

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
 Data File : VY000564.D
 Acq On : 06 Nov 2019 19:58
 Operator : SY/MD
 Sample : K5723-05
 Misc : 7.49G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 8-B

Quant Time: Nov 07 06:25:21 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

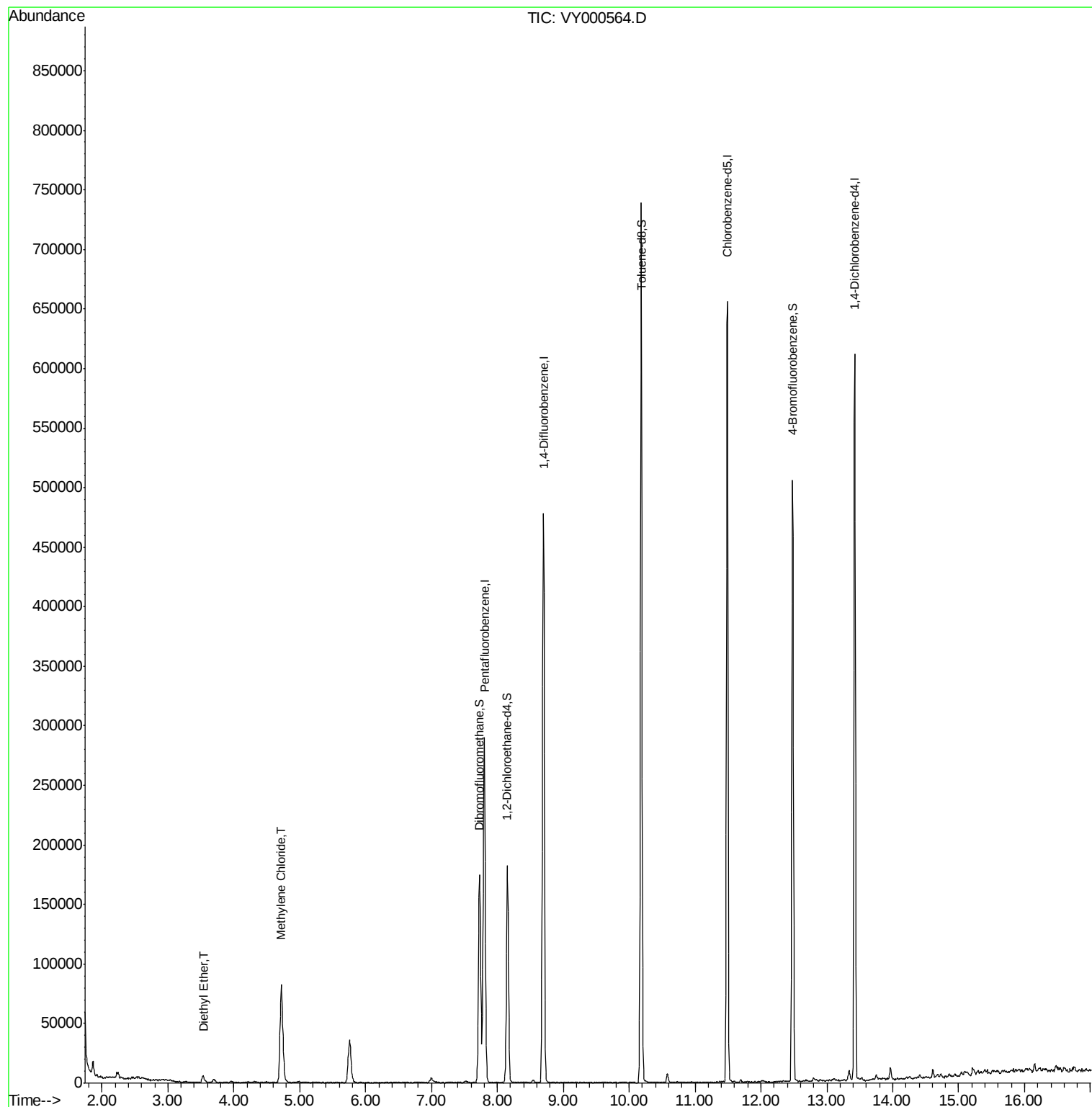
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	218011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	398841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	346853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	144333	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	140112	62.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.20%	
35) Dibromofluoromethane	7.73	113	119938	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
50) Toluene-d8	10.18	98	473890	53.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.68%	
62) 4-Bromofluorobenzene	12.48	95	150540	44.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.02%	
Target Compounds						
8) Diethyl Ether	3.54	74	3689	2.800	ug/l	88
20) Methylene Chloride	4.72	84	56645	21.260	ug/l	97

