

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110320\
 Data File : VY003493.D
 Acq On : 03 Nov 2020 15:32
 Operator : SY/MD
 Sample : L4600-13
 Misc : 6.59G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRT-6

Quant Time: Nov 04 00:54:00 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

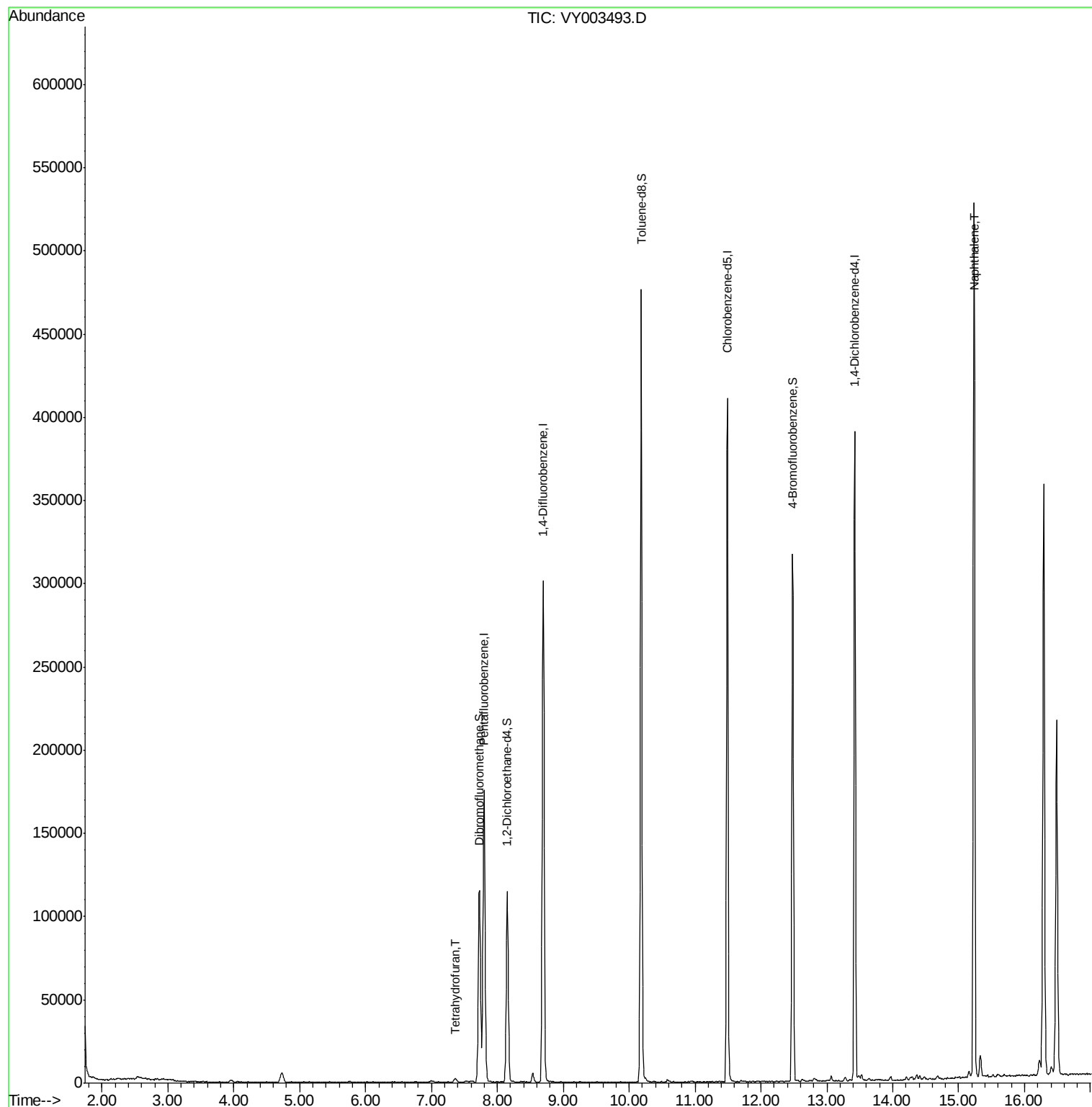
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	144759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	256467	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	220427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	99305	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	91768	61.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.68%	
35) Dibromofluoromethane	7.72	113	79456	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
50) Toluene-d8	10.18	98	306802	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
62) 4-Bromofluorobenzene	12.48	95	91092	42.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.70%	
Target Compounds						
29) Tetrahydrofuran	7.36	42	1859	5.810	ug/l	94
95) Naphthalene	15.23	128	417179	107.985	ug/l	99

