

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110320\
 Data File : VY003497.D
 Acq On : 03 Nov 2020 17:03
 Operator : SY/MD
 Sample : L4600-05RE
 Misc : 6.83G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRT-23RE

Quant Time: Nov 04 01:08:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	73484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	116291	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	99823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	45070	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	42658	56.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.24%	
35) Dibromofluoromethane	7.72	113	38600	54.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.10%	
50) Toluene-d8	10.18	98	140693	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
62) 4-Bromofluorobenzene	12.48	95	39591	40.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.18%	

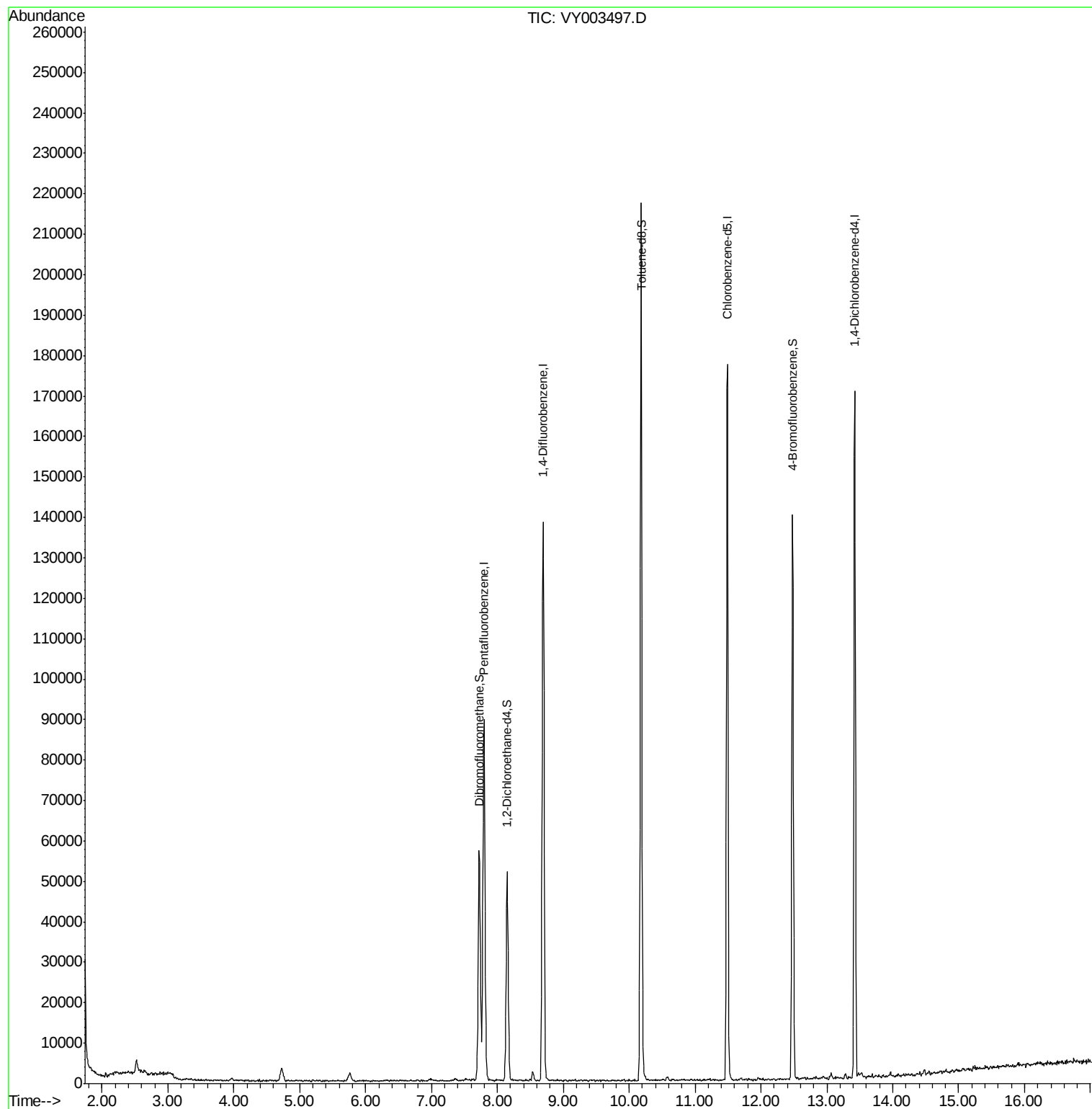
Target Compounds	Qvalue

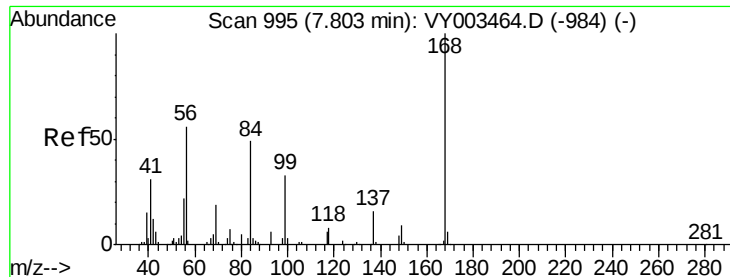
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY003497.D

Acq: 03 Nov 2020 17:03

Instrument :

MSVOA_Y

ClientSampleId :

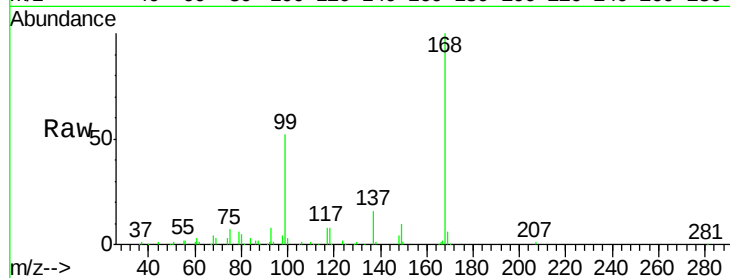
CRT-23RE

Tot Ion:168 Resp: 73484

Ion Ratio Lower Upper

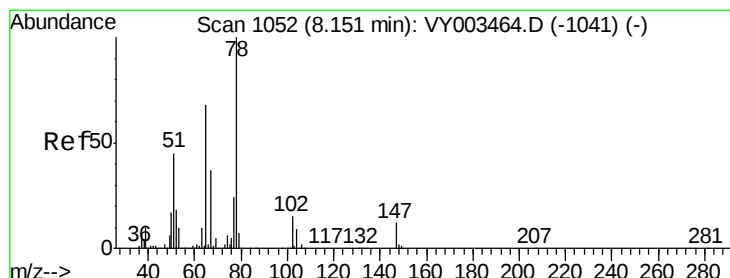
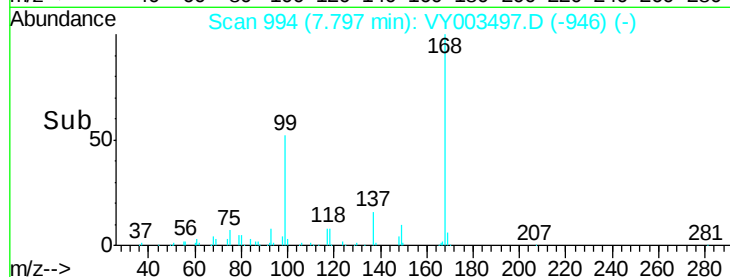
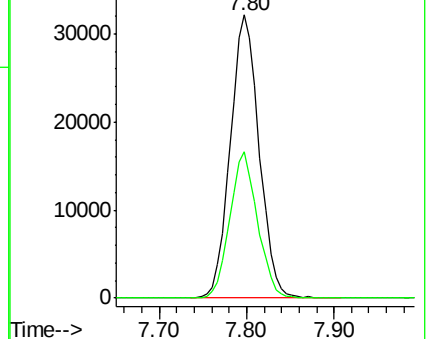
168 100

99 51.8 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY003497.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY003497.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.625 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY003497.D

