

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042820\
 Data File : VY002491.D
 Acq On : 28 Apr 2020 13:57
 Operator : SY/MD
 Sample : L2428-02
 Misc : 5.02G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-7A

Quant Time: Apr 29 00:34:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

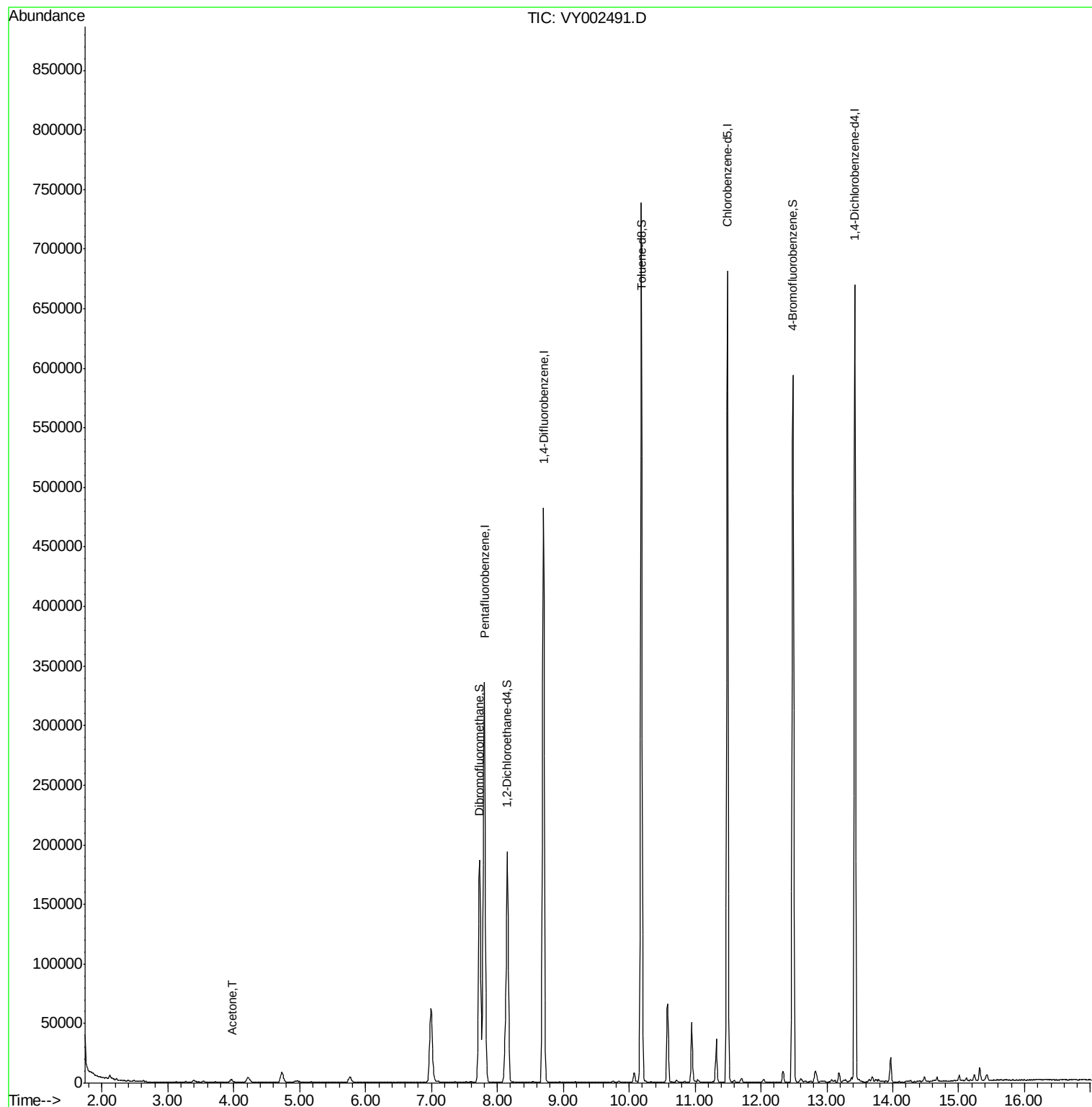
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	280311	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.70	114	434531	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	386160	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	179411	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	140744	57.45	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	114.90%	
35) Dibromofluoromethane	7.73	113	129412	52.80	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	105.60%	
50) Toluene-d8	10.18	98	499889	50.74	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	101.48%	
62) 4-Bromofluorobenzene	12.49	95	158583	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
Target Compounds						
16) Acetone	3.96	43	4398	8.590	ug/l #	Qvalue 82