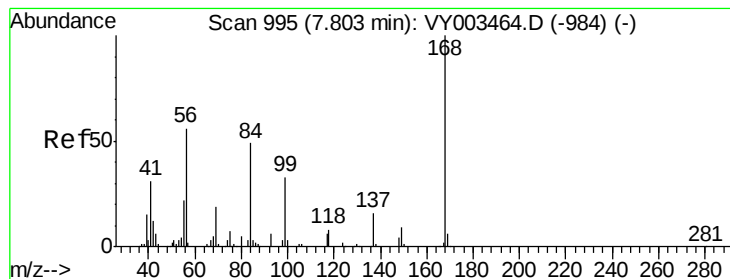
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003493.D

Acq: 03 Nov 2020 15:32

Instrument :

MSVOA_Y

ClientSampled :

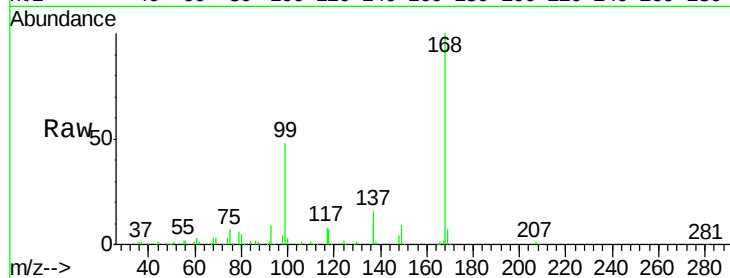
CRT-6

Tot Ion:168 Resp: 144759

Ion Ratio Lower Upper

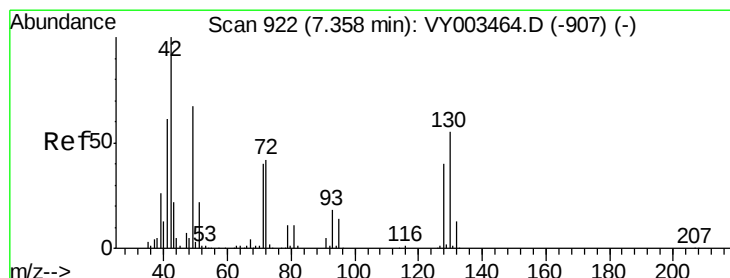
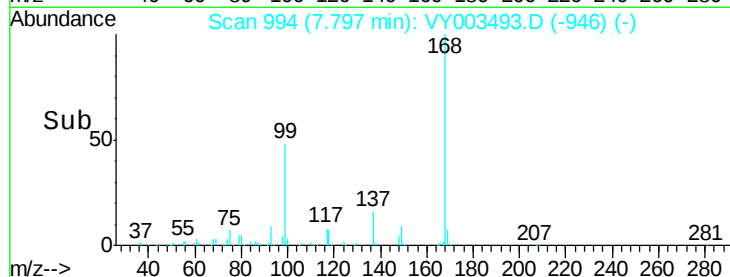
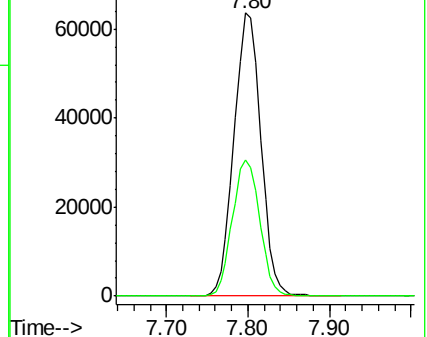
168 100

