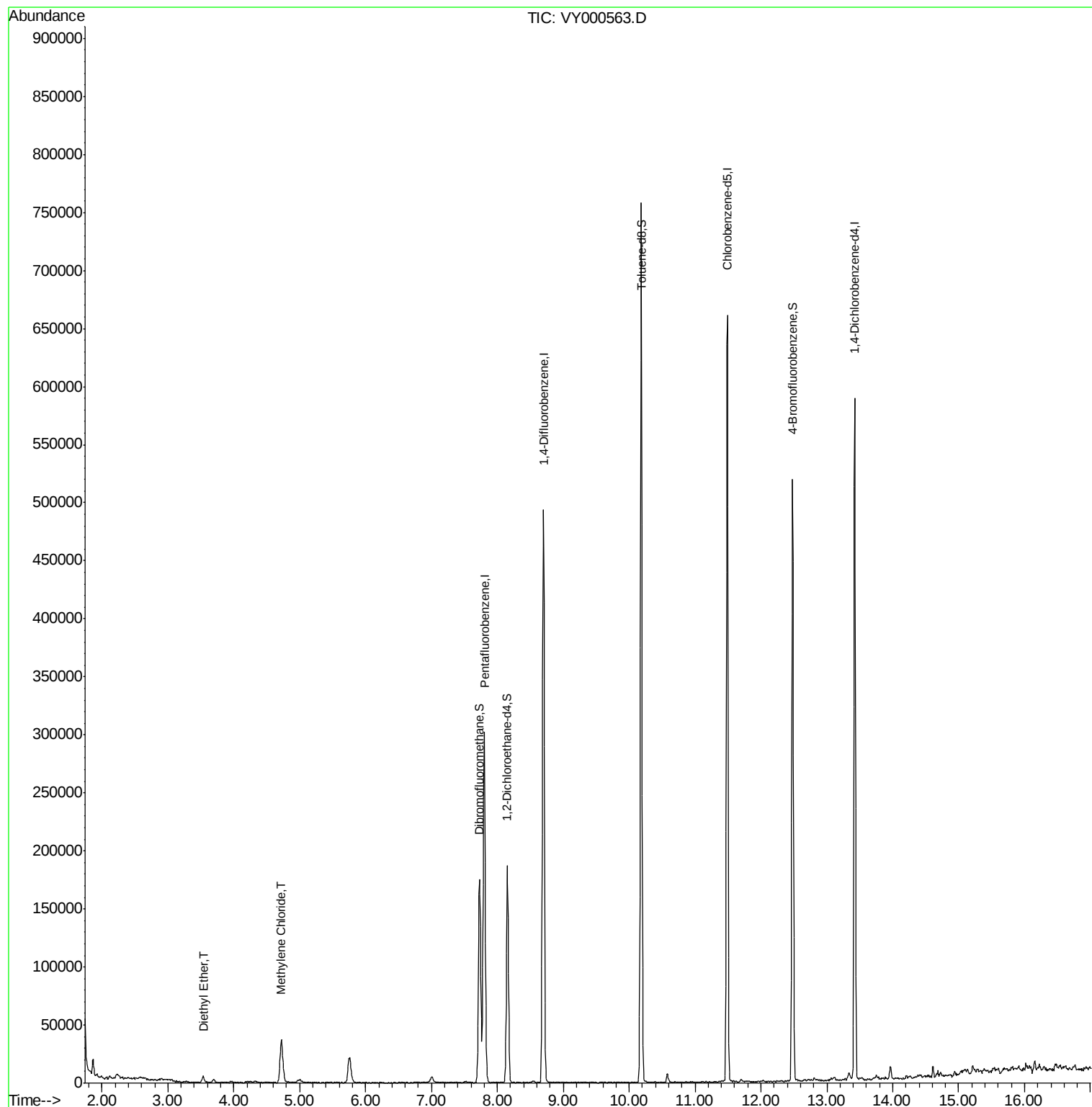
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	229205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	413924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	354234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	135565	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	141335	59.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.18%	
35) Dibromofluoromethane	7.73	113	121387	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
50) Toluene-d8	10.18	98	477025	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.48	95	147103	41.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.82%	
Target Compounds						
8) Diethyl Ether	3.53	74	3181	2.297	ug/l	98
20) Methylene Chloride	4.72	84	26281	9.382	ug/l	94