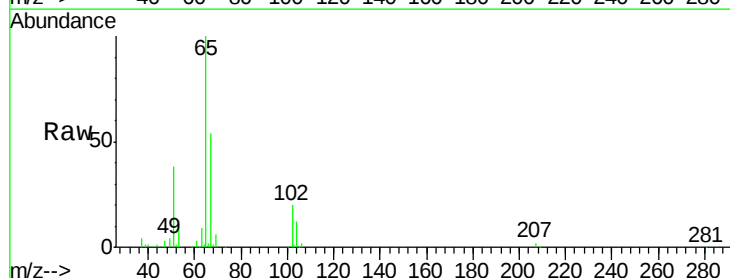
Acq: 03 Nov 2020 17:03

Tgt Ion: 65 Resp: 42658

Ion Ratio Lower Upper

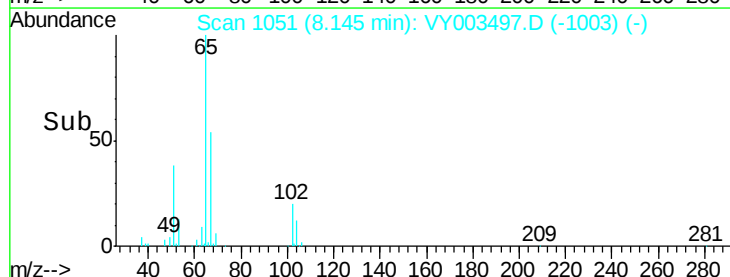
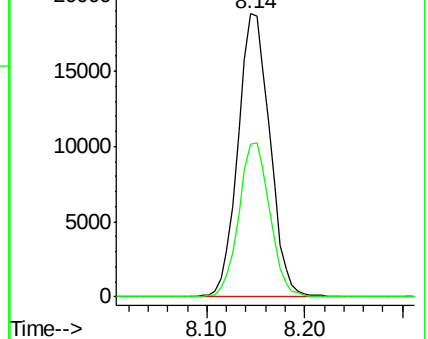
65 100

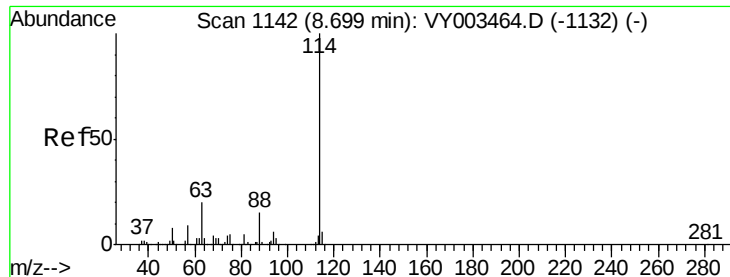
67 53.0 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VY003497.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY003497.D (-1003) (-)

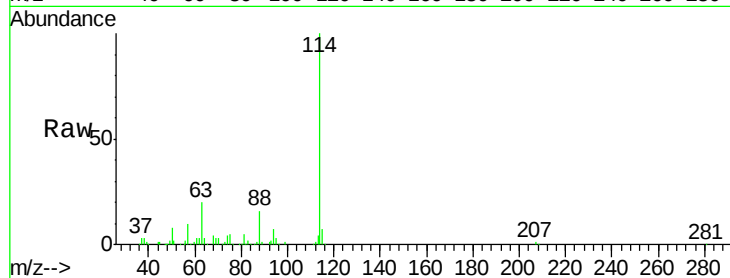




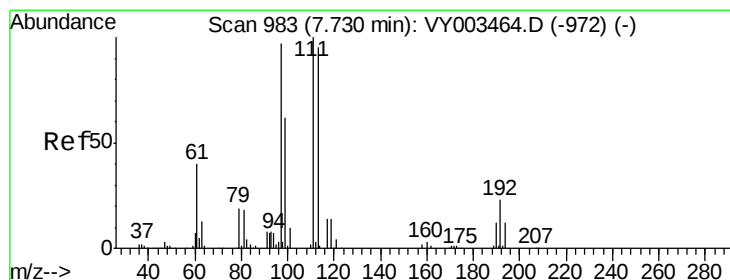
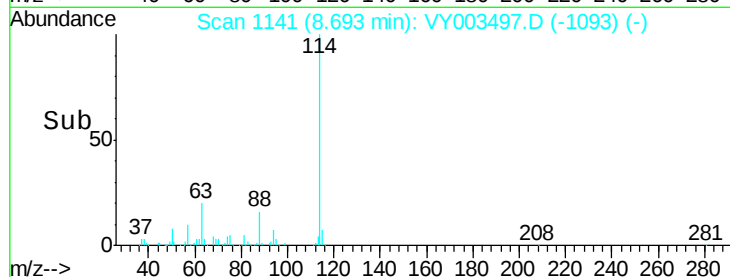
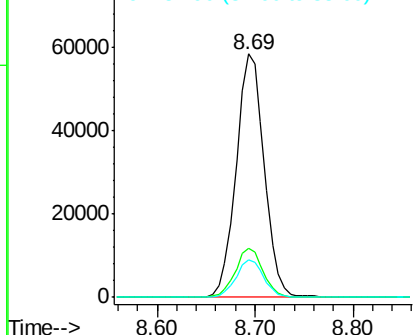
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY003497.D
 Acq: 03 Nov 2020 17:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRT-23RE