99 48.2 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) (-)



#29

Tetrahydrofuran

Concen: 5.810 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.01 min

Lab File: VY003493.D

Acq: 03 Nov 2020 15:32

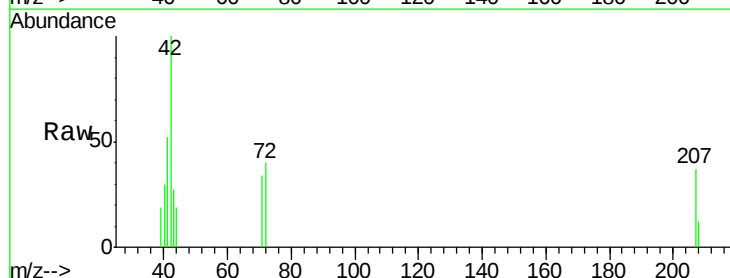
Tgt Ion: 42 Resp: 1859

Ion Ratio Lower Upper

42 100

72 37.0 32.8 49.2

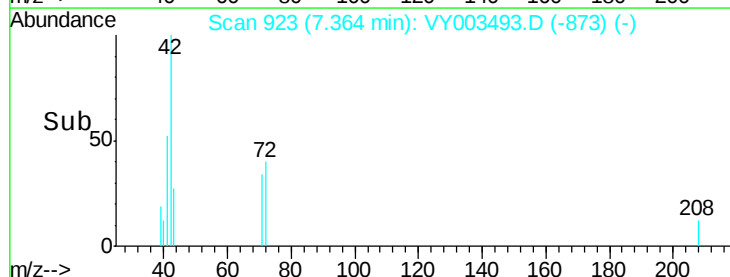
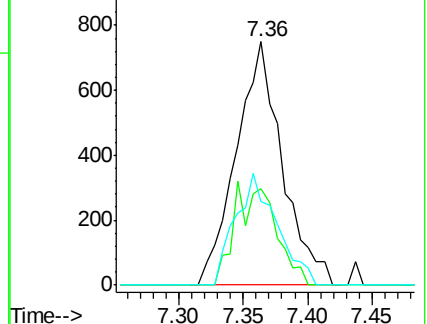
71 41.4 30.7 46.1

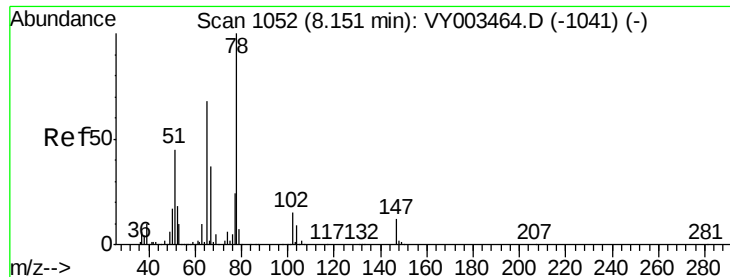


Abundance Ion 42.00 (41.70 to 42.70): VY003464.D (-907) (-)

Ion 72.00 (71.70 to 72.70): VY003464.D (-907) (-)

Ion 71.00 (70.70 to 71.70): VY003464.D (-907) (-)





