

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
 Data File : VY000584.D
 Acq On : 07 Nov 2019 16:34
 Operator : SY/MD
 Sample : K5723-15
 Misc : 2.82G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 10-D

Quant Time: Nov 08 05:58:39 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	5562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	12002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	11127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	5321	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	5037	87.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	175.02%	
35) Dibromofluoromethane	7.73	113	2247	31.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.78%	
50) Toluene-d8	10.18	98	14005	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.48	95	6060	59.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.08%	

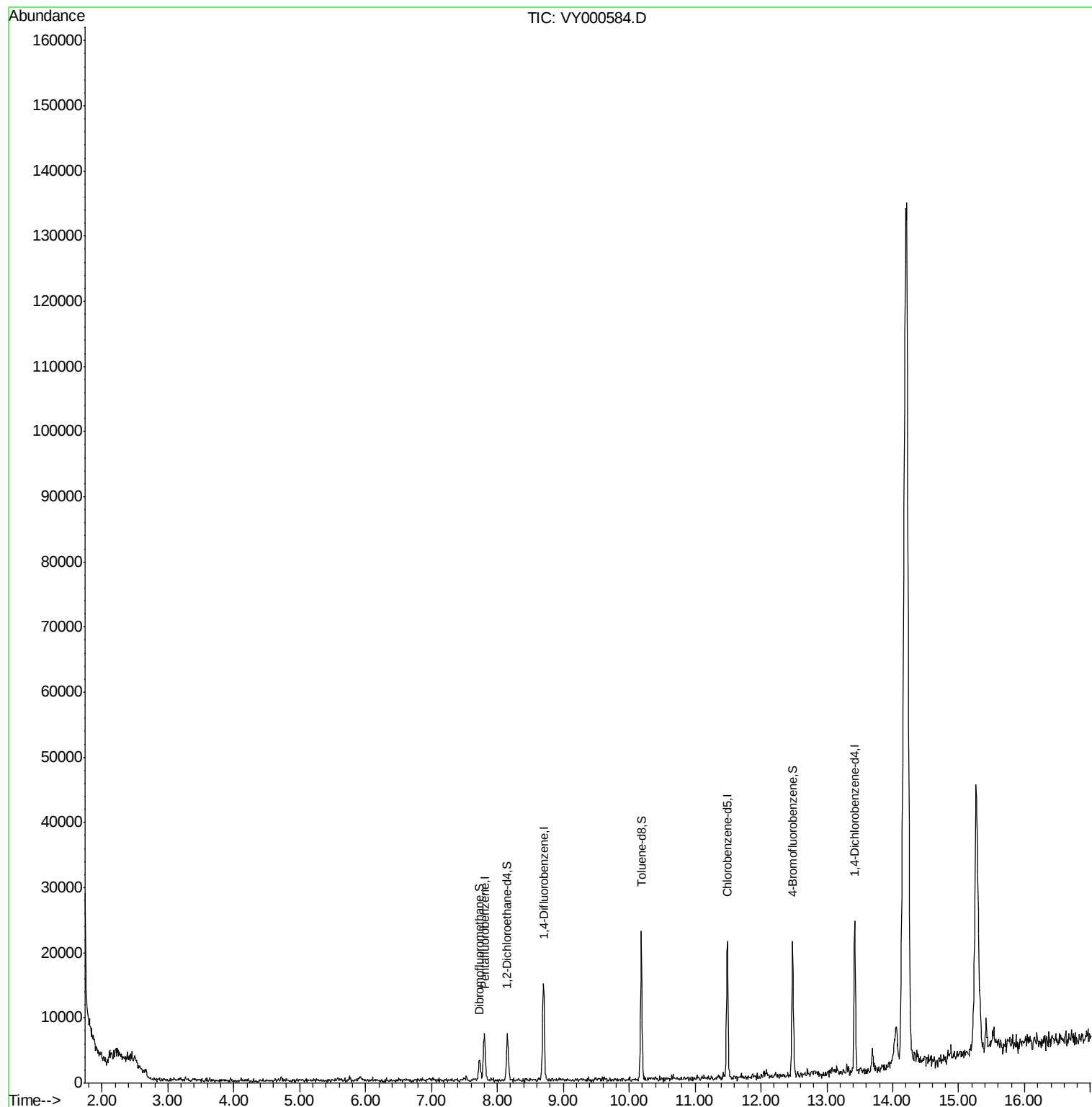
Target Compounds	Qvalue

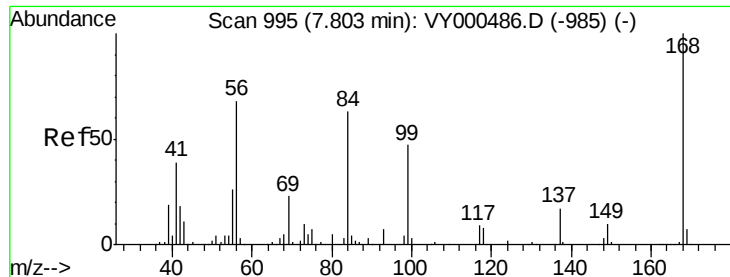
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000584.D

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MSVOA_Y

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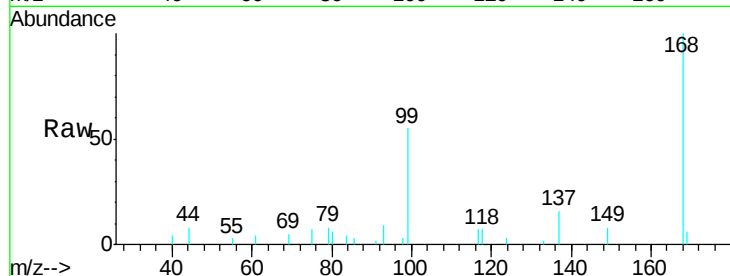
10-D

Tgt Ion:168 Resp: 5562

Ion Ratio Lower Upper

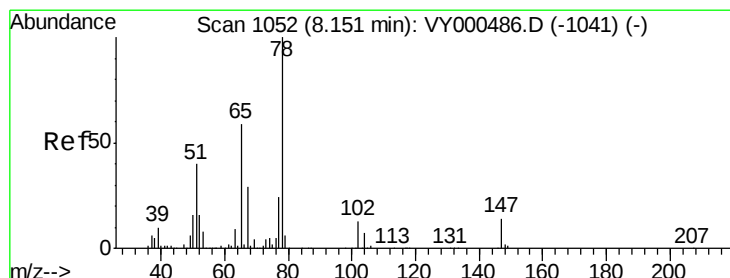
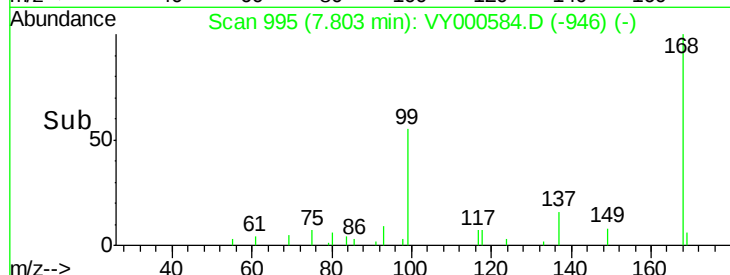
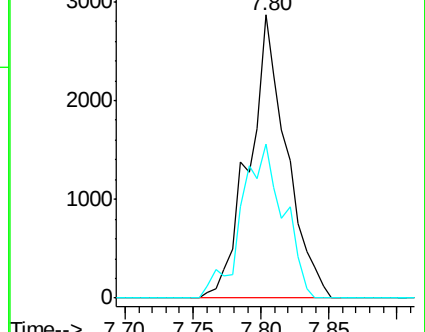
168 100

99 54.6 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) (-)