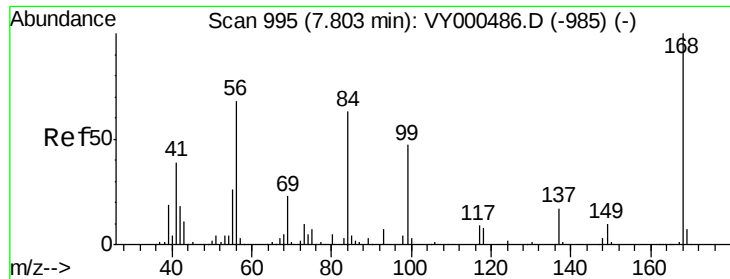
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000564.D

Acq: 06 Nov 2019 19:58

Instrument :

MSVOA_Y

ClientSampled :

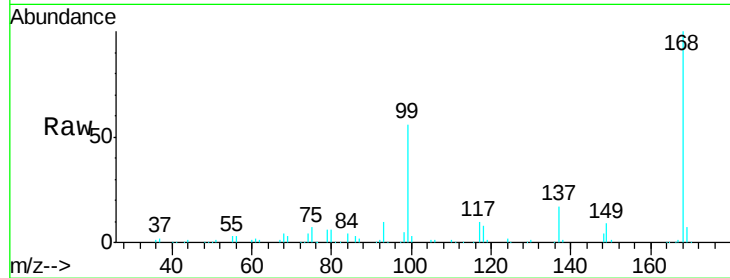
8-B

Tgt Ion: 168 Resp: 218011

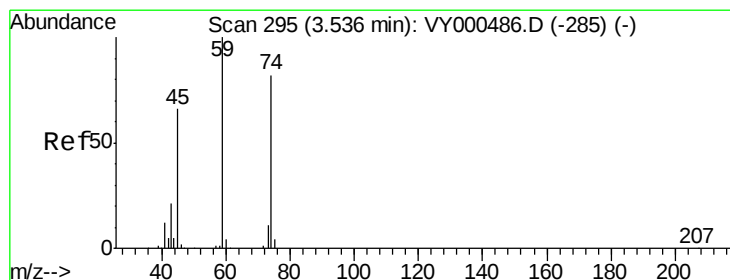
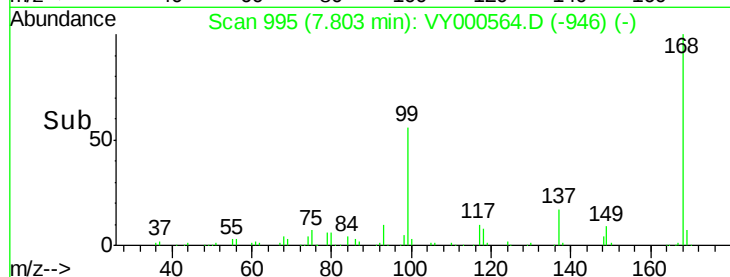
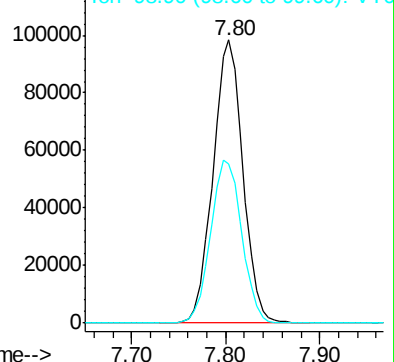
Ion Ratio Lower Upper

168 100

99 56.3 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)