#33

1,2-Dichloroethane-d4

Concen: 61.836 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY003493.D

Acq: 03 Nov 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

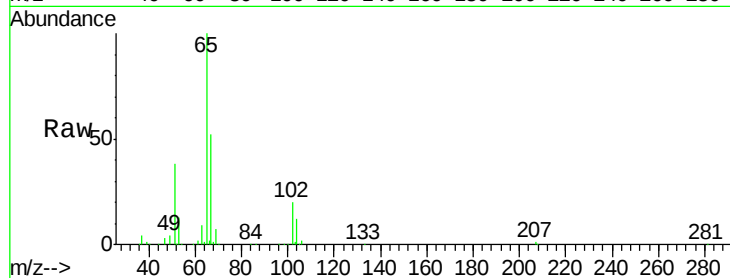
CRT-6

Tot Ion: 65 Resp: 91768

Ion Ratio Lower Upper

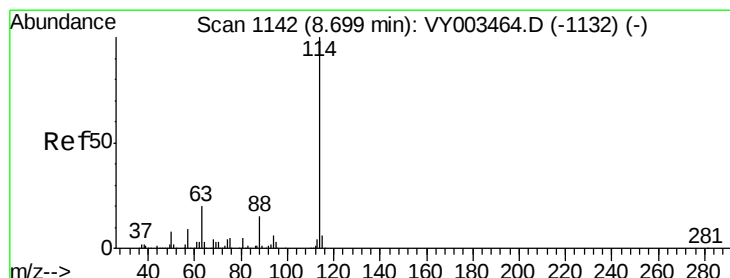
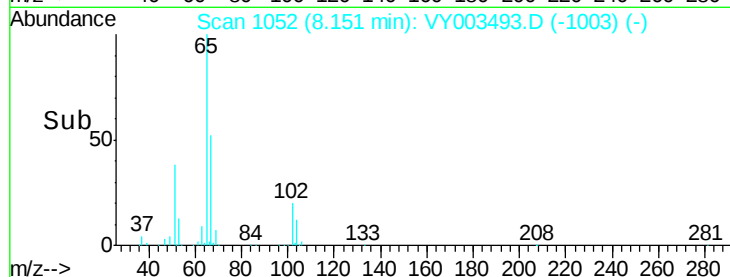
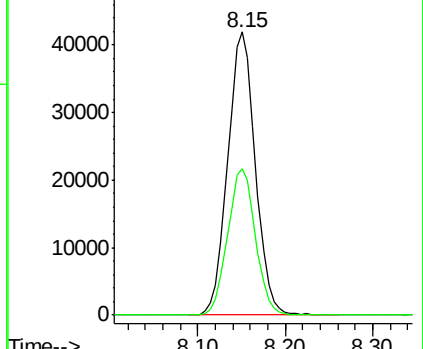
65 100

67 52.2 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY003493.D

Acq: 03 Nov 2020 15:32

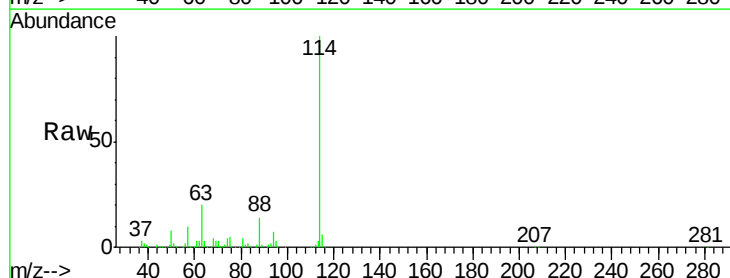
Tgt Ion: 114 Resp: 256467

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.6

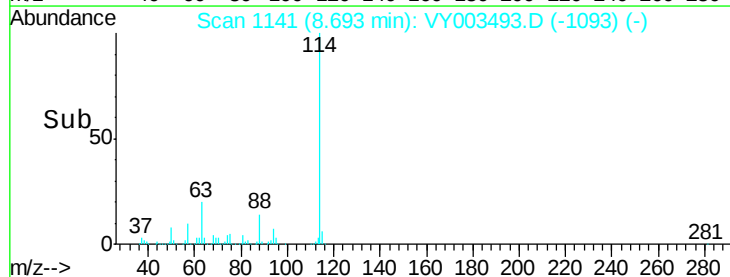
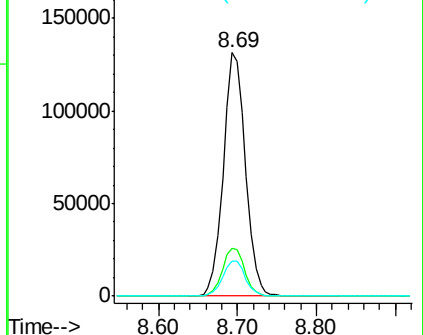
88 14.4 0.0 29.4

