

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
 Data File : VY000624.D
 Acq On : 08 Nov 2019 17:47
 Operator : SY/MD
 Sample : K5723-11
 Misc : 7.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 9-D

Quant Time: Nov 11 06:37:06 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	35049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	53211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	45004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	19131	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	18959	52.27	ug/l	0.00
Spiked Amount						
			Recovery	=	104.54%	
35) Dibromofluoromethane	7.73	113	15751	50.42	ug/l	0.00
Spiked Amount						
			Recovery	=	100.84%	
50) Toluene-d8	10.19	98	61187	51.62	ug/l	0.00
Spiked Amount						
			Recovery	=	103.24%	
62) 4-Bromofluorobenzene	12.48	95	18378	40.73	ug/l	0.00
Spiked Amount						
			Recovery	=	81.46%	

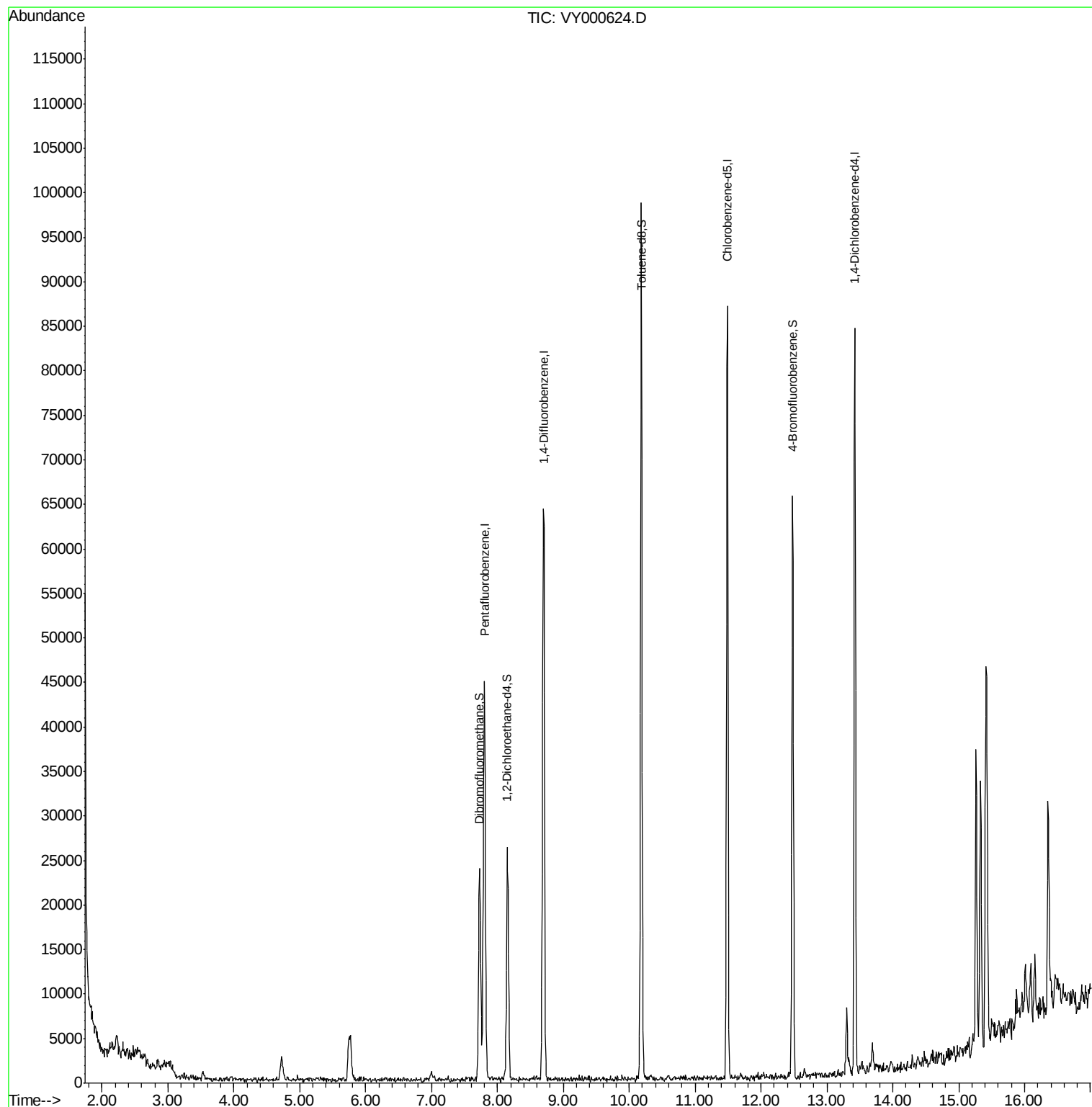
Target Compounds	Qvalue

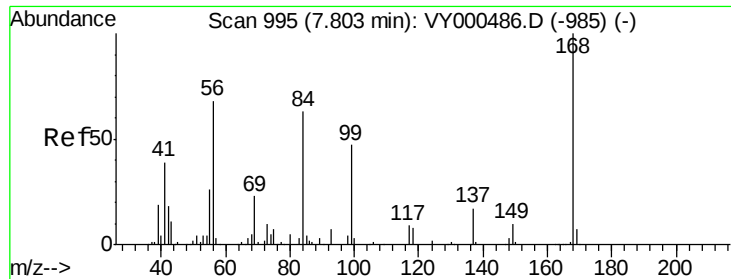
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000624.D

Acq: 08 Nov 2019 17:47

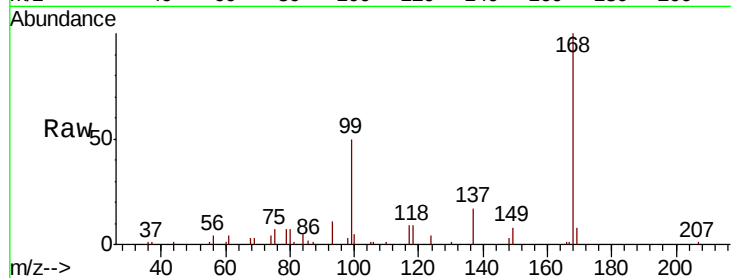
Instrument :
MSVOA_Y
ClientSampled :
9-D

Tot Ion:168 Resp: 35049

Ion Ratio Lower Upper

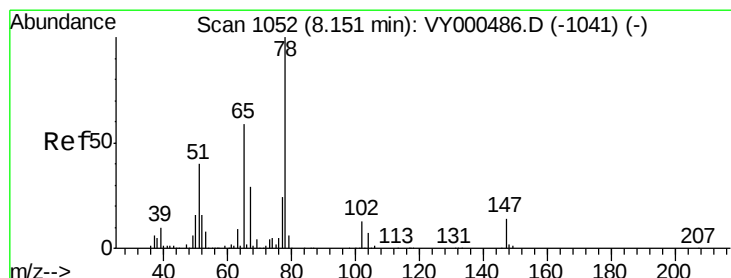
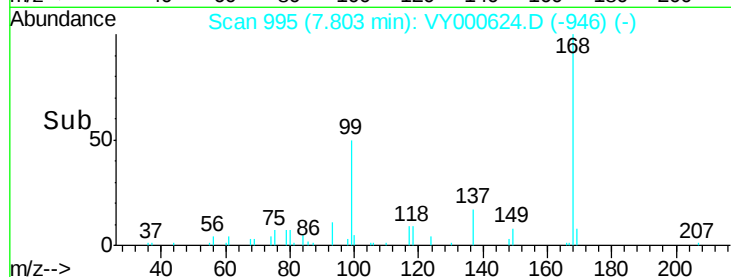
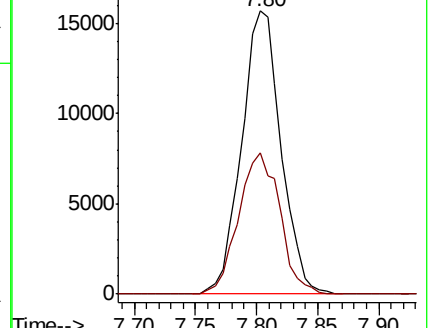
168 100

99 49.7 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: 52.270 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000624.D

