

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110320\
 Data File : VY003499.D
 Acq On : 03 Nov 2020 17:49
 Operator : SY/MD
 Sample : L4600-13RE
 Misc : 6.96G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRT-6RE

Quant Time: Nov 04 01:11:13 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

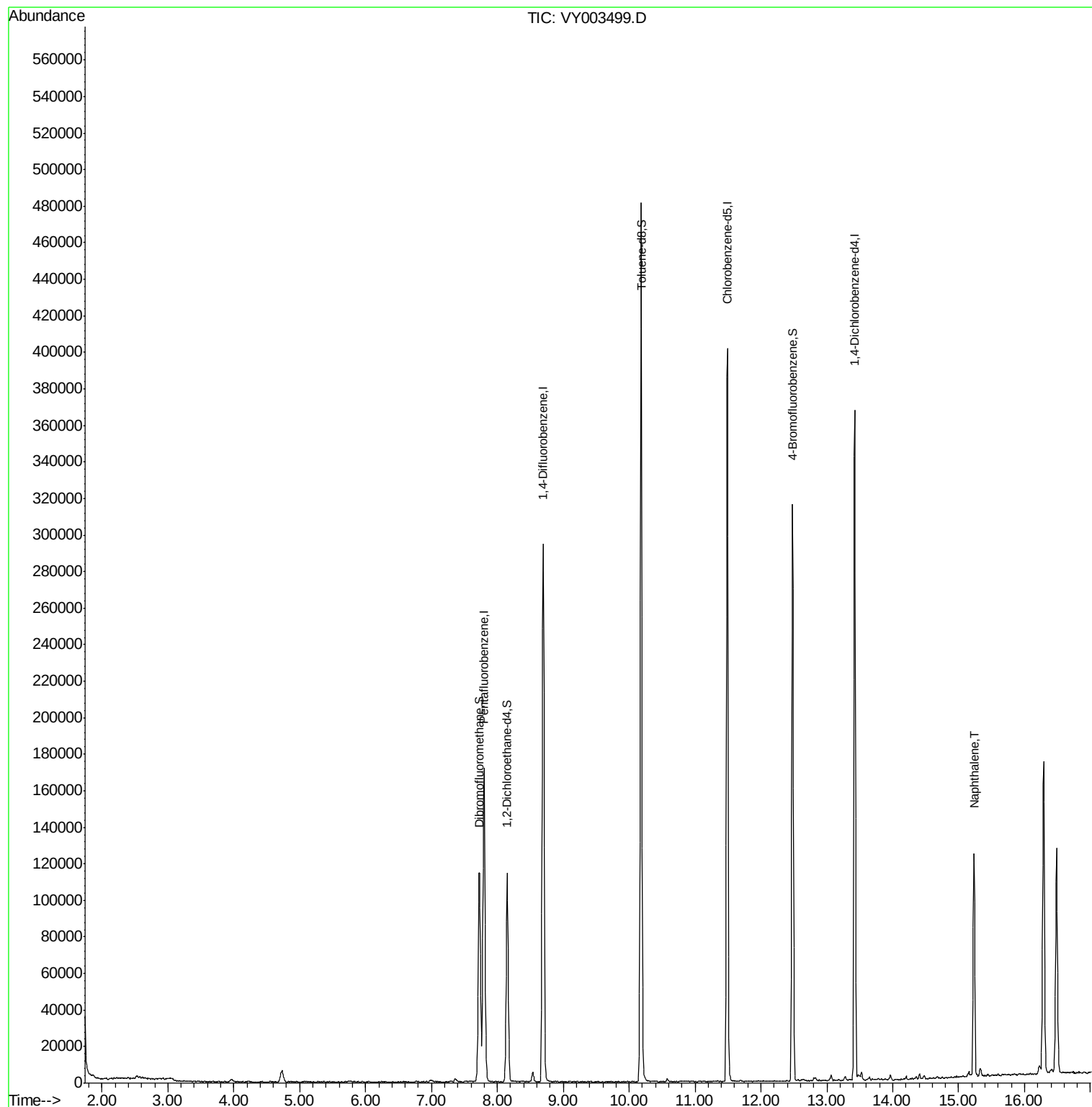
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	142566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	253036	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	221557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	96182	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	89810	61.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.90%	
35) Dibromofluoromethane	7.73	113	80101	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
50) Toluene-d8	10.18	98	309335	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
62) 4-Bromofluorobenzene	12.48	95	87801	41.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.74%	
Target Compounds						
95) Naphthalene	15.23	128	102510	27.396	ug/l	Qvalue 100