#33

1,2-Dichloroethane-d4

Concen: 87.510 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000584.D

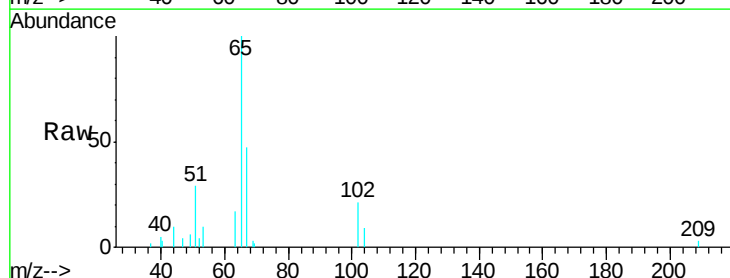
Acq: 07 Nov 2019 16:34

Tgt Ion: 65 Resp: 5037

Ion Ratio Lower Upper

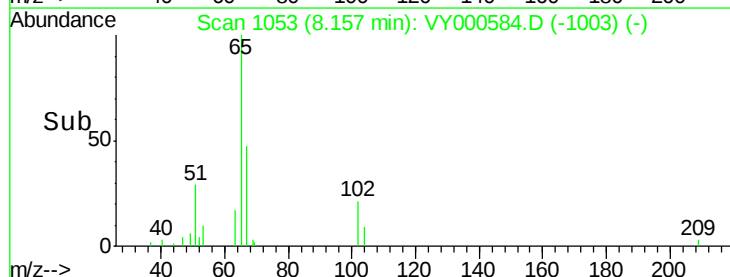
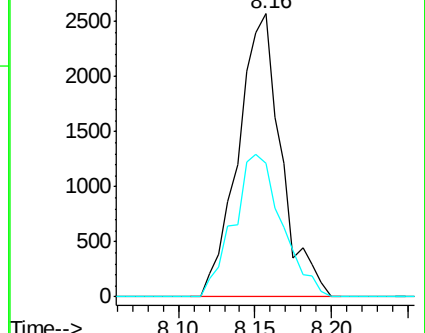
65 100

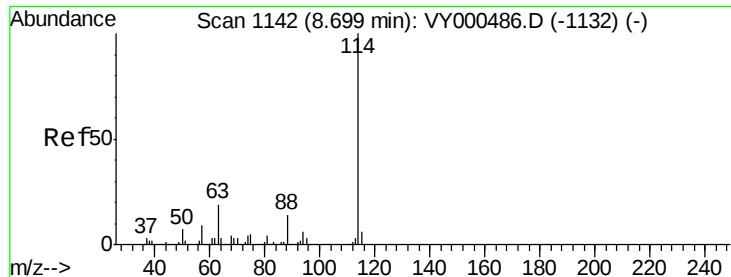
67 56.4 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY000486.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY000486.D (-1041) (-)

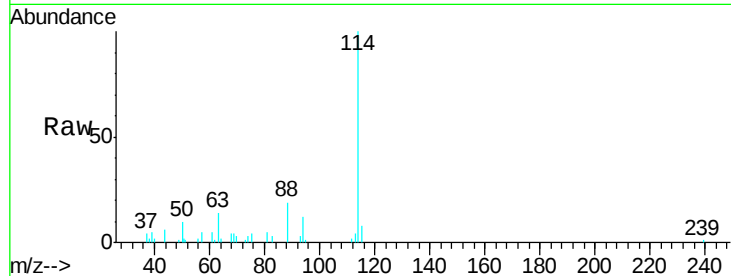




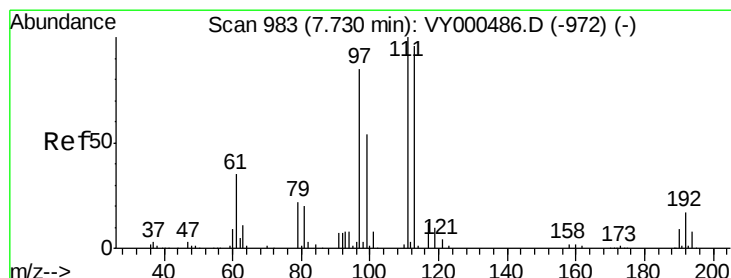
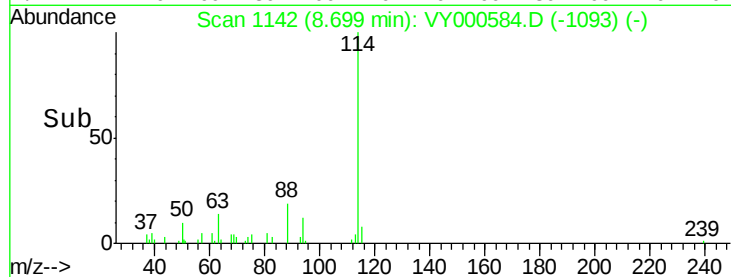
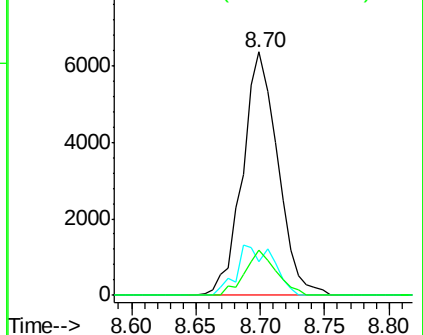
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000584.D
 Acq: 07 Nov 2019 16:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 10-D