#8

Diethyl Ether

Concen: 2.800 ug/l

RT: 3.54 min Scan# 296

Delta R.T. 0.01 min

Lab File: VY000564.D

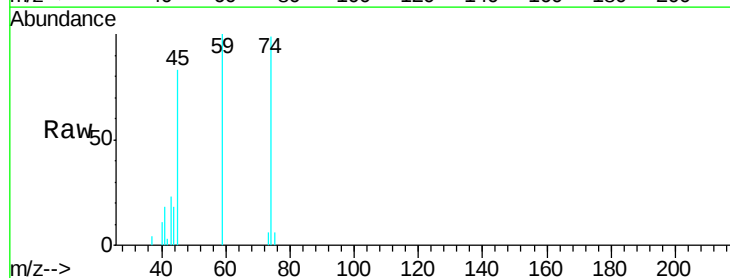
Acq: 06 Nov 2019 19:58

Tgt Ion: 74 Resp: 3689

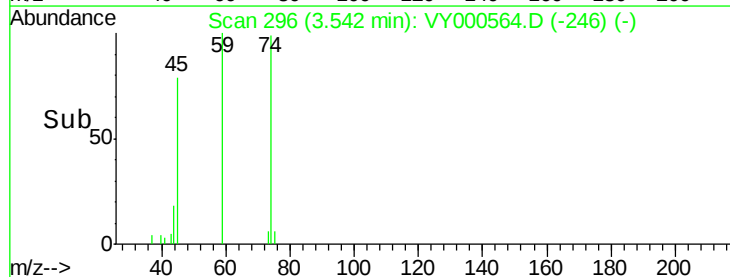
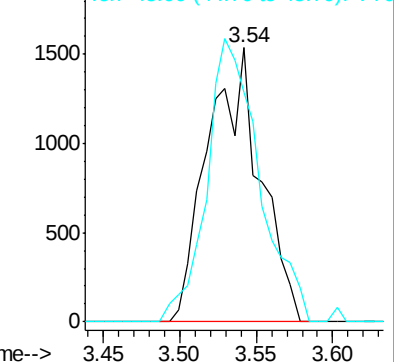
Ion Ratio Lower Upper

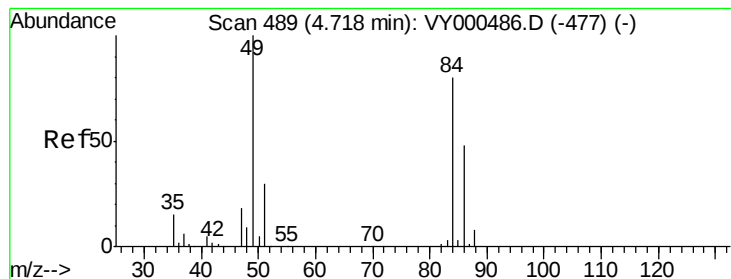
74 100

45 102.7 45.5 136.4



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





#20

Methylene Chloride

Concen: 21.260 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.01 min

Lab File: VY000564.D

Acq: 06 Nov 2019 19:58

Instrument :

MSVOA_Y

ClientSampleId :

8-B

Tgt Ion: 84 Resp: 56645

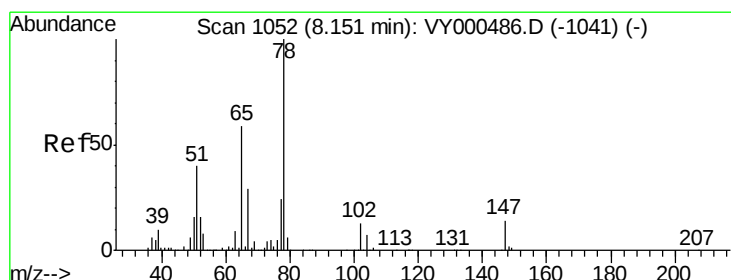
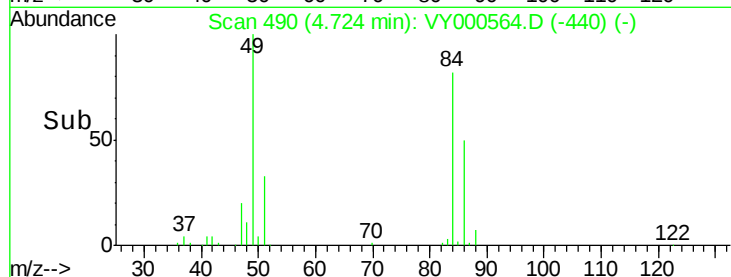
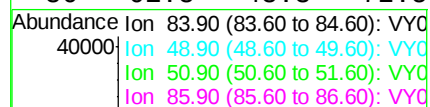
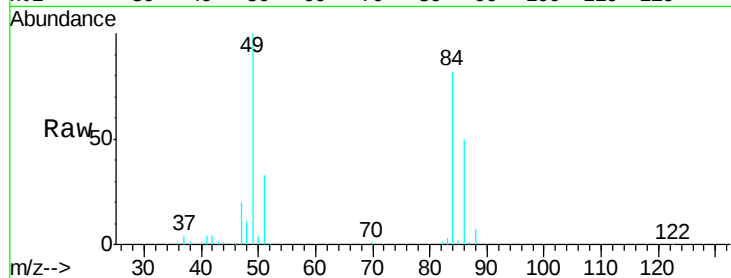
Ion Ratio Lower Upper