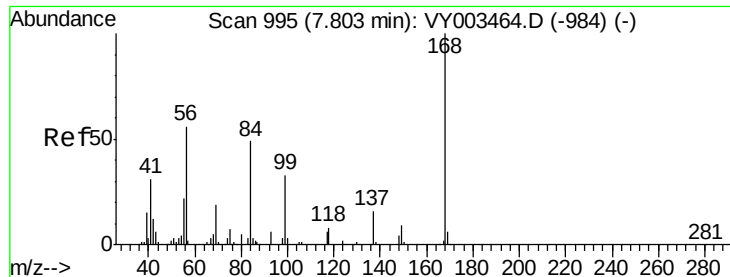
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

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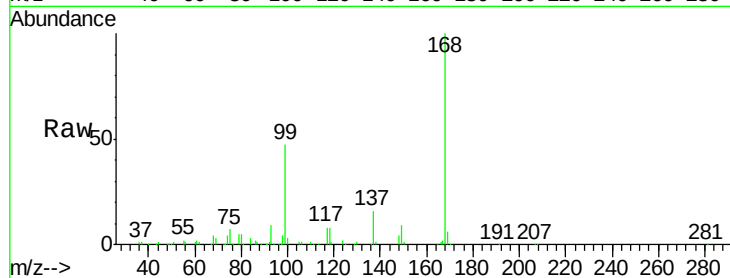
CRT-6RE

Tot Ion:168 Resp: 142566

Ion Ratio Lower Upper

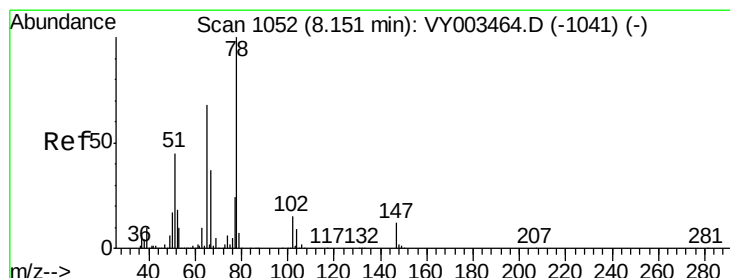
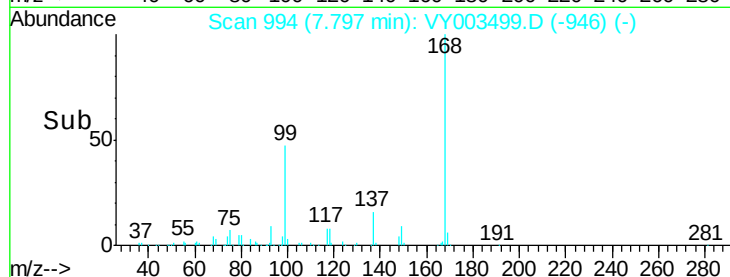
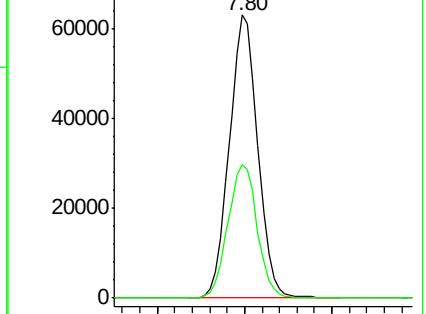
168 100

99 47.3 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY003464.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY003464.D (-984) (-)