Tgt Ion:114 Resp: 12002
 Ion Ratio Lower Upper
 114 100
 63 13.7 0.0 38.0
 88 18.5 0.0 28.6

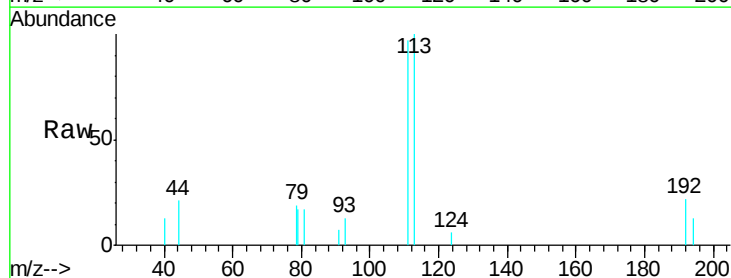


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

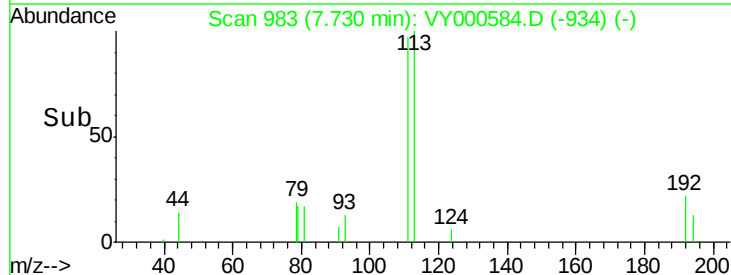
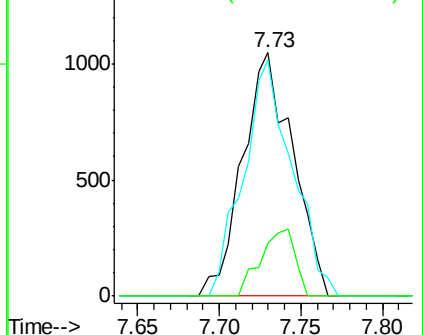


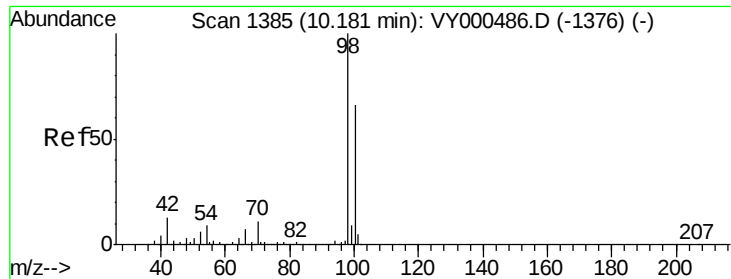
#35
 Dibromofluoromethane
 Concen: 31.891 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000584.D
 Acq: 07 Nov 2019 16:34

Tgt Ion:113 Resp: 2247
 Ion Ratio Lower Upper
 113 100
 111 94.5 81.7 122.5
 192 18.6 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: 52.383 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000584.D

Acq: 07 Nov 2019 16:34

Instrument :

MSVOA_Y

ClientSampleId :