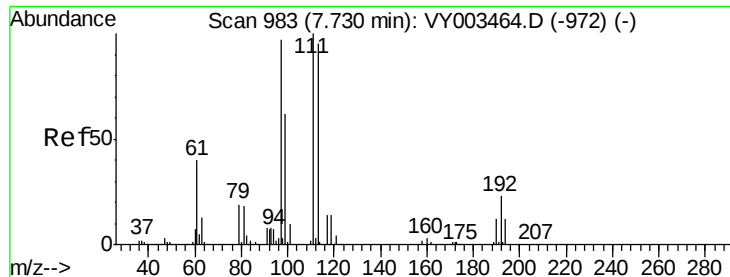


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

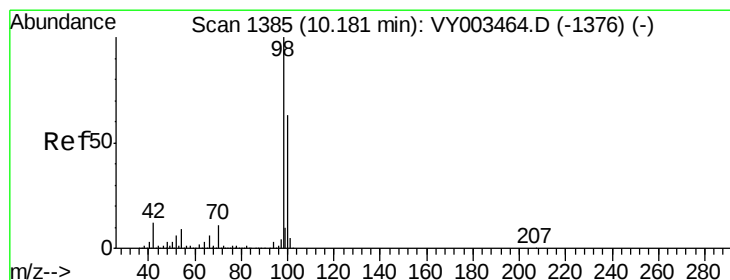
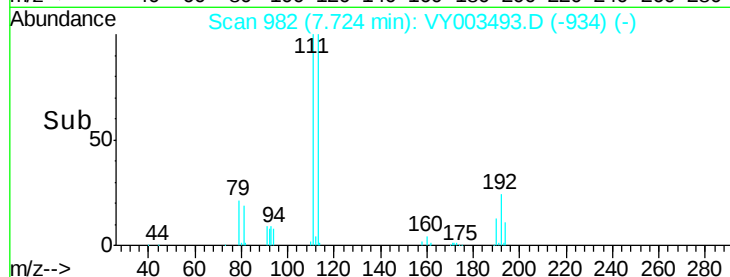
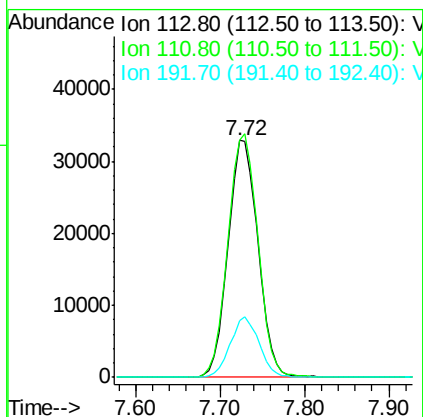
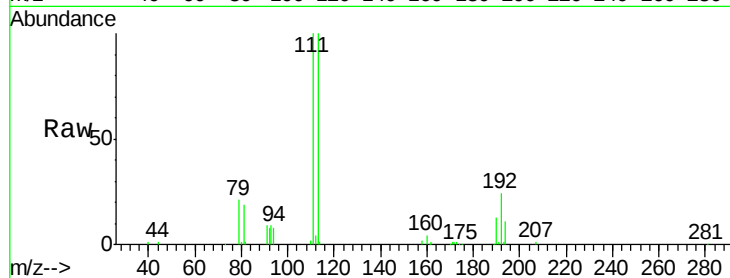




#35
 Dibromofluoromethane
 Concen: 50.912 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY003493.D
 Acq: 03 Nov 2020 15:32