#33

1,2-Dichloroethane-d4

Concen: 61.448 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY003499.D

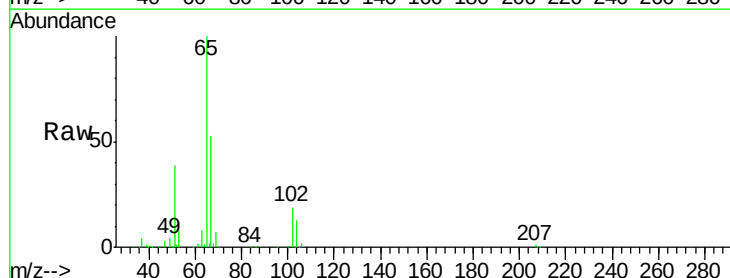
Acq: 03 Nov 2020 17:49

Tgt Ion: 65 Resp: 89810

Ion Ratio Lower Upper

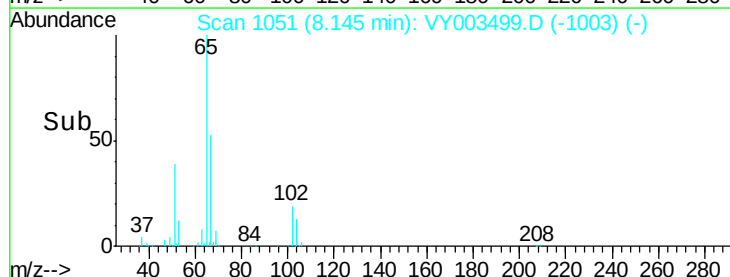
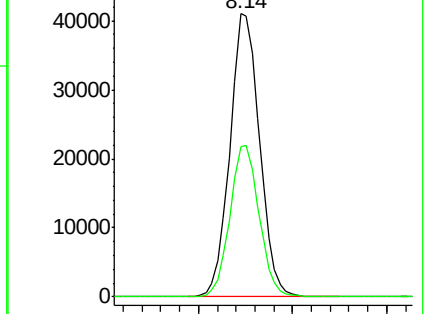
65 100

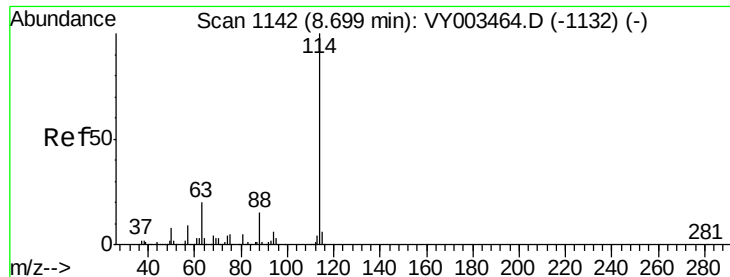
67 52.6 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VY003464.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY003464.D (-1041) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY003499.D

Acq: 03 Nov 2020 17:49

Instrument :

MSVOA_Y

ClientSampleId :