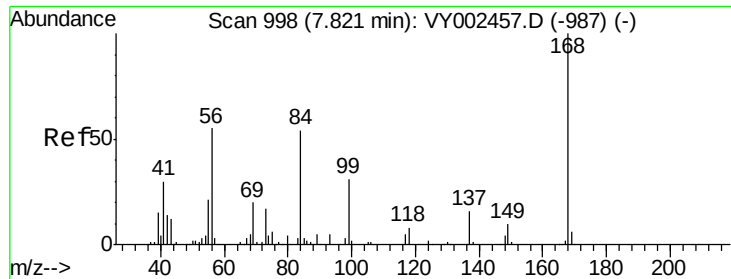
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.02 min

Lab File: VY002491.D

Acq: 28 Apr 2020 13:57

Instrument :

MSVOA_Y

ClientSampled :

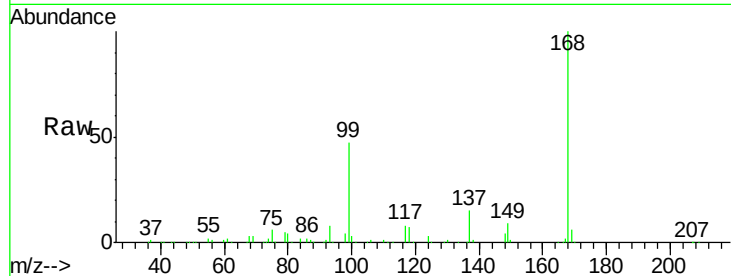
S-7A

Tot Ion:168 Resp: 280311

Ion Ratio Lower Upper

168 100

99 47.4 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY002457.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY002457.D (-987) (-)

7.80

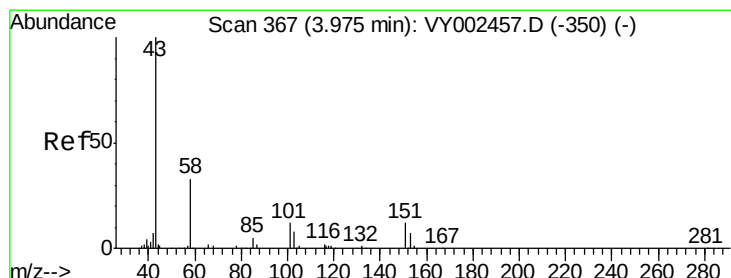
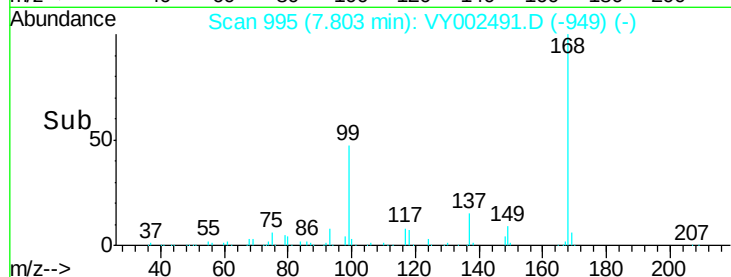
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.590 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY002491.D