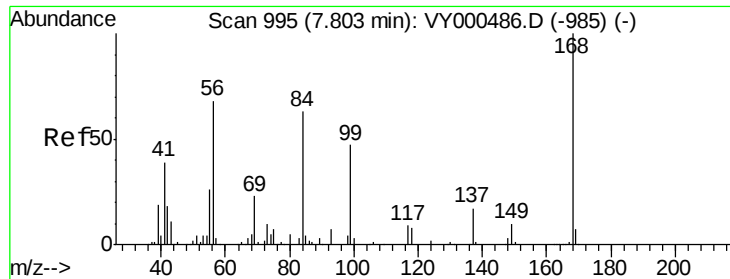
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000563.D

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MSVOA_Y

ClientSampleId :

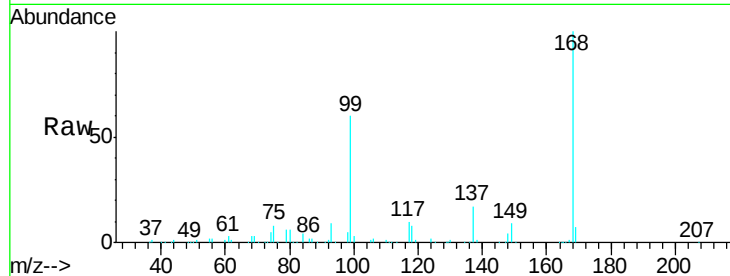
8-A

Tgt Ion:168 Resp: 229205

Ion Ratio Lower Upper

168 100

99 59.9 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

100000

80000

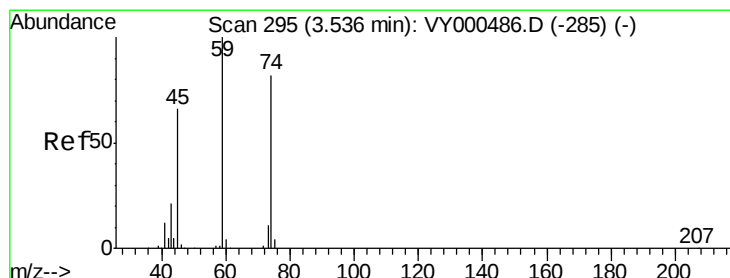
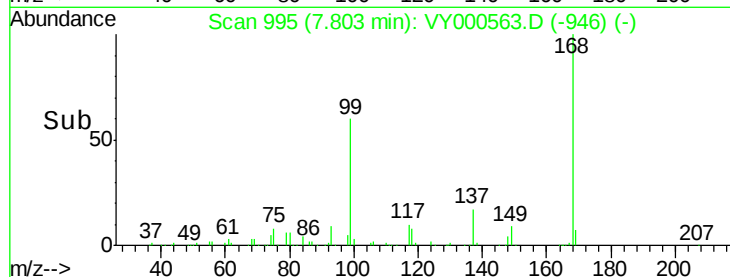
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 2.297 ug/l