CRT-6RE

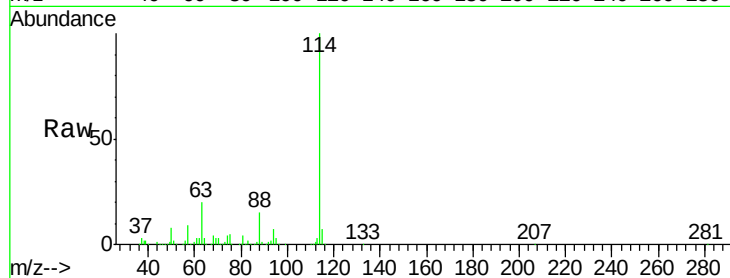
Tot Ion:114 Resp: 253036

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.6

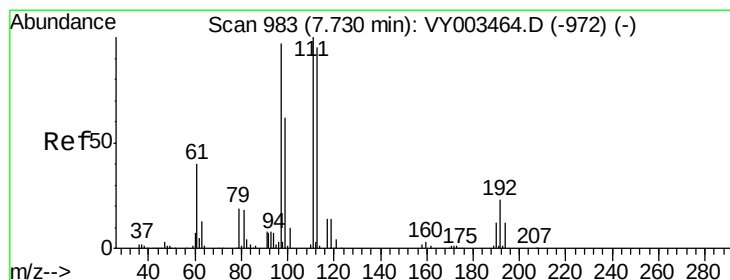
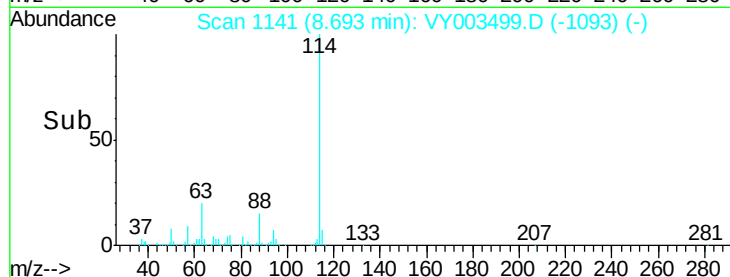
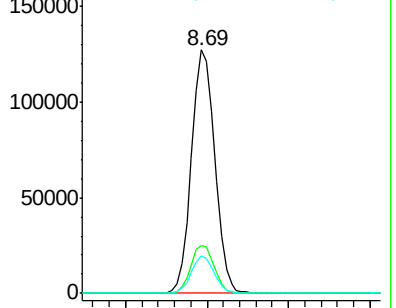
88 15.4 0.0 29.4



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: 52.021 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY003499.D

Acq: 03 Nov 2020 17:49

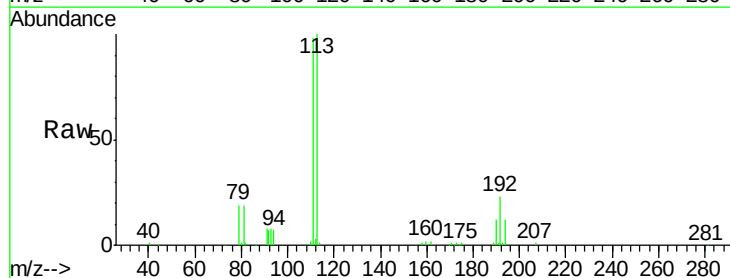
Tgt Ion:113 Resp: 80101

Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.6

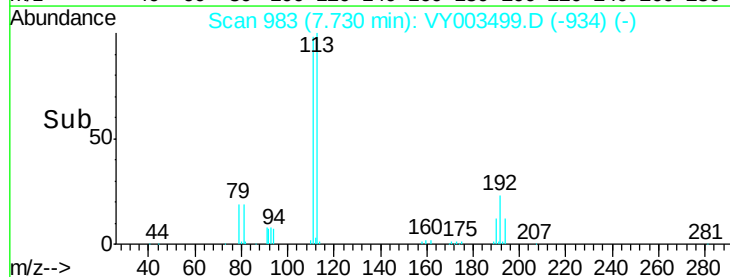
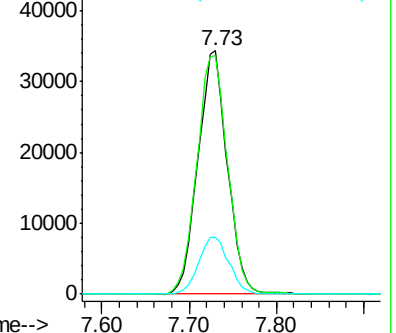
192 24.2 18.8 28.2

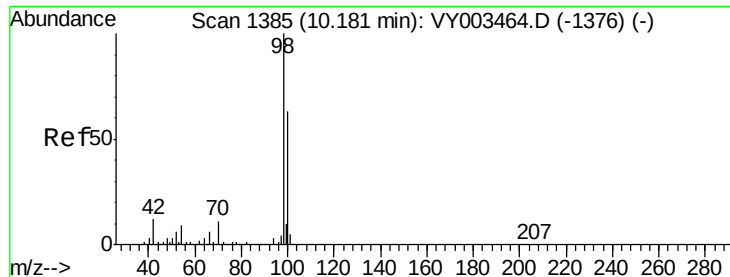


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.291 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003499.D