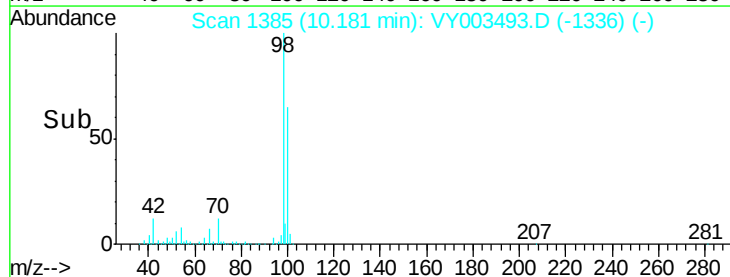
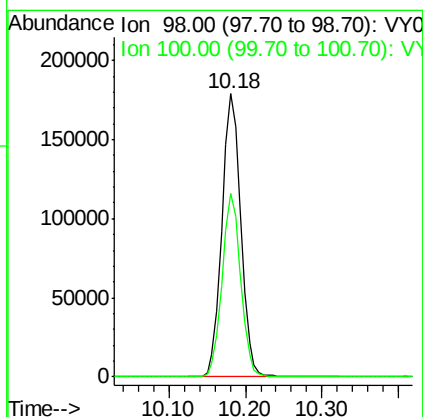
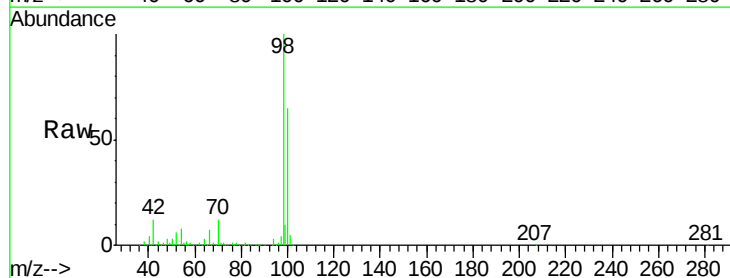
Instrument :
 MSVOA_Y
 ClientSampleId :
 CRT-6

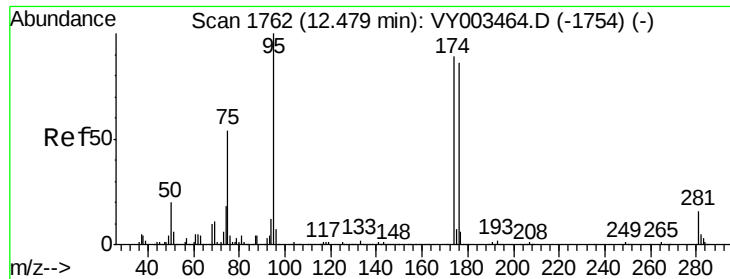
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.6
192	24.4	18.8	28.2



#50
 Toluene-d8
 Concen: 47.255 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY003493.D
 Acq: 03 Nov 2020 15:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.9	76.3

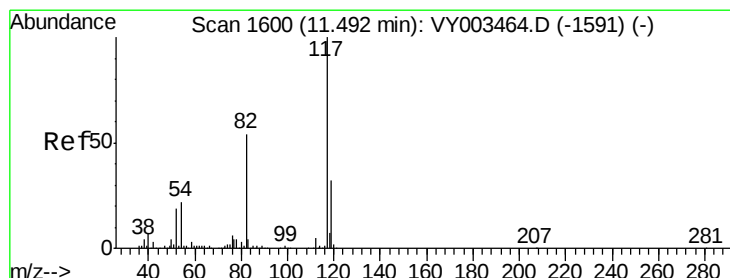
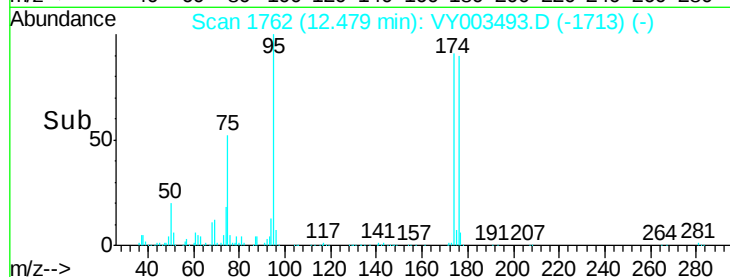
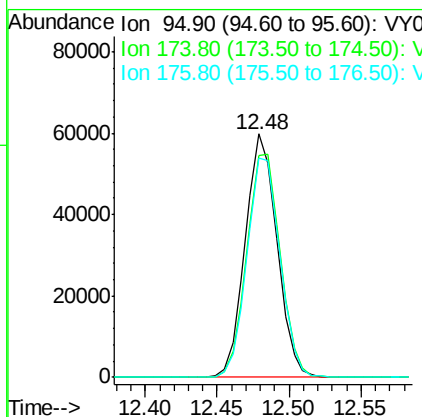
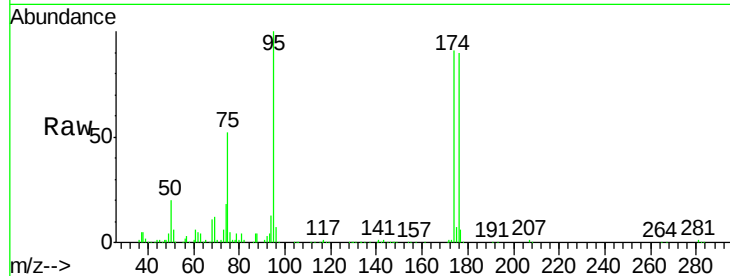