RT: 3.53 min Scan# 294

Delta R.T. -0.01 min

Lab File: VY000563.D

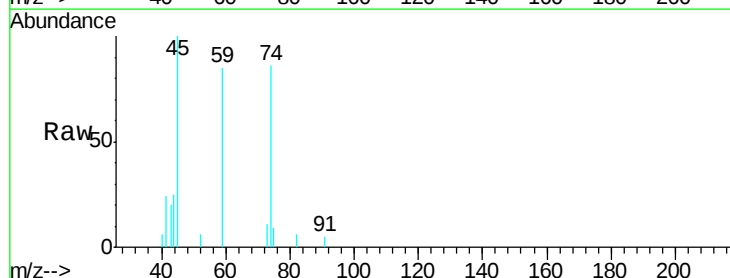
Acq: 06 Nov 2019 19:36

Tgt Ion: 74 Resp: 3181

Ion Ratio Lower Upper

74 100

45 92.5 45.5 136.4



Abundance Ion 74.00 (73.70 to 74.70): VY000486.D (-285) (-)

Ion 45.00 (44.70 to 45.70): VY000486.D (-285) (-)

3.53

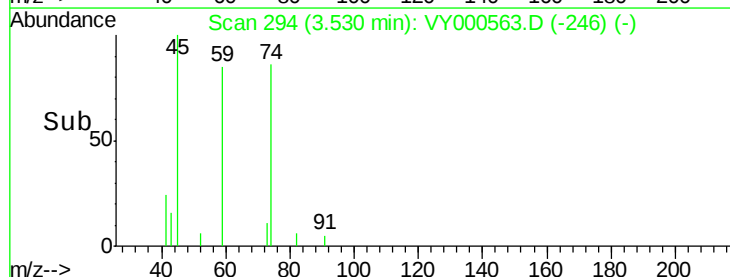
1500

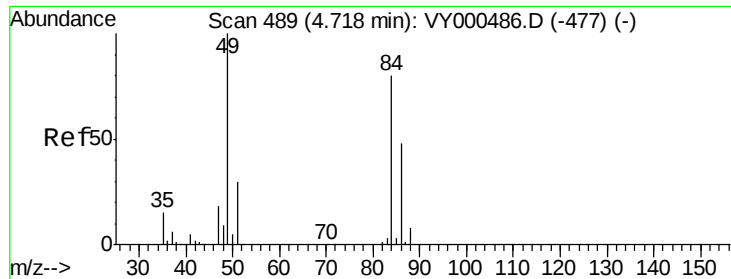
1000

500

0

Time-->

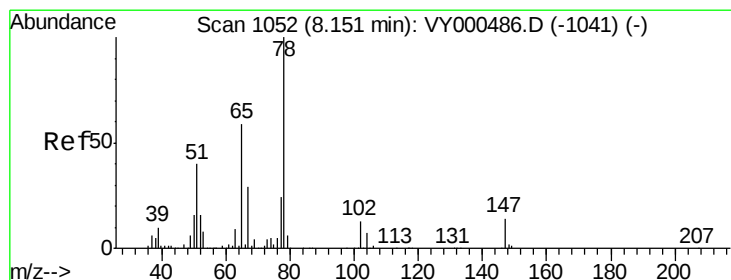
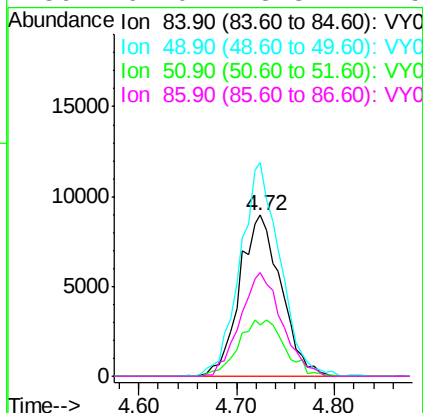
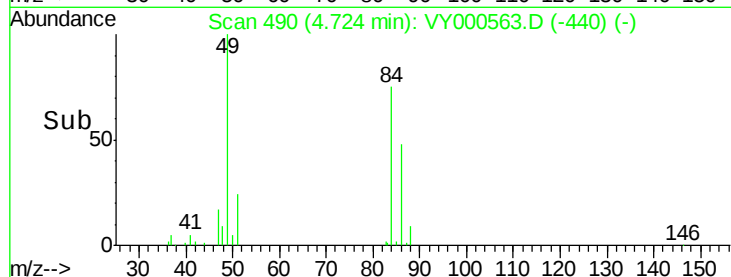
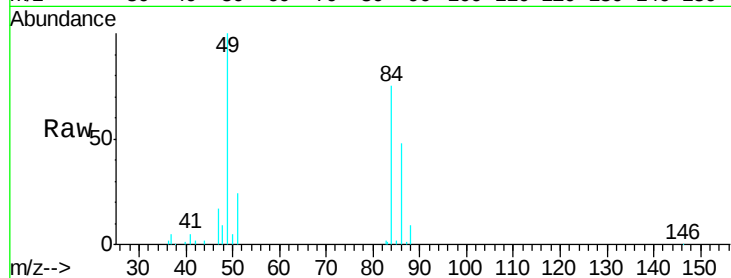