Acq: 03 Nov 2020 17:49

Instrument :

MSVOA_Y

ClientSampleId :

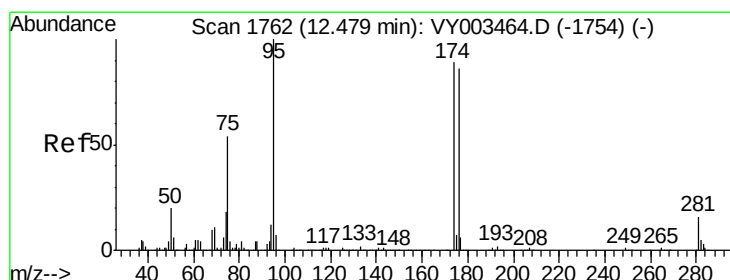
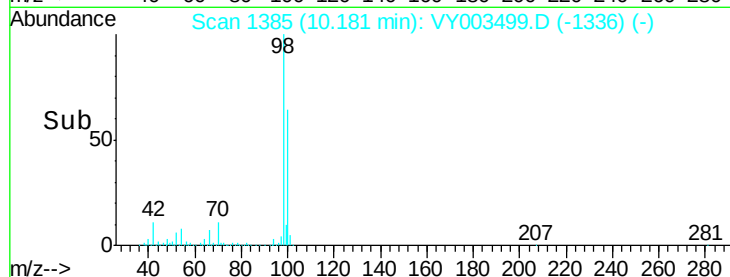
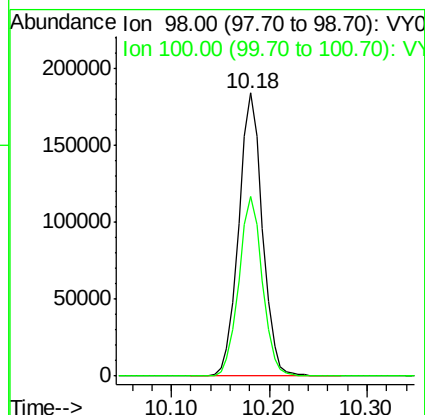
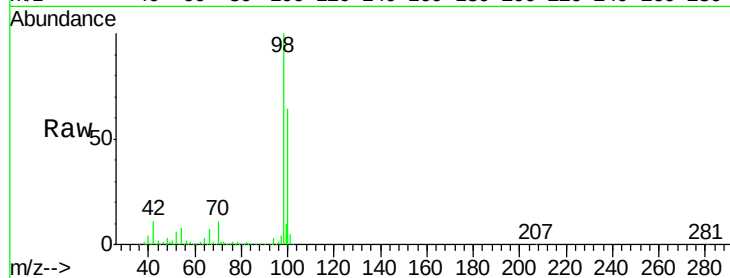
CRT-6RE

Tot Ion: 98 Resp: 309335

Ion Ratio Lower Upper

98 100

100 63.2 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 41.369 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003499.D