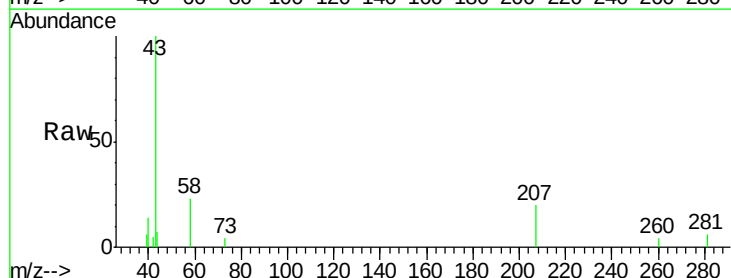
Acq: 28 Apr 2020 13:57

Tgt Ion: 43 Resp: 4398

Ion Ratio Lower Upper

43 100

58 22.5 26.4 39.6#



Abundance Ion 43.00 (42.70 to 43.70): VY002457.D (-350) (-)

Ion 58.00 (57.70 to 58.70): VY002457.D (-350) (-)

3.96

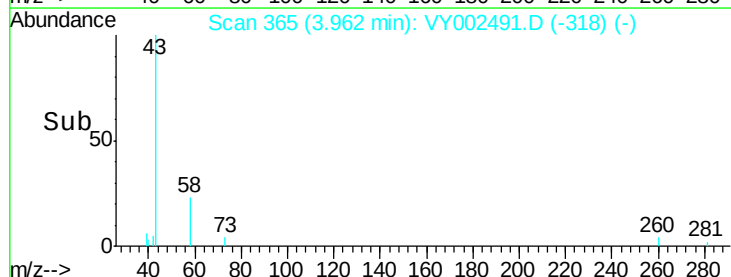
1500

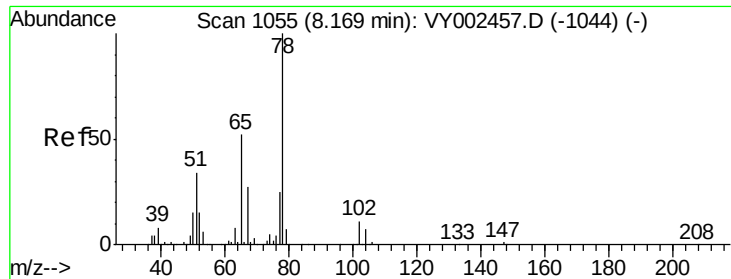
1000

500

0

Time-->

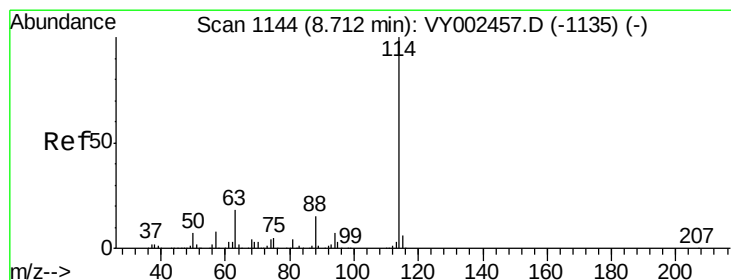
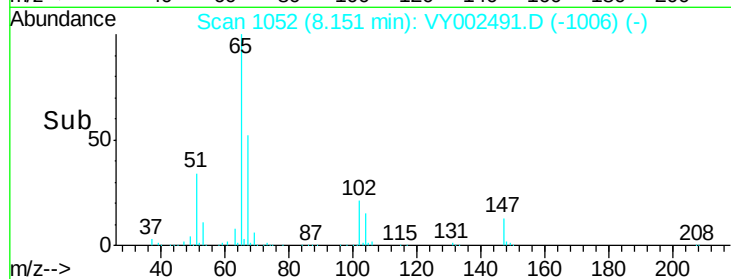
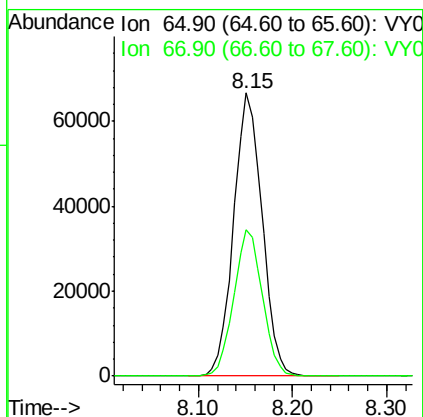
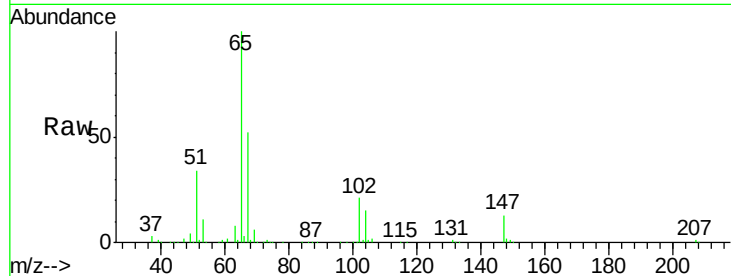