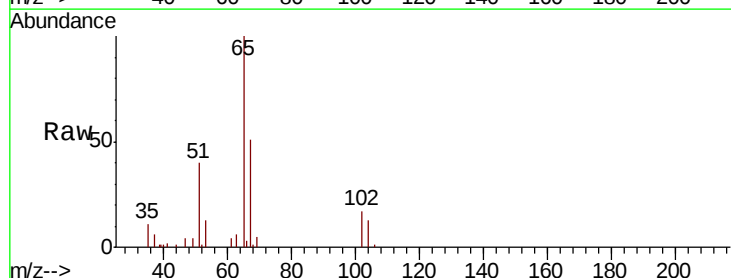
Acq: 08 Nov 2019 17:47

Tgt Ion: 65 Resp: 18959

Ion Ratio Lower Upper

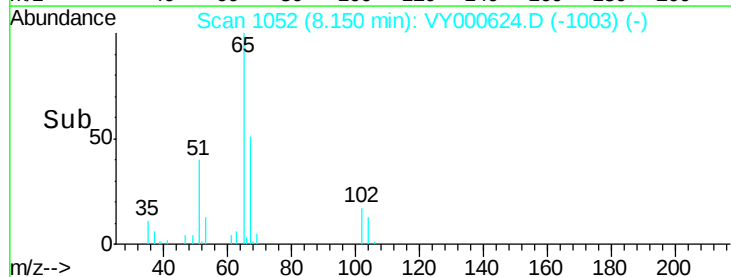
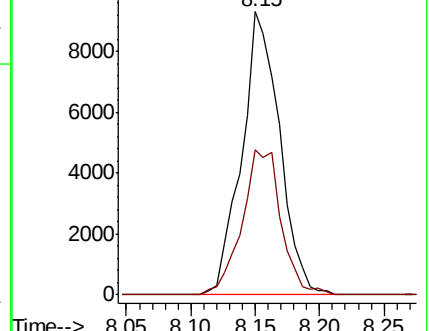
65 100

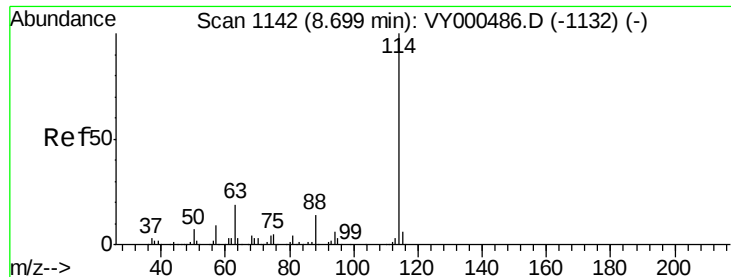
67 52.7 0.0 107.2



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

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

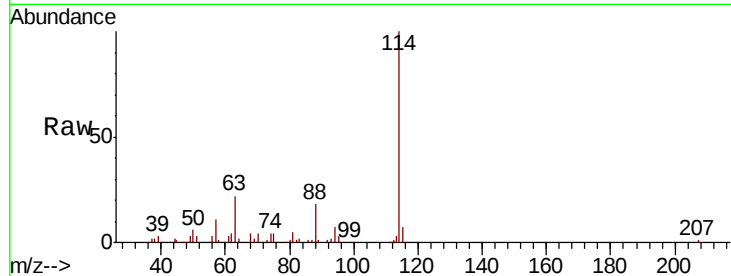




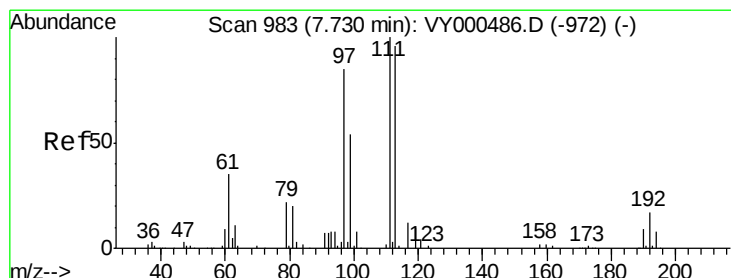
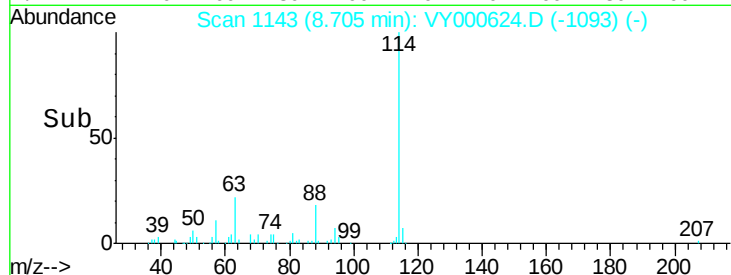
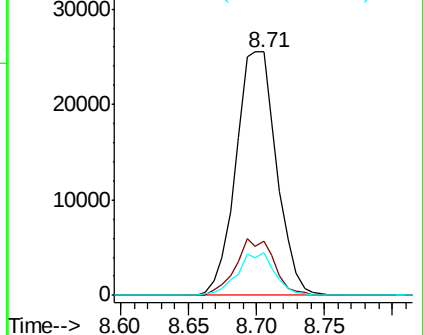
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY000624.D
 Acq: 08 Nov 2019 17:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 9-D