Acq: 03 Nov 2020 17:49

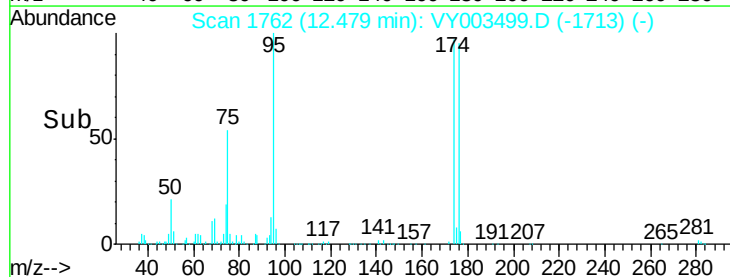
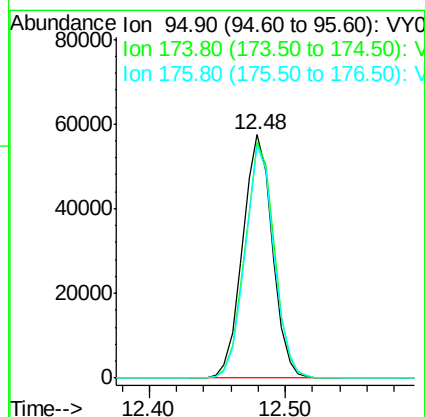
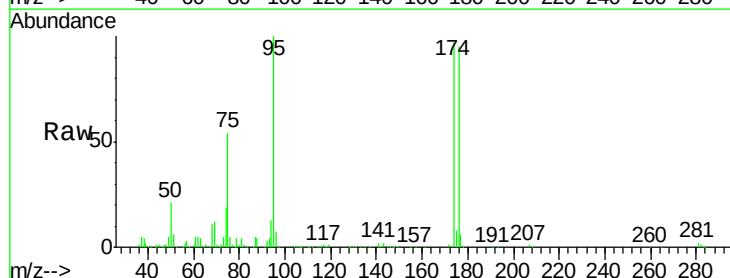
Tgt Ion: 95 Resp: 87801

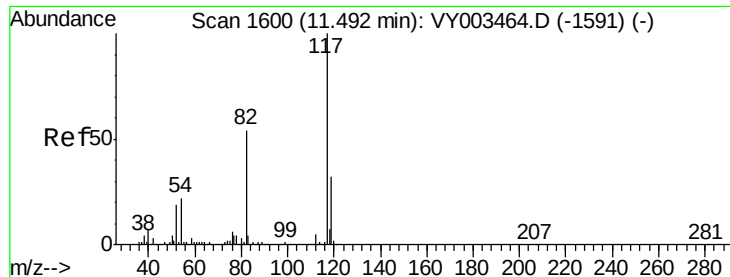
Ion Ratio Lower Upper

95 100

174 96.4 0.0 193.0

176 93.2 0.0 187.4

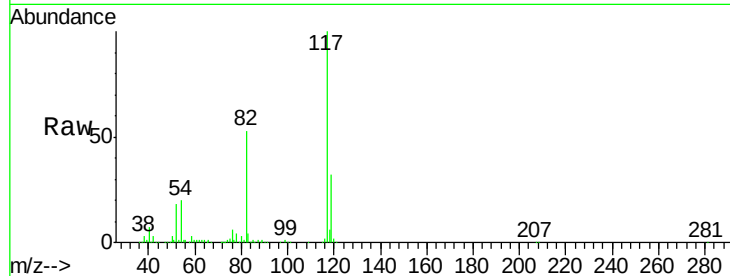




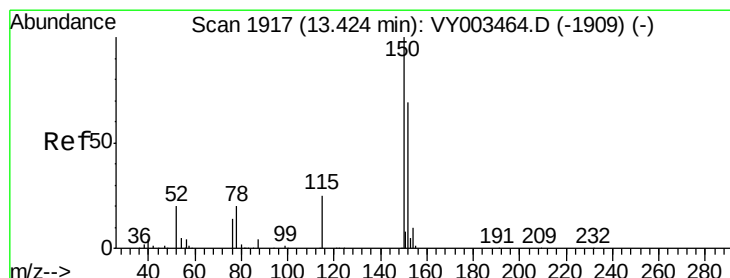
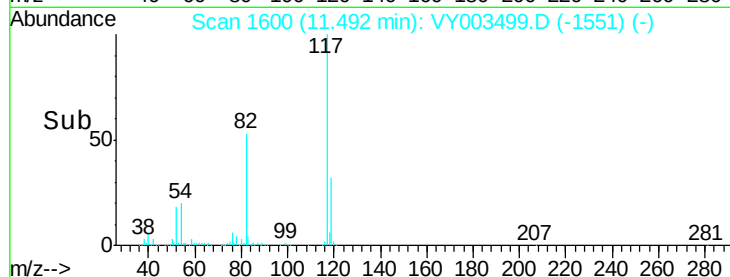
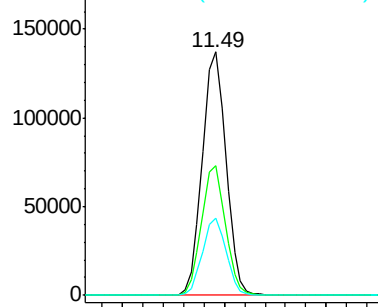
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003499.D
Acq: 03 Nov 2020 17:49