#33
 1,2-Dichloroethane-d4
 Concen: 57.446 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: VY002491.D
 Acq: 28 Apr 2020 13:57

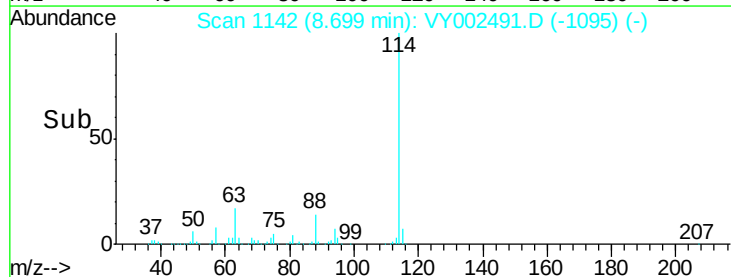
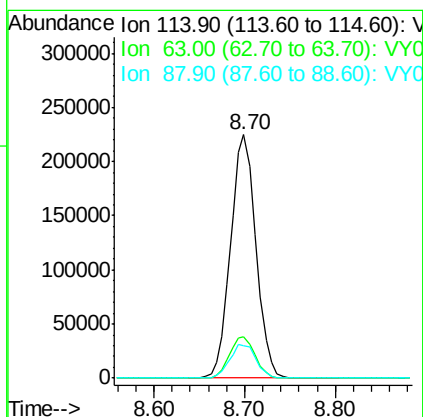
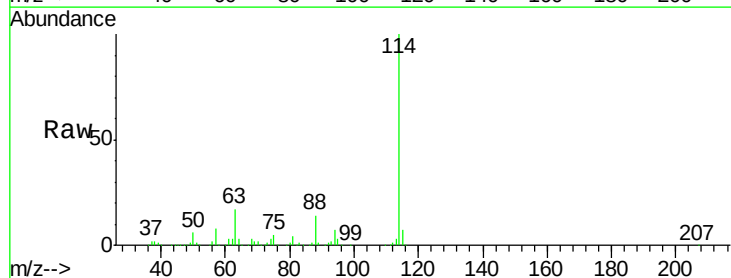
Instrument :
 MSVOA_Y
 ClientSampleId :
 S-7A

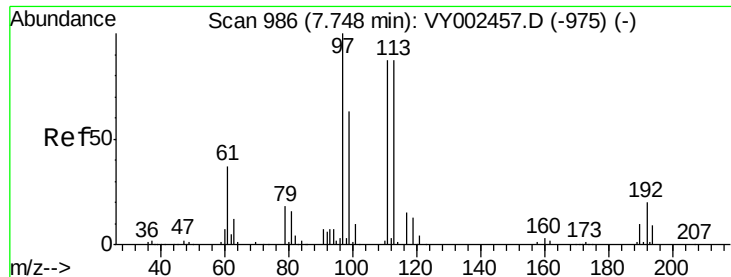
Tot Ion: 65 Resp: 140744
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002491.D
 Acq: 28 Apr 2020 13:57

Tgt Ion: 114 Resp: 434531
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 35.6
 88 13.6 0.0 29.4





