

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002533.D
 Acq On : 04 May 2020 12:19
 Operator : SY/MD
 Sample : L2441-01
 Misc : 5.03G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RECOVERED-CRUSH-AGGREGAT

Quant Time: May 05 07:28:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

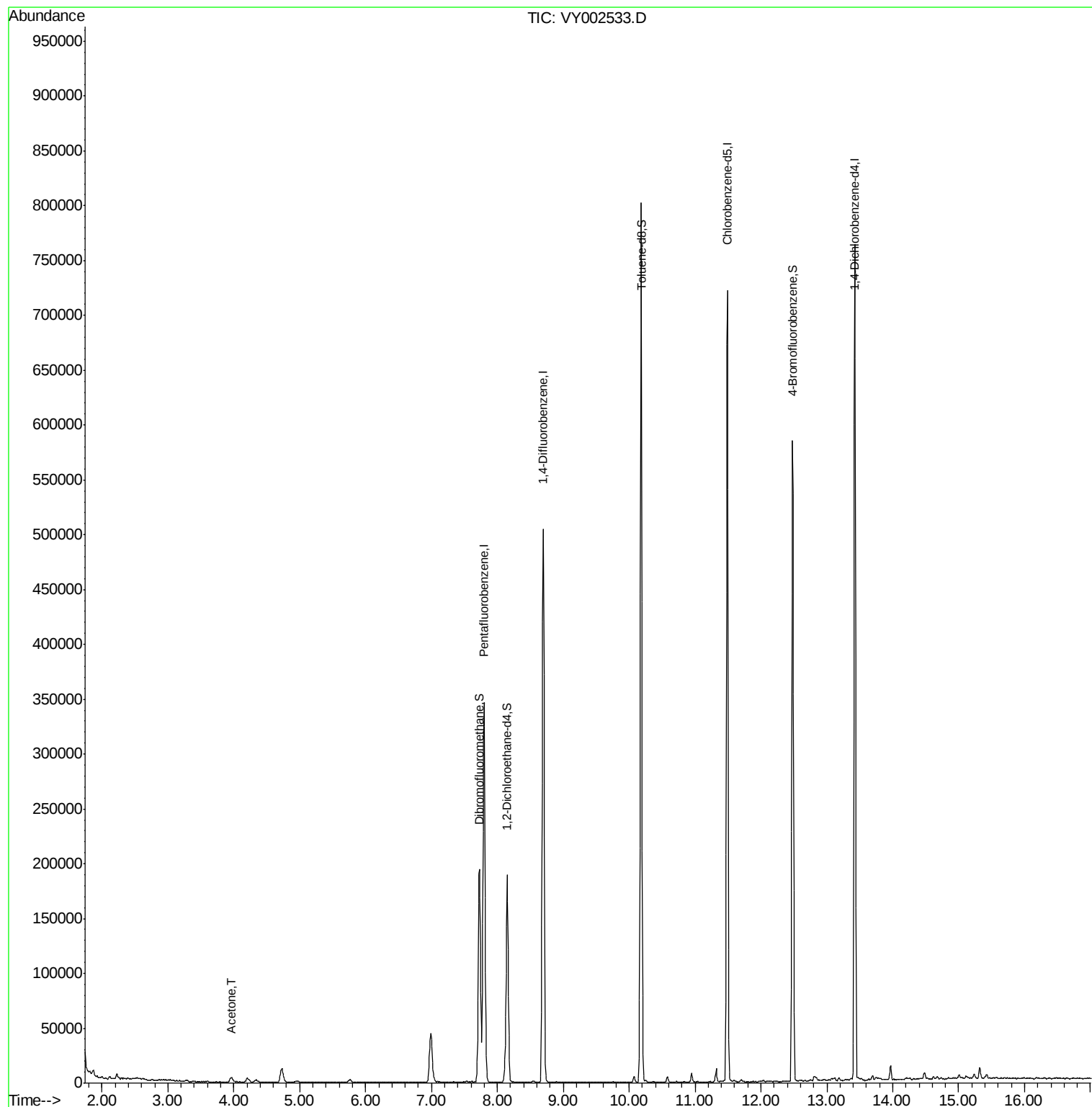
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	281686	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	456840	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	410554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	201318	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	141547	59.76	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	119.52%	
35) Dibromofluoromethane	7.73	113	139849	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.06%	
50) Toluene-d8	10.18	98	529810	51.93	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.48	95	175564	50.71	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	101.42%	
Target Compounds						
16) Acetone	3.96	43	7985	16.336	ug/l #	Qvalue 87