Tot Ion:114 Resp: 53211
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 38.0
 88 17.6 0.0 28.6

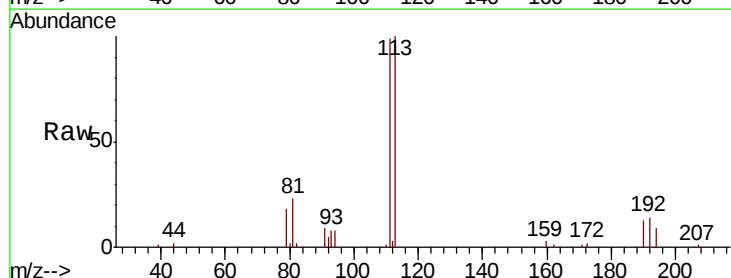


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

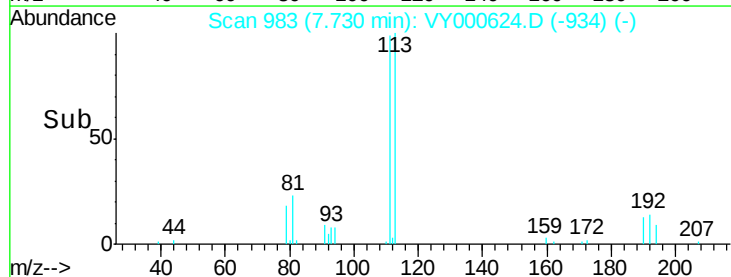
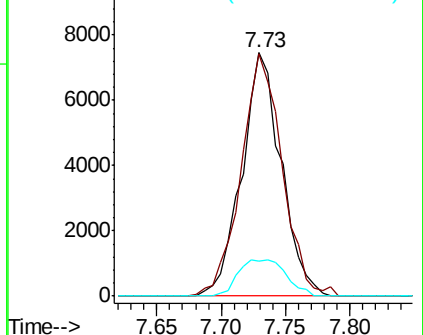


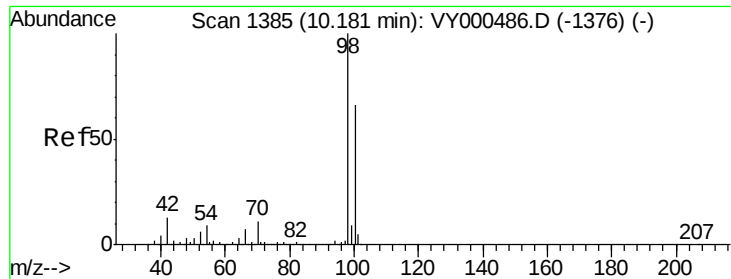
#35
 Dibromofluoromethane
 Concen: 50.422 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000624.D
 Acq: 08 Nov 2019 17:47

Tgt Ion:113 Resp: 15751
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.7 122.5
 192 18.1 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: 51.620 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.01 min

Lab File: VY000624.D

Acq: 08 Nov 2019 17:47

Instrument :

MSVOA_Y

ClientSampleId :