#20
Methylene Chloride
Concen: 9.382 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000563.D
Acq: 06 Nov 2019 19:36

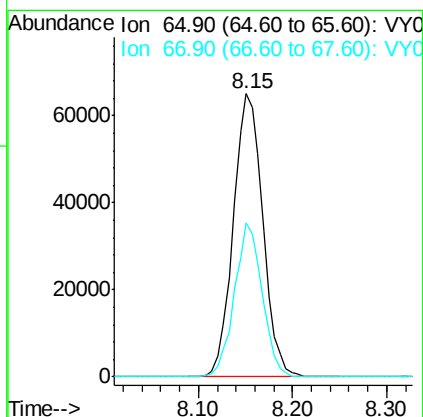
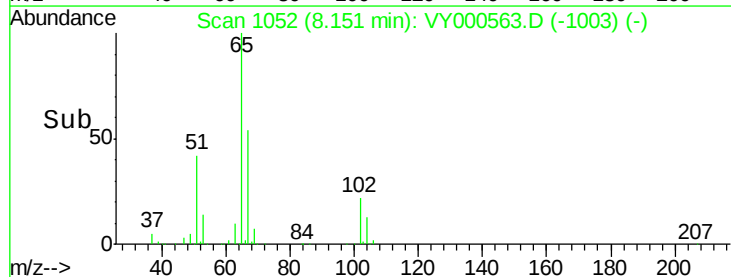
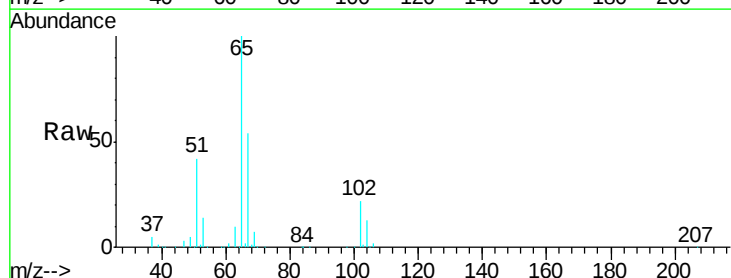
Instrument :
MSVOA_Y
ClientSampled :
8-A

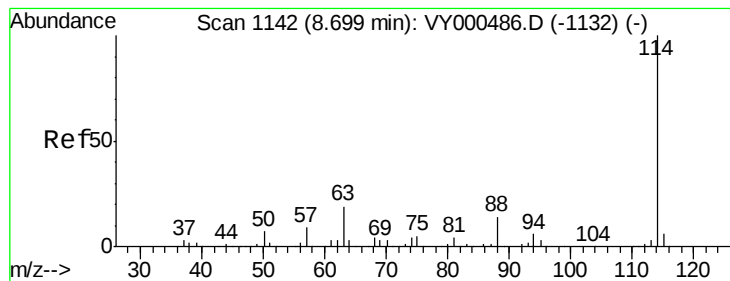
Tgt Ion: 84 Resp: 26281
Ion Ratio Lower Upper
84 100
49 131.9 100.2 150.4
51 32.1 29.6 44.4
86 64.0 48.3 72.5