Tot Ion:114 Resp: 116291
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.6
 88 15.6 0.0 29.4

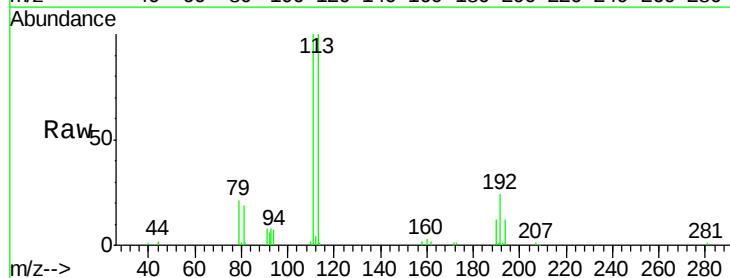


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

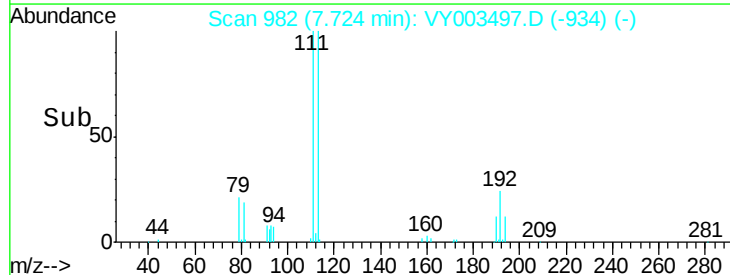
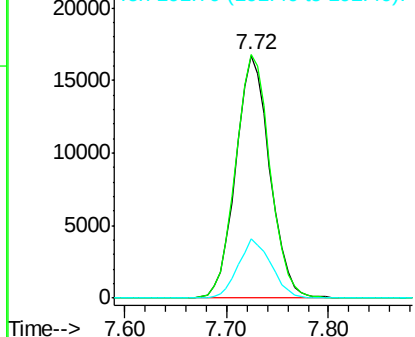


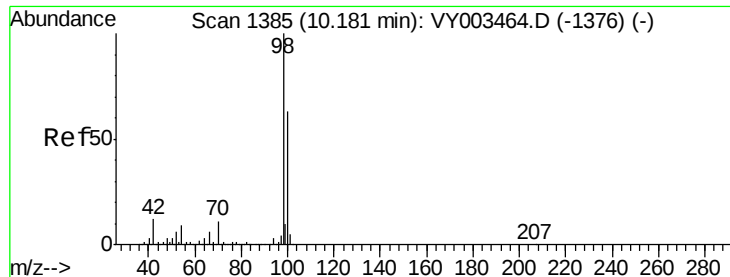
#35
 Dibromofluoromethane
 Concen: 54.546 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY003497.D
 Acq: 03 Nov 2020 17:03

Tgt Ion:113 Resp: 38600
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.8 122.6
 192 23.7 18.8 28.2



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: 47.791 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003497.D

Acq: 03 Nov 2020 17:03

Instrument :

MSVOA_Y

ClientSampleId :