#62
4-Bromofluorobenzene
Concen: 42.346 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003493.D
Acq: 03 Nov 2020 15:32

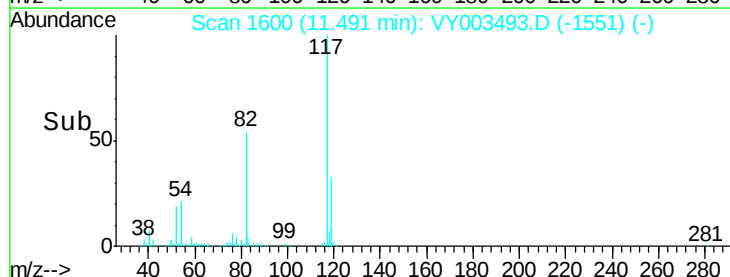
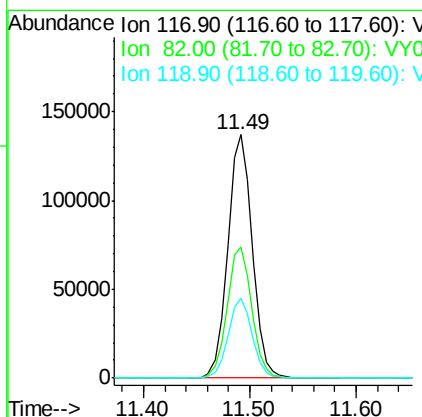
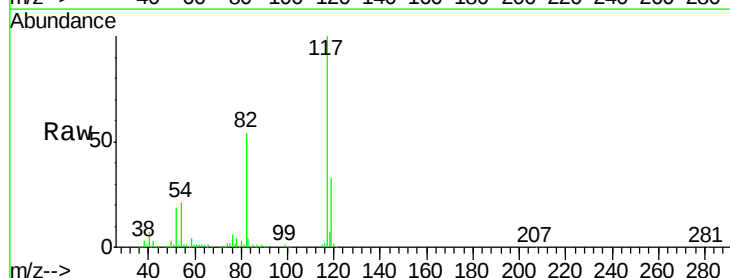
Instrument :
MSVOA_Y
ClientSampled :
CRT-6

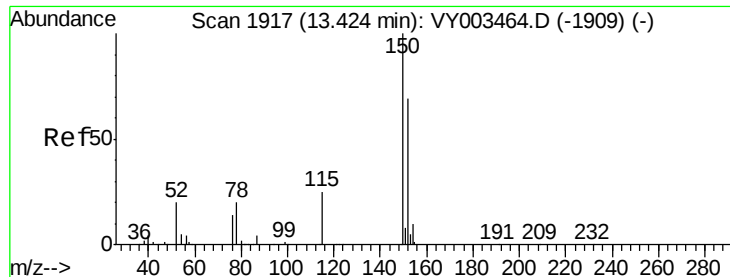
Tot Ion: 95 Resp: 91092
Ion Ratio Lower Upper
95 100
174 96.2 0.0 193.0
176 93.5 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003493.D
Acq: 03 Nov 2020 15:32