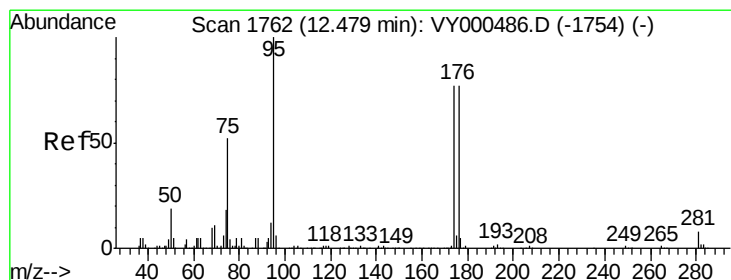
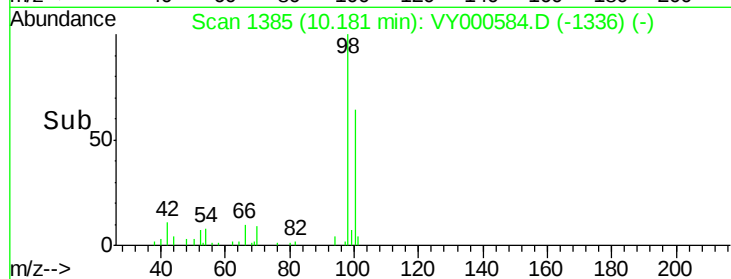
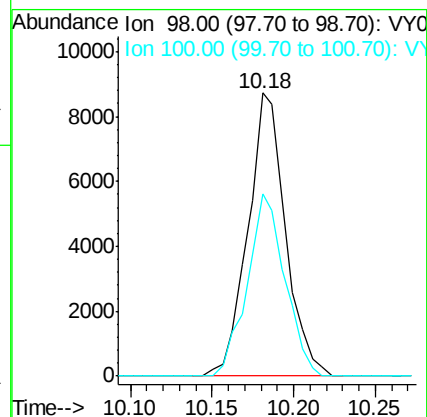
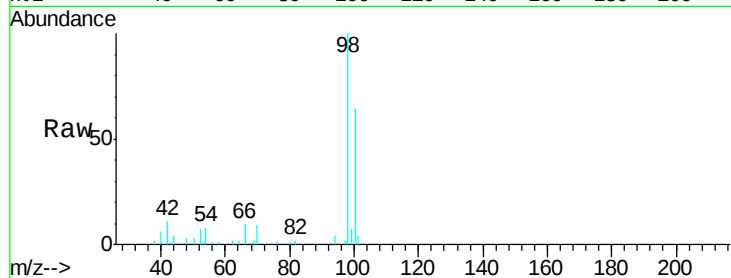
10-D

Tgt Ion: 98 Resp: 14005

Ion Ratio Lower Upper

98 100

100 64.5 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 59.540 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000584.D

Acq: 07 Nov 2019 16:34

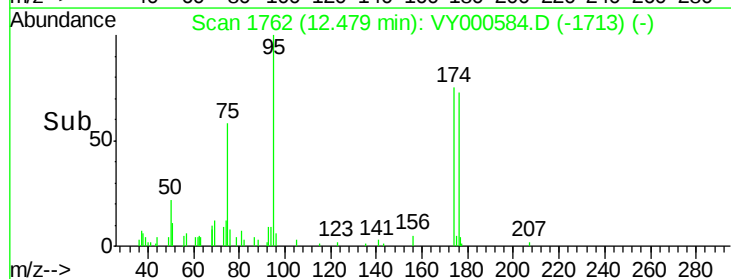
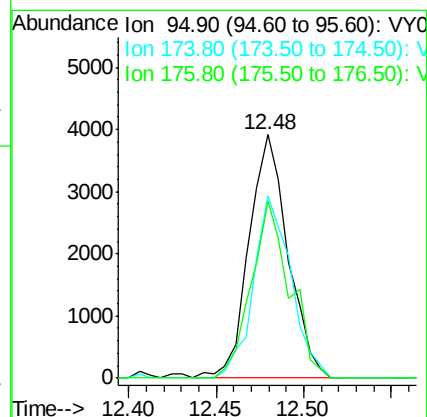
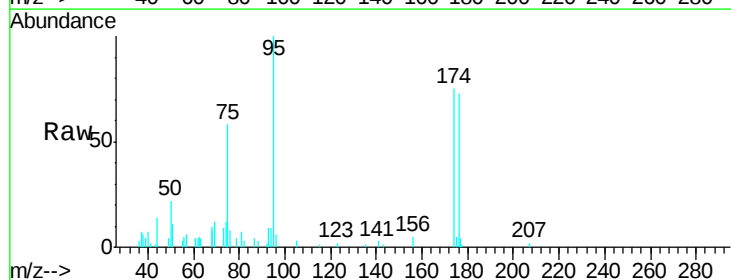
Tgt Ion: 95 Resp: 6060