#35

Dibromofluoromethane

Concen: 52.800 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY002491.D

Acq: 28 Apr 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

S-7A

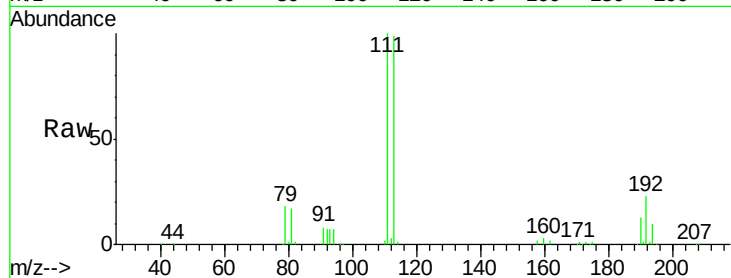
Tot Ion:113 Resp: 129412

Ion Ratio Lower Upper

113 100

111 102.0 81.0 121.4

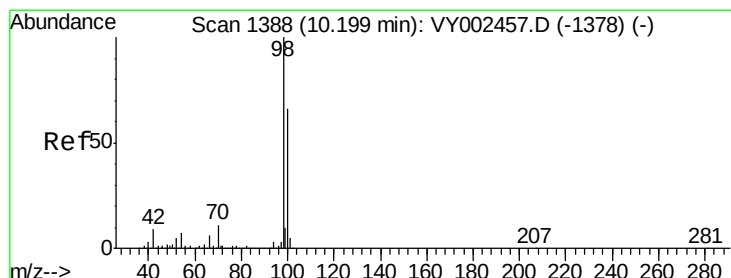
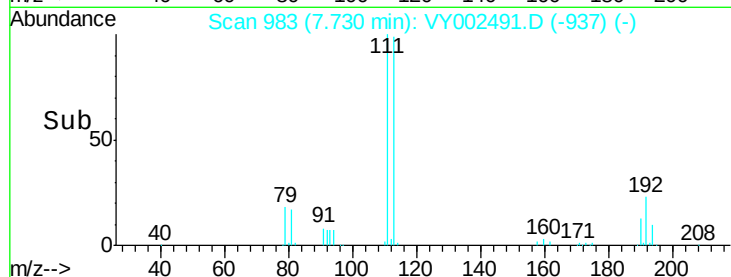
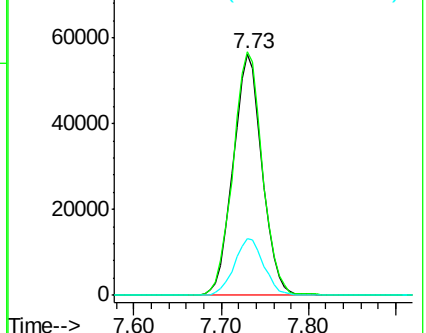
192 23.7 18.6 27.8



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: 50.745 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.02 min

Lab File: VY002491.D

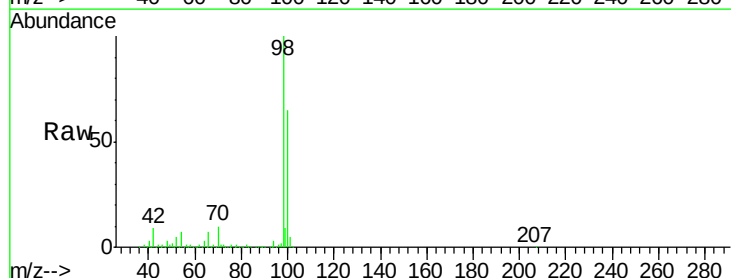
Acq: 28 Apr 2020 13:57

Tgt Ion: 98 Resp: 499889

Ion Ratio Lower Upper

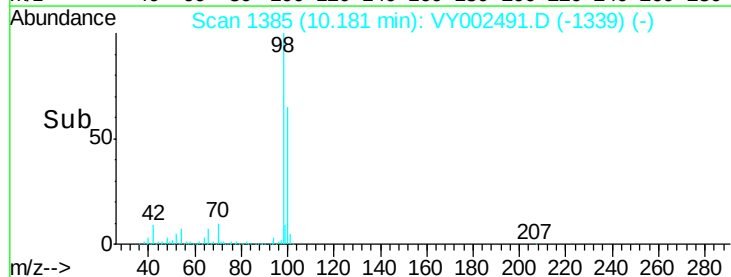
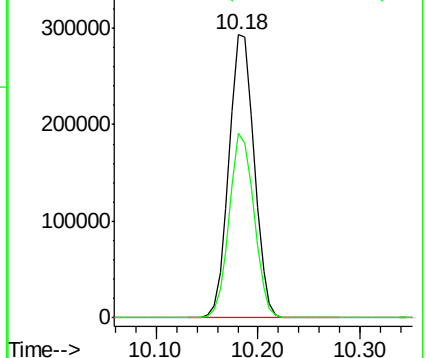
98 100