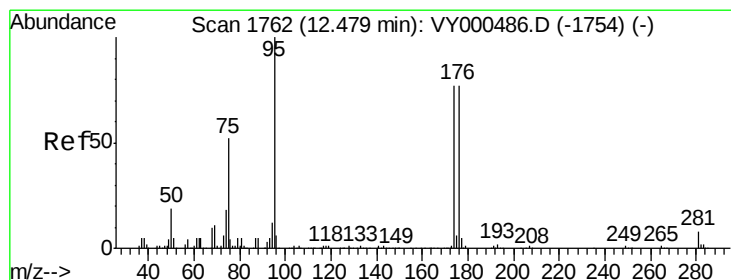
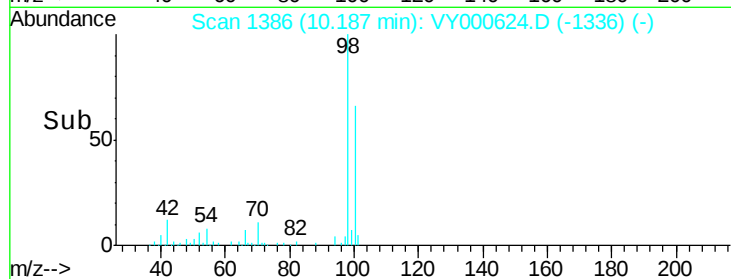
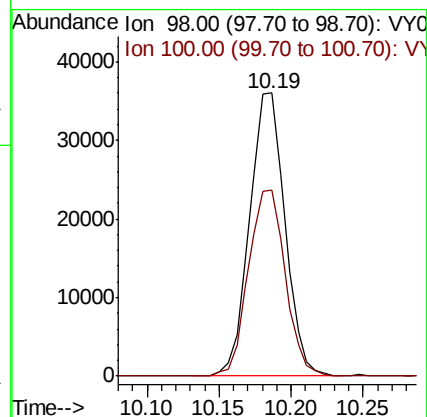
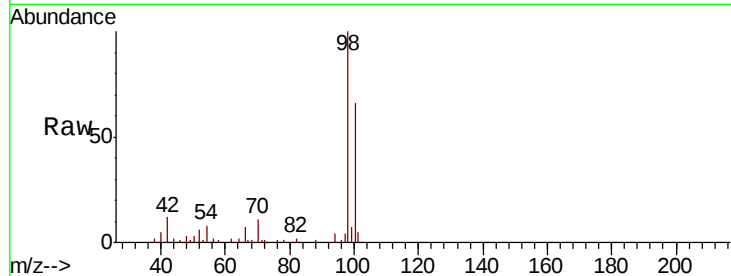
9-D

Tot Ion: 98 Resp: 61187

Ion Ratio Lower Upper

98 100

100 68.2 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 40.727 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000624.D

Acq: 08 Nov 2019 17:47

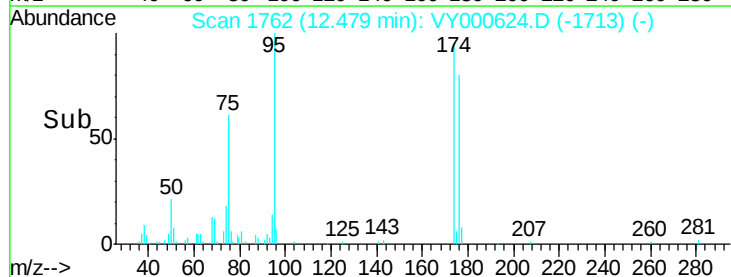
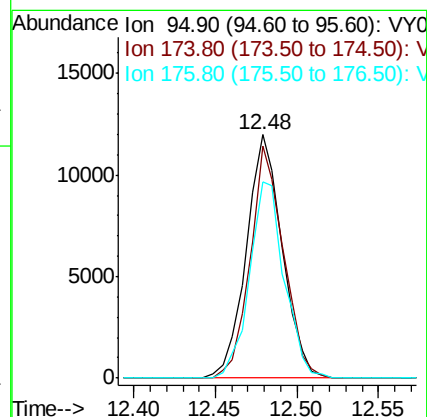
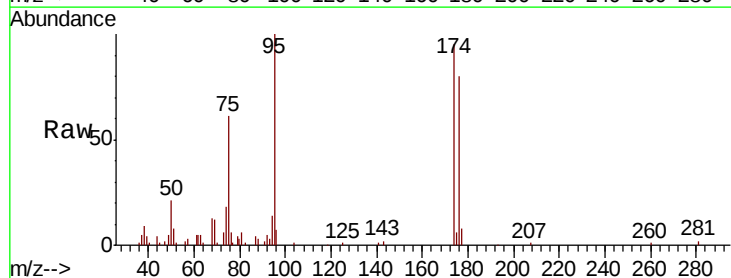
Tgt Ion: 95 Resp: 18378