#33
1,2-Dichloroethane-d4
Concen: 59.585 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000563.D
Acq: 06 Nov 2019 19:36

Tgt Ion: 65 Resp: 141335
Ion Ratio Lower Upper
65 100
67 51.2 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: VY000563.D

Acq: 06 Nov 2019 19:36

Instrument :

MSVOA_Y

ClientSampled :

8-A

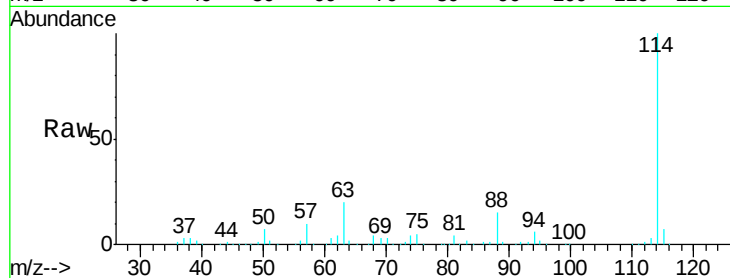
Tgt Ion:114 Resp: 413924

Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.0

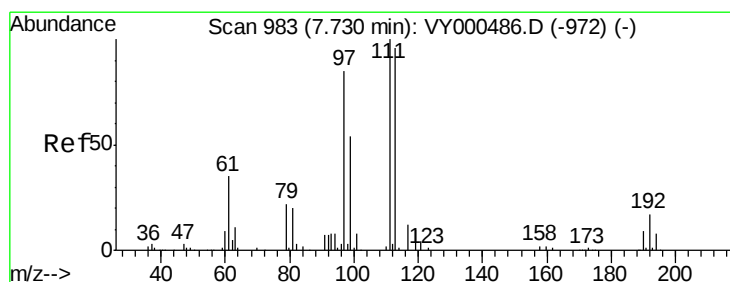
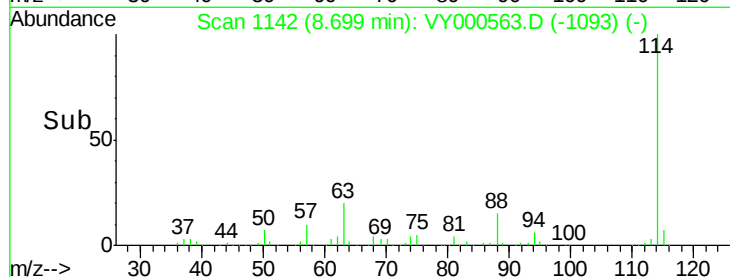
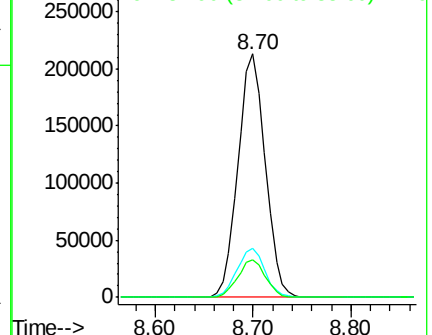
88 15.4 0.0 28.6



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: 49.953 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000563.D