Tgt Ion: 117 Resp: 220427
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.2
119 32.6 25.8 38.6



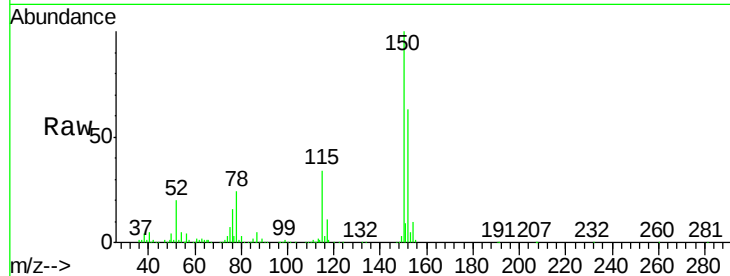


#72

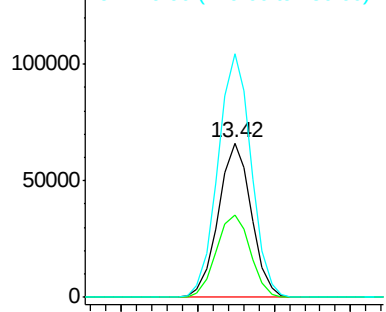
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003493.D
Acq: 03 Nov 2020 15:32

Instrument :
MSVOA_Y
ClientSampled :
CRT-6

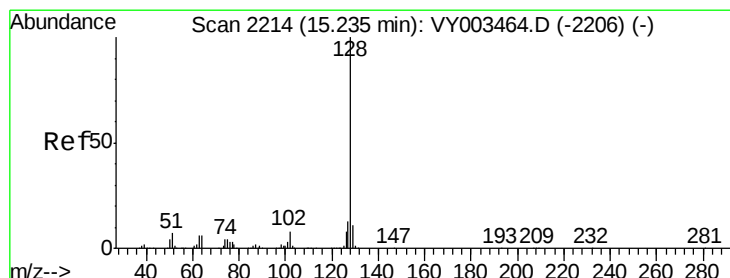
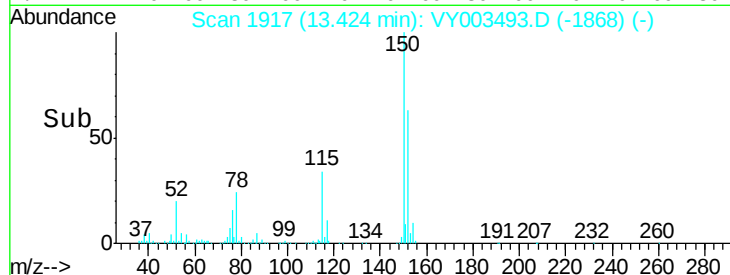
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.5	82.4
150	158.9	0.0	345.8



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



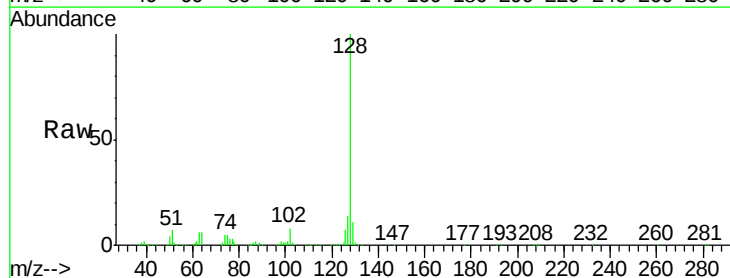
Time-->



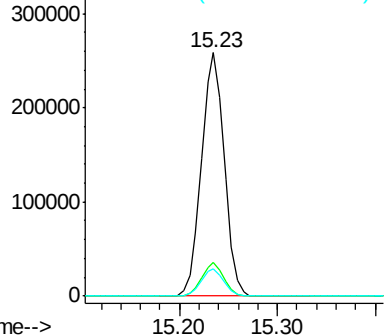
#95

Naphthalene
Concen: 107.985 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003493.D
Acq: 03 Nov 2020 15:32

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	11.0	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



Time-->