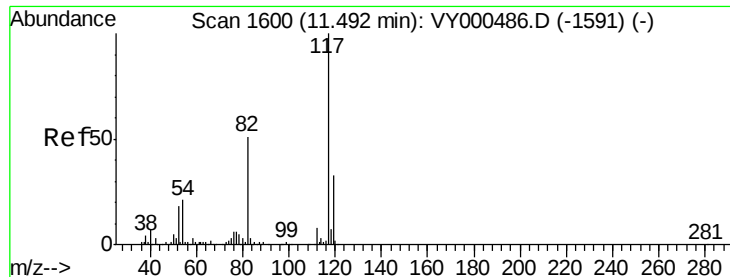
Ion Ratio Lower Upper

95 100

174 88.3 0.0 161.6

176 78.3 0.0 157.8

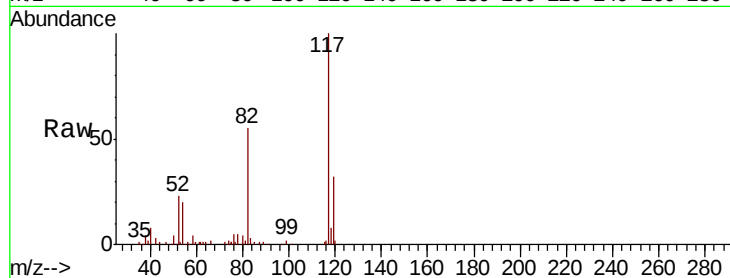




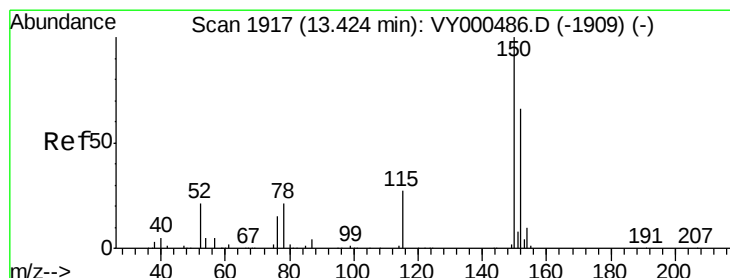
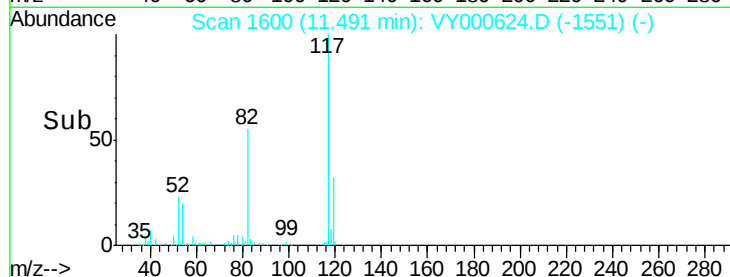
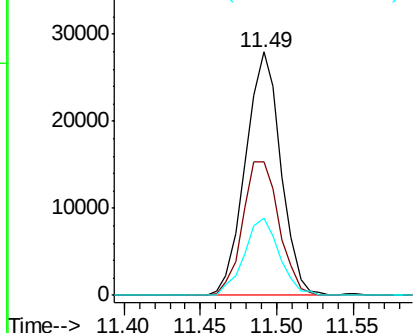
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000624.D
Acq: 08 Nov 2019 17:47

Instrument :
MSVOA_Y
ClientSampleId :
9-D

Tot Ion:117 Resp: 45004
Ion Ratio Lower Upper
117 100
82 54.8 40.8 61.2
119 31.5 26.2 39.2

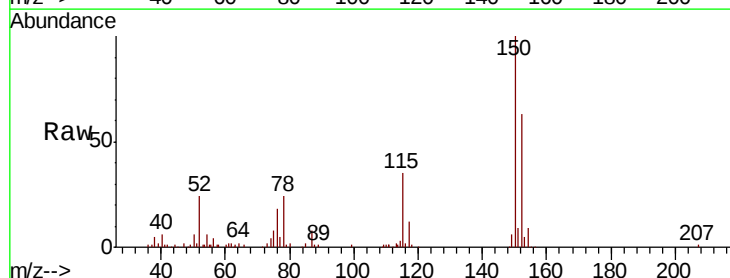


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000624.D
Acq: 08 Nov 2019 17:47

Tgt Ion:152 Resp: 19131
Ion Ratio Lower Upper
152 100
115 59.1 29.1 87.4
150 160.4 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