Acq: 06 Nov 2019 19:36

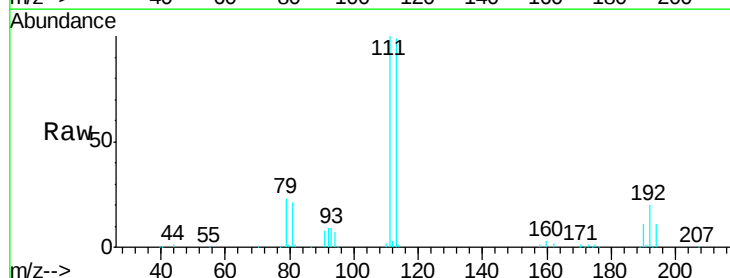
Tgt Ion:113 Resp: 121387

Ion Ratio Lower Upper

113 100

111 104.9 81.7 122.5

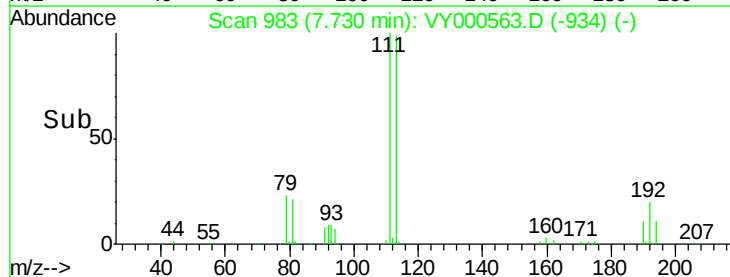
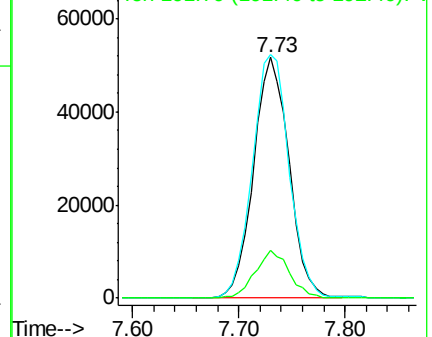
192 19.1 15.0 22.4

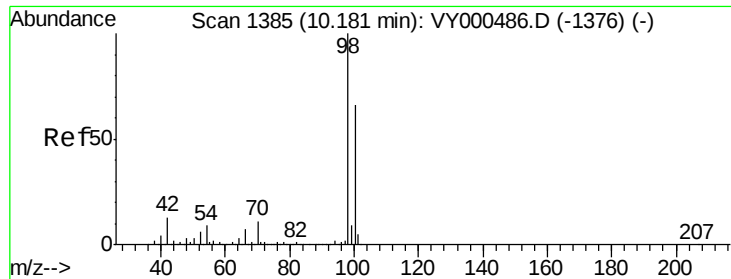


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.735 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000563.D

Acq: 06 Nov 2019 19:36

Instrument :

MSVOA_Y

ClientSampleId :