84 100

49 122.6 100.2 150.4

51 40.0 29.6 44.4

86 61.8 48.3 72.5



#33

1,2-Dichloroethane-d4

Concen: 62.103 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000564.D

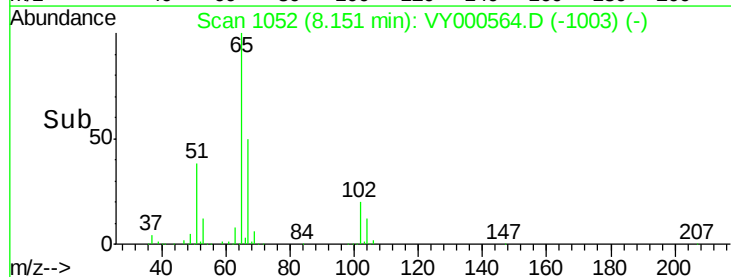
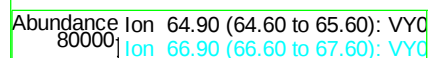
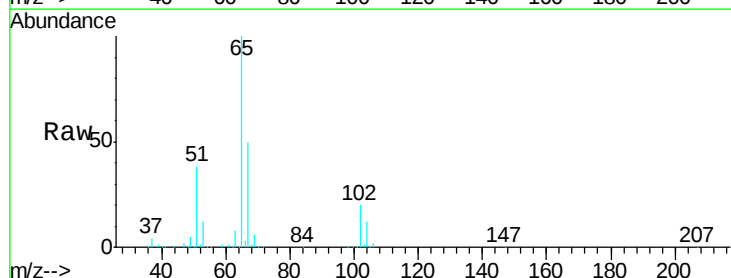
Acq: 06 Nov 2019 19:58

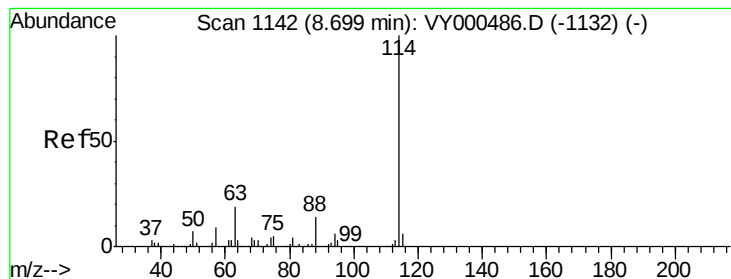
Tgt Ion: 65 Resp: 140112

Ion Ratio Lower Upper

65 100

67 52.2 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: VY000564.D

Acq: 06 Nov 2019 19:58

Instrument :

MSVOA_Y

ClientSampleId :