Ion Ratio Lower Upper

95 100

174 72.2 0.0 161.6

176 71.9 0.0 157.8

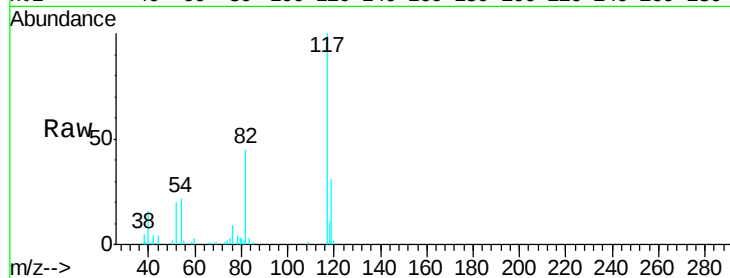




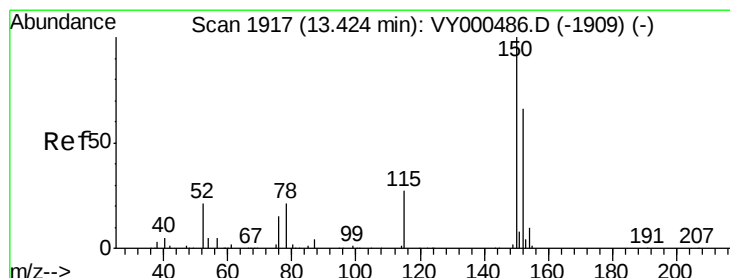
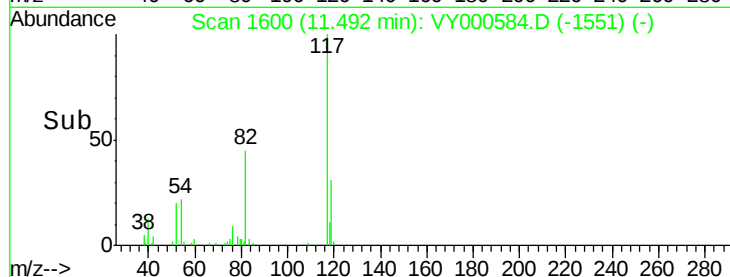
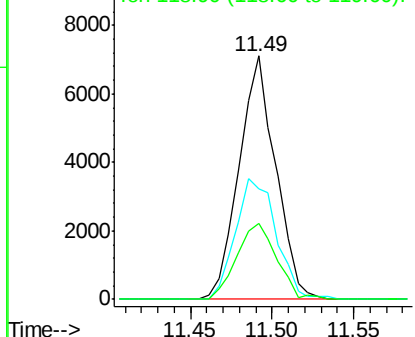
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000584.D
Acq: 07 Nov 2019 16:34

Instrument :
MSVOA_Y
ClientSampleId :
10-D

Tgt Ion:117 Resp: 11127
Ion Ratio Lower Upper
117 100
82 45.4 40.8 61.2
119 31.2 26.2 39.2

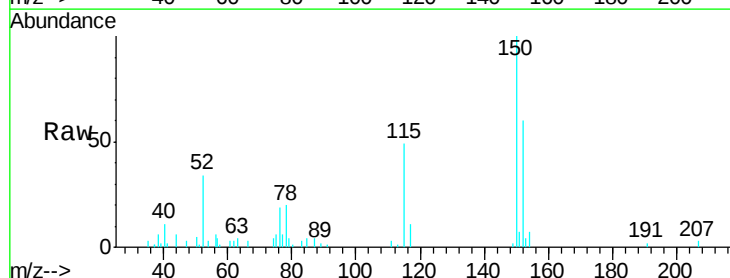


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000584.D
Acq: 07 Nov 2019 16:34

Tgt Ion:152 Resp: 5321
Ion Ratio Lower Upper
152 100
115 68.4 29.1 87.4
150 161.7 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