Instrument :
MSVOA_Y
ClientSampleId :
CRT-6RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.4	65.2
119	31.5	25.8	38.6

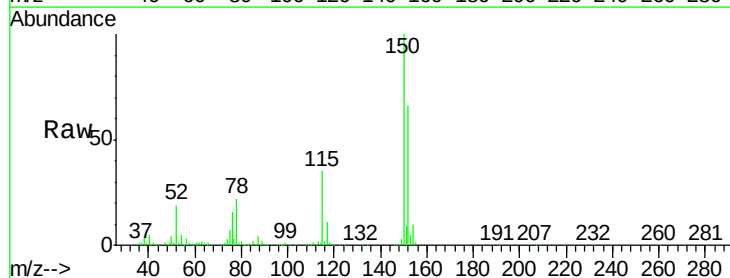


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

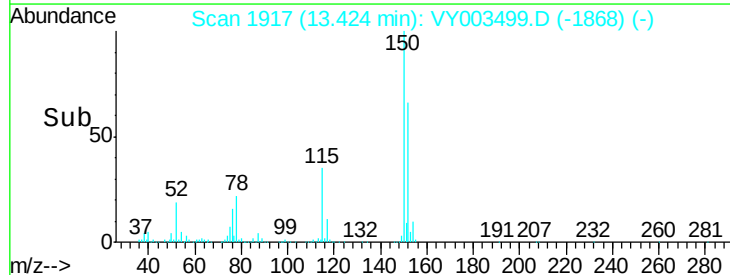
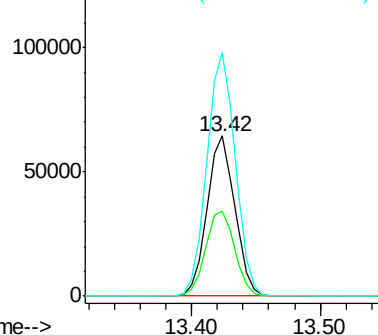


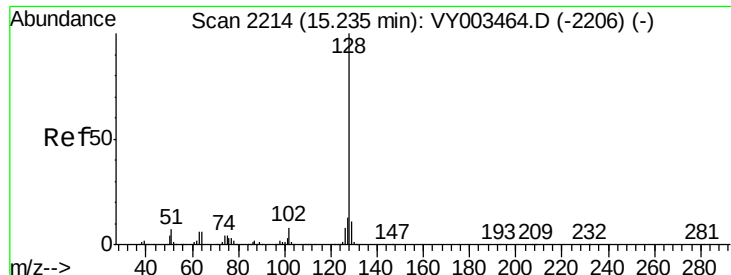
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003499.D
Acq: 03 Nov 2020 17:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	27.5	82.4
150	155.6	0.0	345.8



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

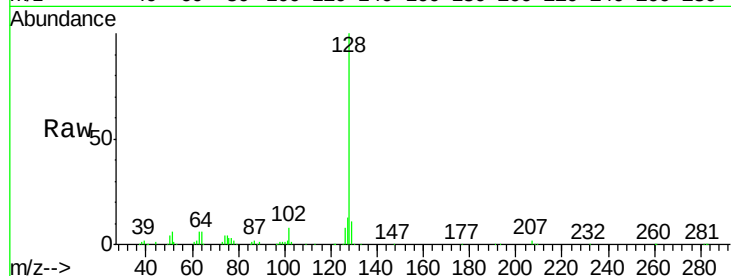




#95
Naphthalene
Concen: 27.396 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003499.D
Acq: 03 Nov 2020 17:49

Instrument :
MSVOA_Y
ClientSampleId :
CRT-6RE

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	10.8	8.6	13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