8-B

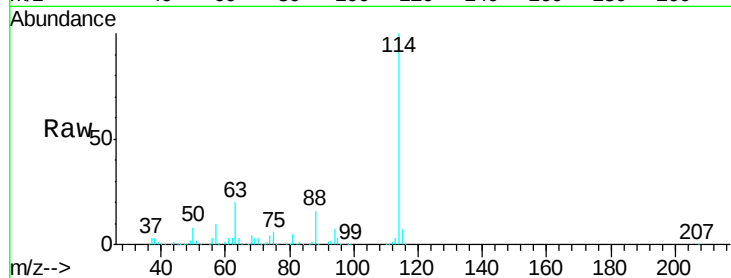
Tgt Ion:114 Resp: 398841

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.0

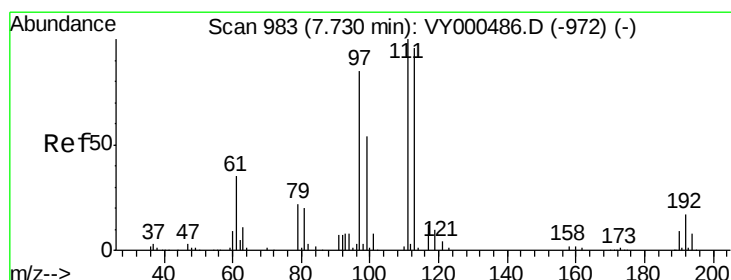
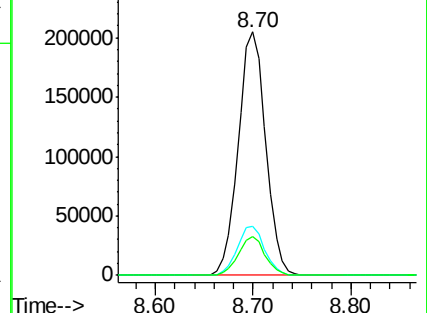
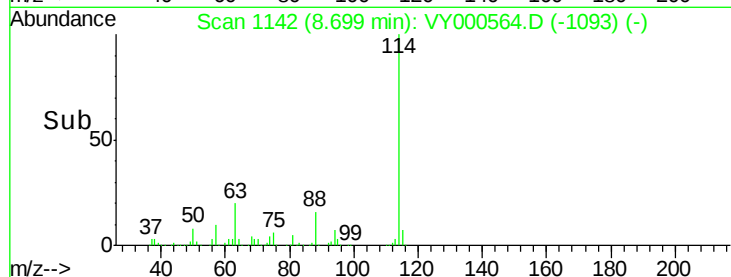
88 15.8 0.0 28.6



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: 51.224 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000564.D

Acq: 06 Nov 2019 19:58

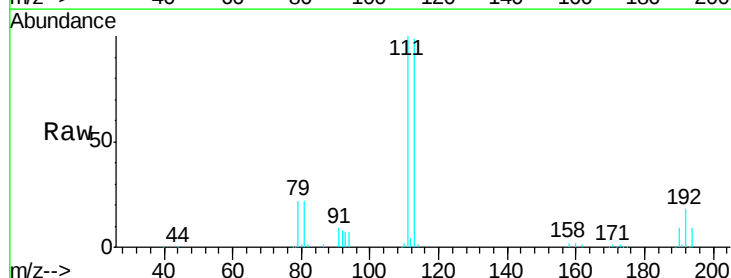
Tgt Ion:113 Resp: 119938

Ion Ratio Lower Upper

113 100

111 105.4 81.7 122.5

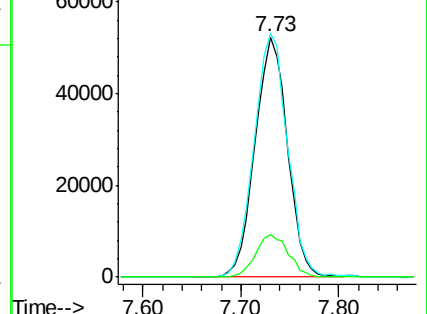
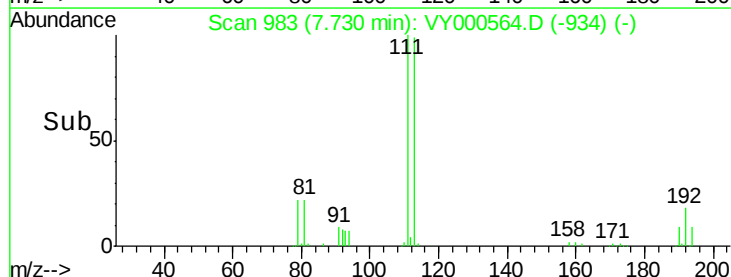
192 18.2 15.0 22.4

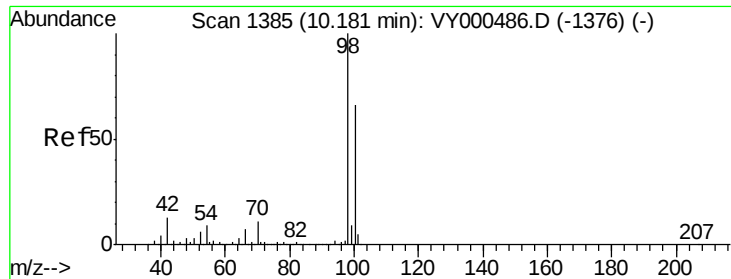


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.339 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000564.D

Acq: 06 Nov 2019 19:58

Instrument :