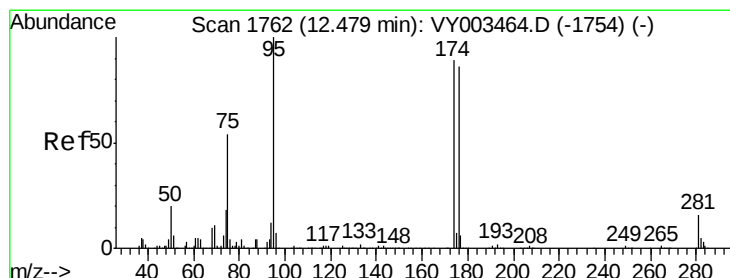
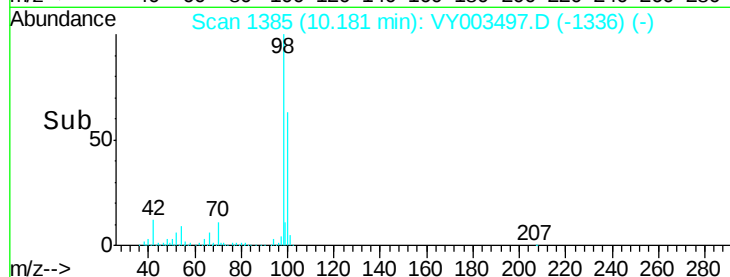
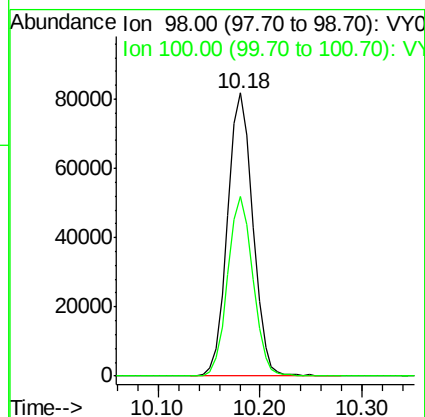
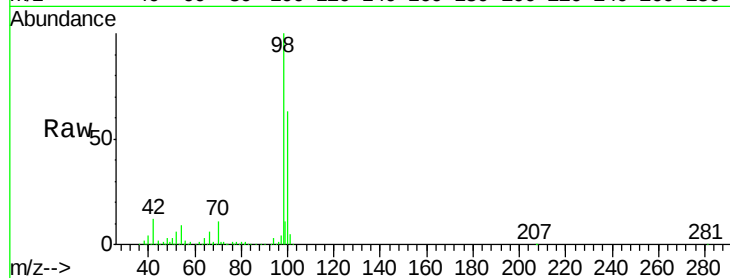
CRT-23RE

Tot Ion: 98 Resp: 140693

Ion Ratio Lower Upper

98 100

100 63.1 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 40.589 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003497.D

Acq: 03 Nov 2020 17:03

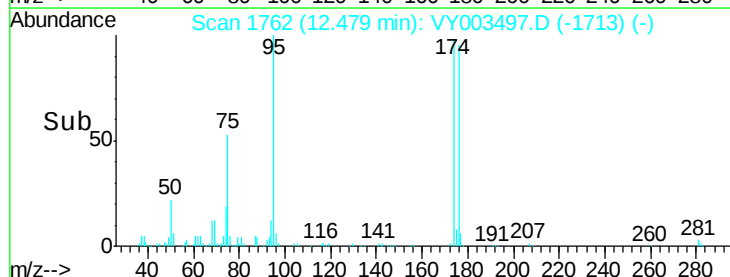
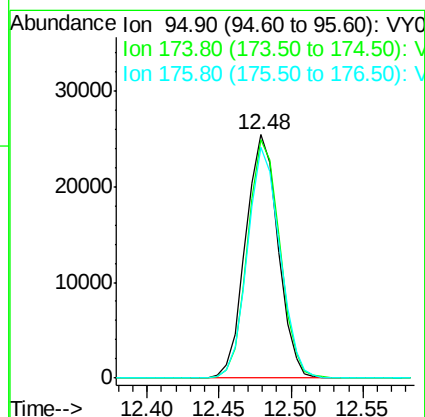
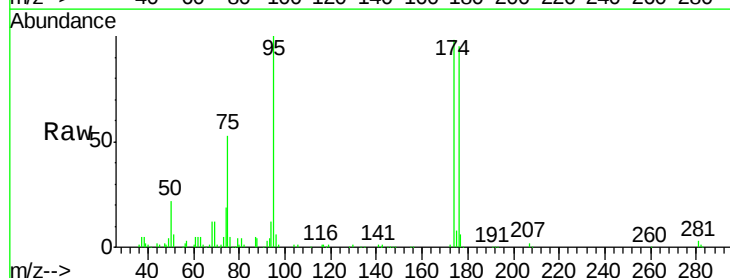
Tgt Ion: 95 Resp: 39591