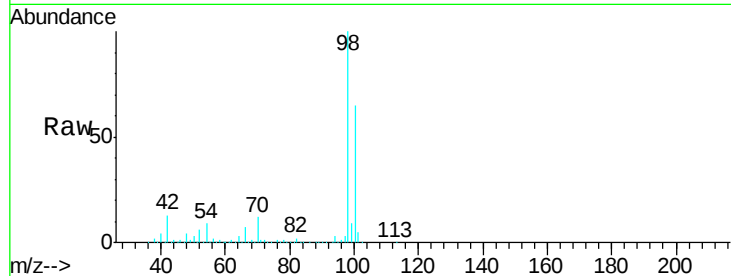
8-A

Tgt Ion: 98 Resp: 477025

Ion Ratio Lower Upper

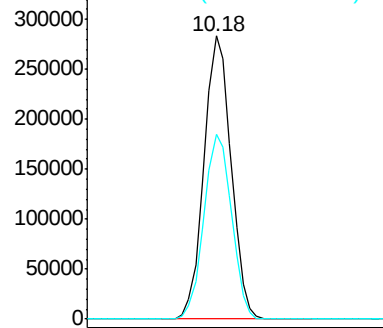
98 100

100 66.8 52.9 79.3

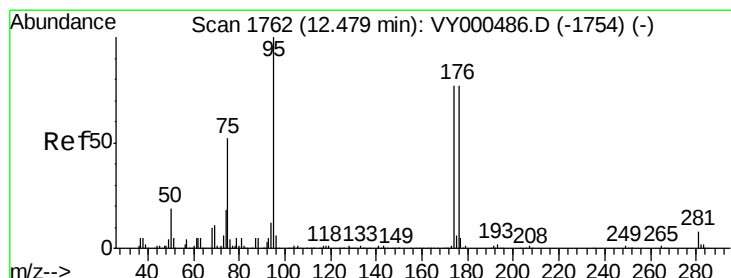
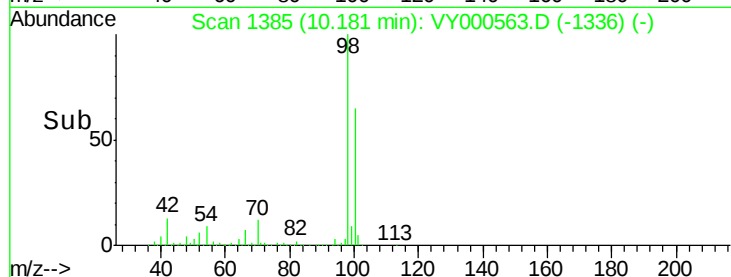


Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



Time-->



#62

4-Bromofluorobenzene

Concen: 41.907 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000563.D

Acq: 06 Nov 2019 19:36

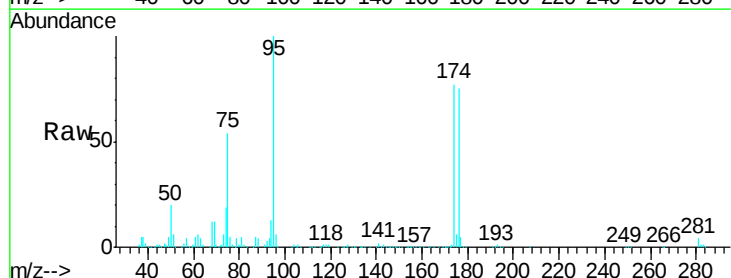
Tgt Ion: 95 Resp: 147103

Ion Ratio Lower Upper

95 100

174 79.8 0.0 161.6

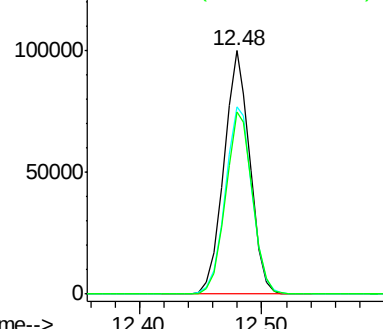
176 77.7 0.0 157.8



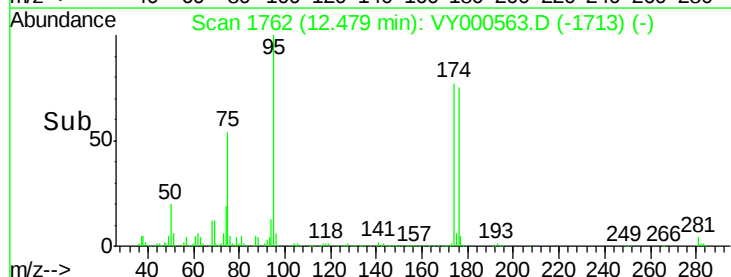
Abundance Ion 94.90 (94.60 to 95.60): VY0

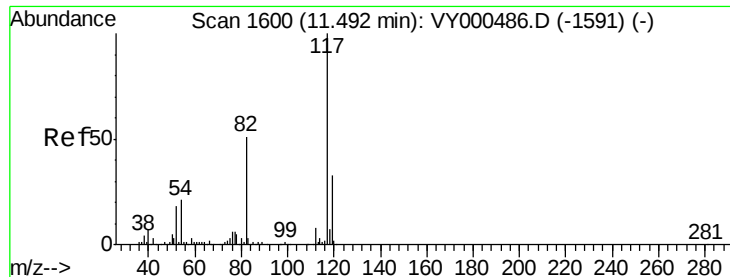
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