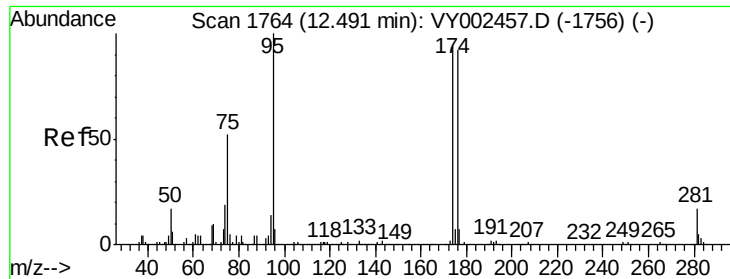
100 64.0 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

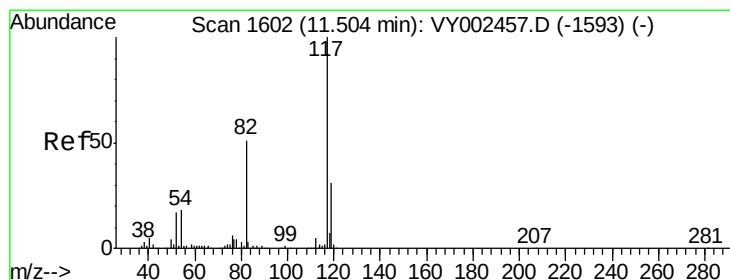
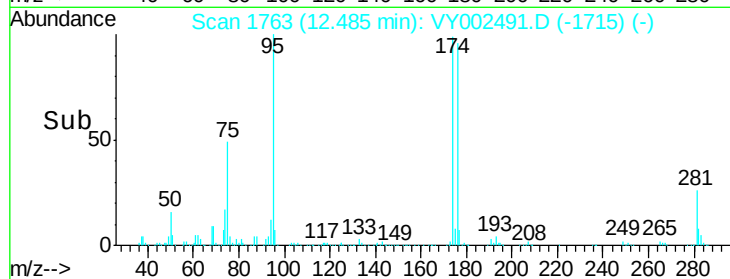
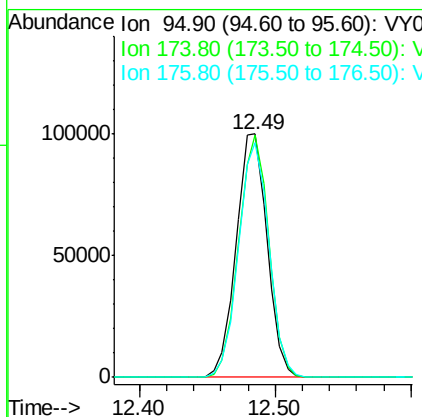
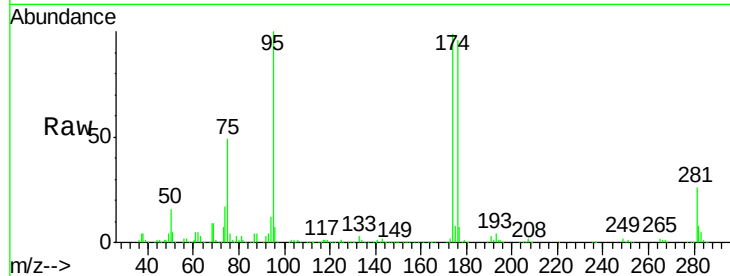




#62
4-Bromofluorobenzene
Concen: 47.976 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY002491.D
Acq: 28 Apr 2020 13:57