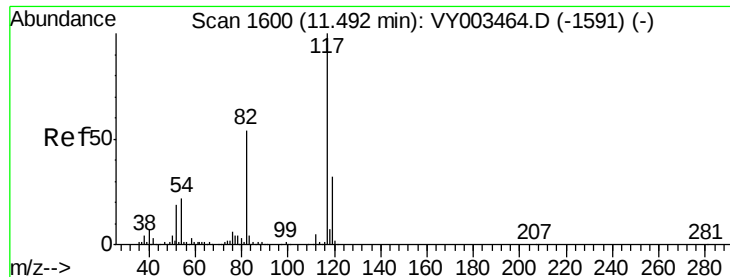
Ion Ratio Lower Upper

95 100

174 97.1 0.0 193.0

176 94.5 0.0 187.4

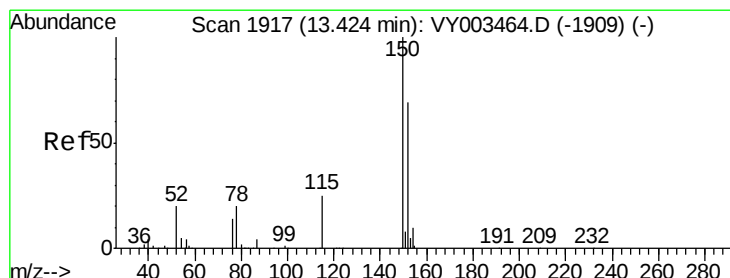
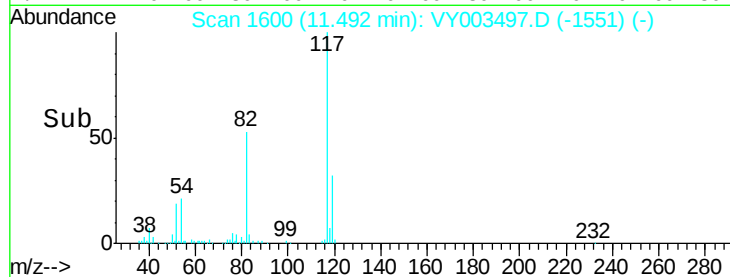
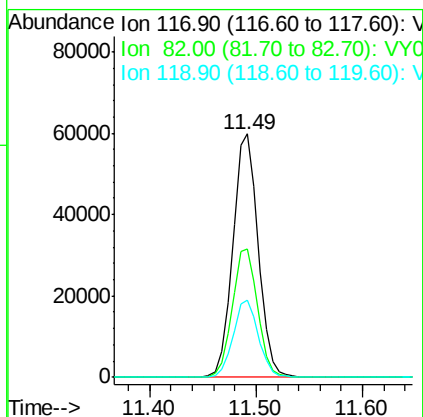
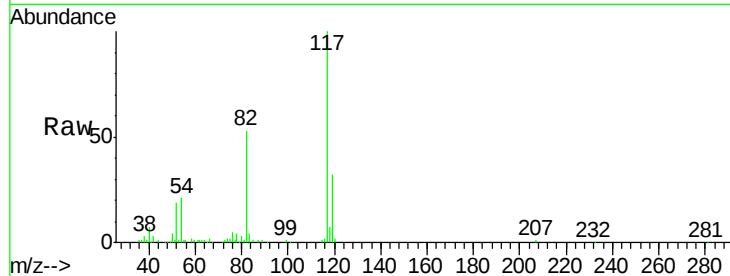




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003497.D
Acq: 03 Nov 2020 17:03

Instrument :
MSVOA_Y
ClientSampleId :
CRT-23RE

Tot Ion:117 Resp: 99823
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.2
119 31.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003497.D
Acq: 03 Nov 2020 17:03

Tgt Ion:152 Resp: 45070
Ion Ratio Lower Upper
152 100
115 54.0 27.5 82.4
150 155.3 0.0 345.8