MSVOA_Y

ClientSampleId :

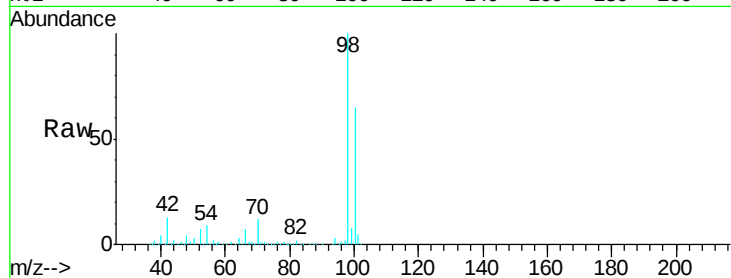
8-B

Tgt Ion: 98 Resp: 473890

Ion Ratio Lower Upper

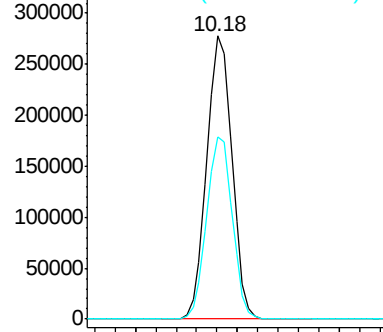
98 100

100 65.5 52.9 79.3

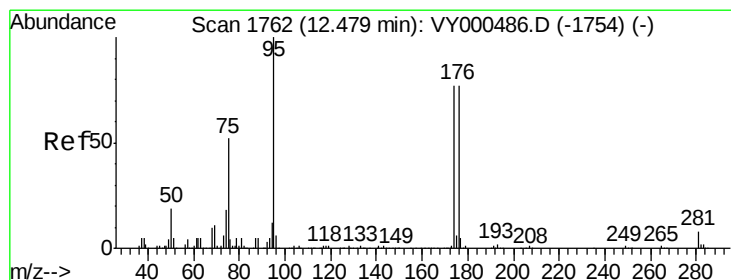
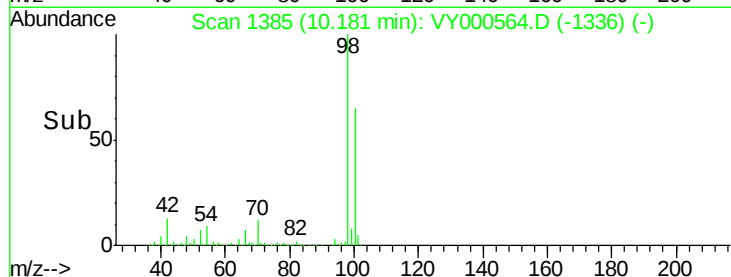


Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



Time-->



#62

4-Bromofluorobenzene

Concen: 44.508 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000564.D

Acq: 06 Nov 2019 19:58

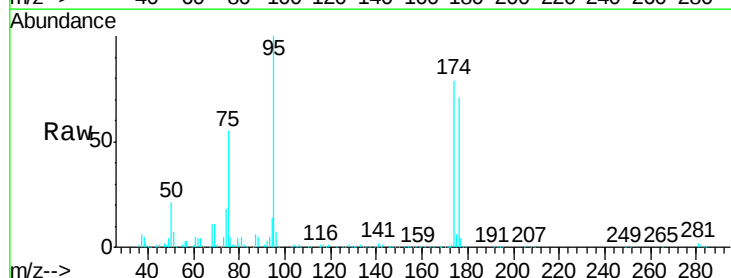
Tgt Ion: 95 Resp: 150540

Ion Ratio Lower Upper

95 100

174 78.7 0.0 161.6

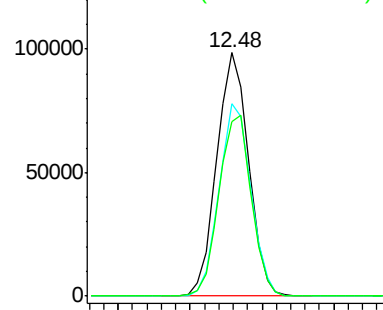
176 75.3 0.0 157.8



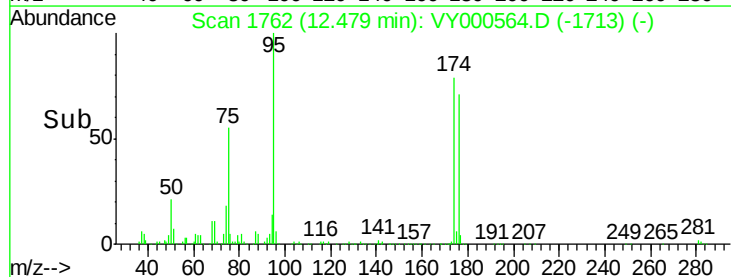
Abundance Ion 94.90 (94.60 to 95.60): VY0