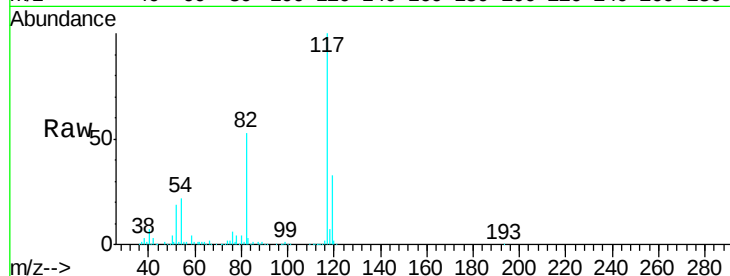




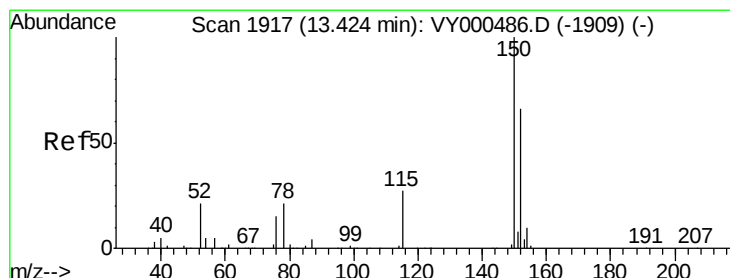
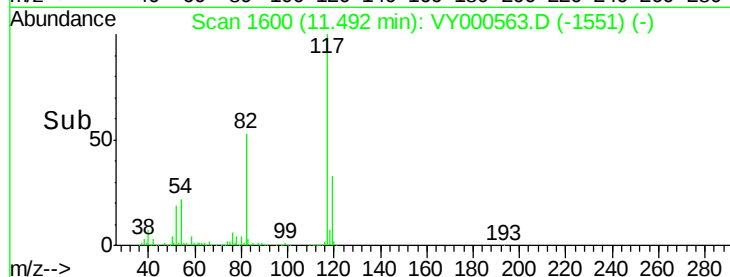
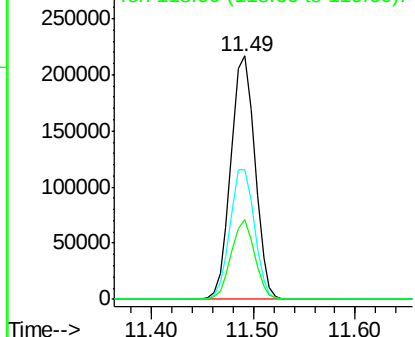
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000563.D
Acq: 06 Nov 2019 19:36

Instrument :
MSVOA_Y
ClientSampled :
8-A

Tgt Ion:117 Resp: 354234
Ion Ratio Lower Upper
117 100
82 53.2 40.8 61.2
119 32.8 26.2 39.2

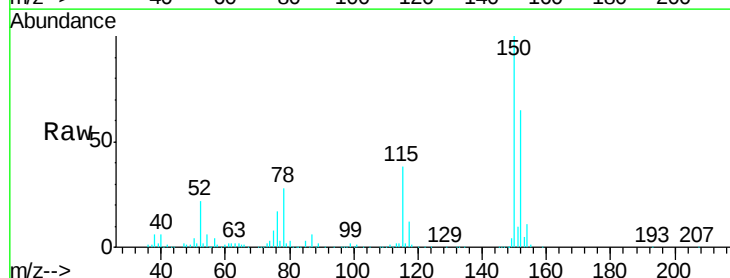


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000563.D
Acq: 06 Nov 2019 19:36

Tgt Ion:152 Resp: 135565
Ion Ratio Lower Upper
152 100
115 60.0 29.1 87.4
150 156.9 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