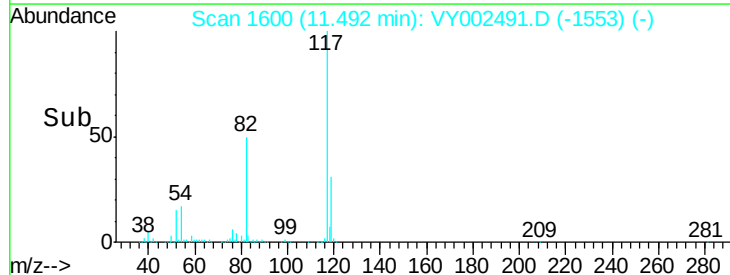
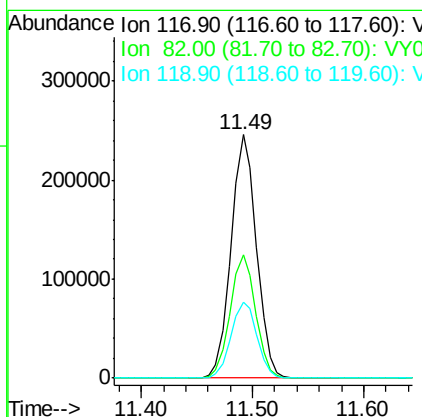
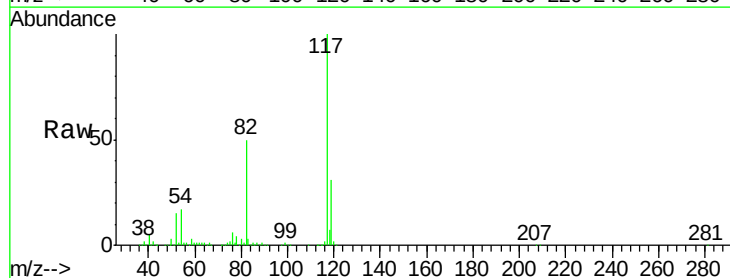
Instrument :
MSVOA_Y
ClientSampled :
S-7A

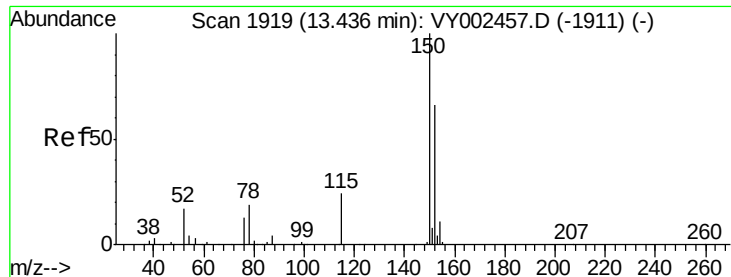
Tot Ion	95	Resp	158583
Ion Ratio	Lower	Upper	
95	100		
174	96.9	0.0	193.0
176	94.9	0.0	190.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002491.D
Acq: 28 Apr 2020 13:57

Tgt Ion	117	Resp	386160
Ion Ratio	Lower	Upper	
117	100		
82	50.5	40.8	61.2
119	31.1	25.2	37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY002491.D

Acq: 28 Apr 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

S-7A

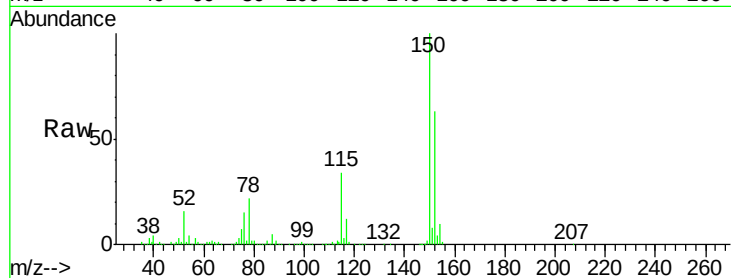
Tot Ion:152 Resp: 179411

Ion Ratio Lower Upper

152 100

115 53.3 27.3 81.8

150 158.1 0.0 346.8



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