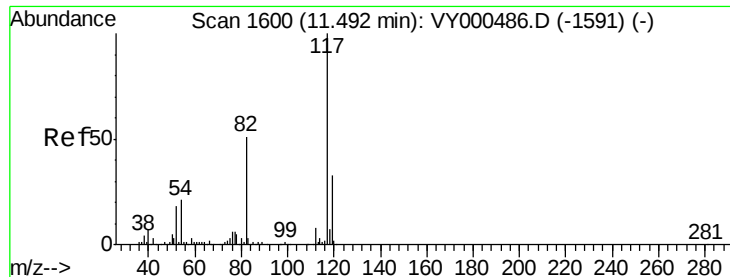
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

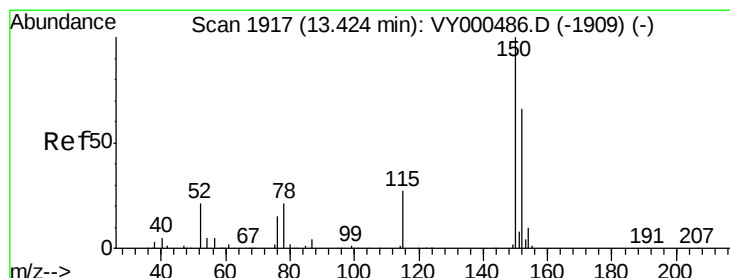
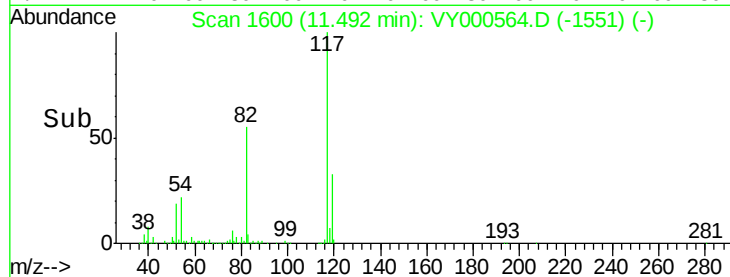
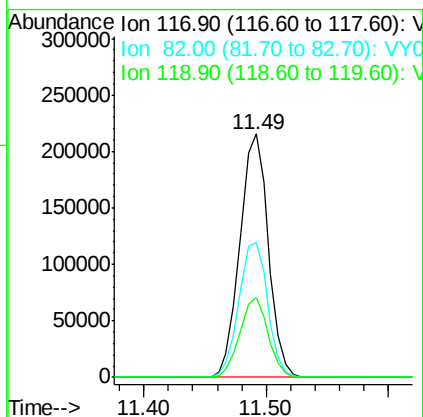
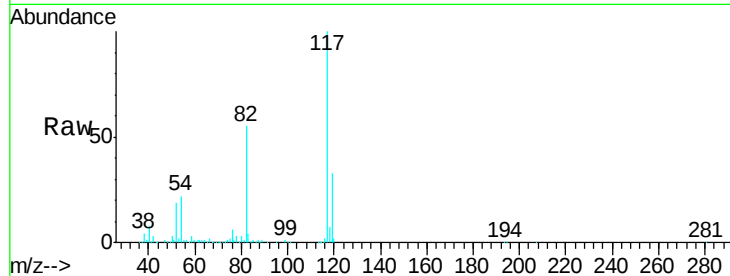




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000564.D
Acq: 06 Nov 2019 19:58

Instrument :
MSVOA_Y
ClientSampled :
8-B

Tgt Ion:117 Resp: 346853
Ion Ratio Lower Upper
117 100
82 55.4 40.8 61.2
119 33.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000564.D
Acq: 06 Nov 2019 19:58

Tgt Ion:152 Resp: 144333
Ion Ratio Lower Upper
152 100
115 60.1 29.1 87.4
150 155.2 0.0 348.8