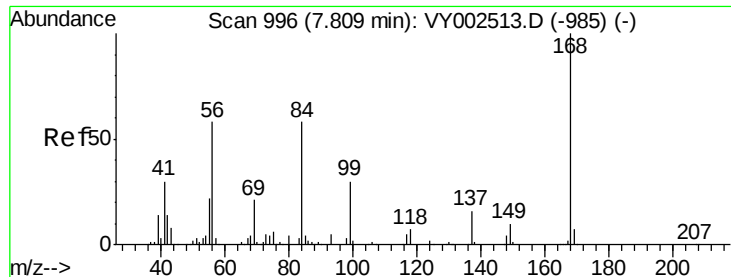
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002533.D

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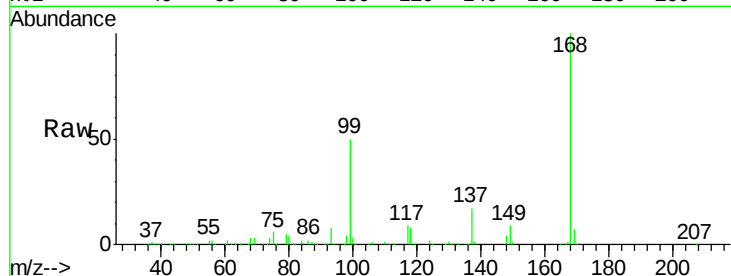
RECOVERED-CRUSH-AGGREGAT

Tot Ion:168 Resp: 281686

Ion Ratio Lower Upper

168 100

99 50.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.80

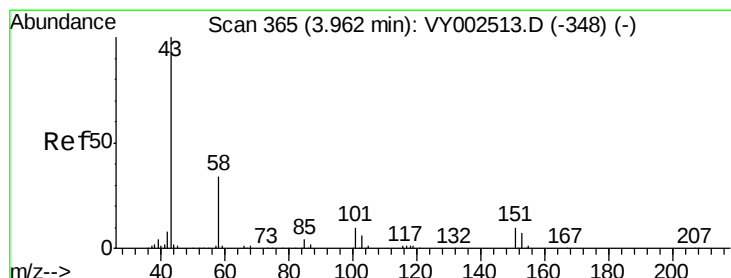
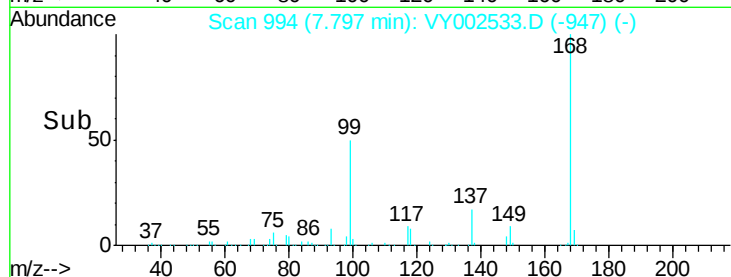
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 16.336 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY002533.D

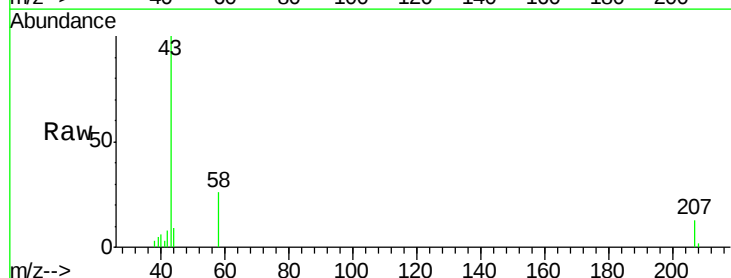
Acq: 04 May 2020 12:19

Tgt Ion: 43 Resp: 7985

Ion Ratio Lower Upper

43 100

58 26.3 26.9 40.3#



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VY002513.D (-348) (-)

3.96

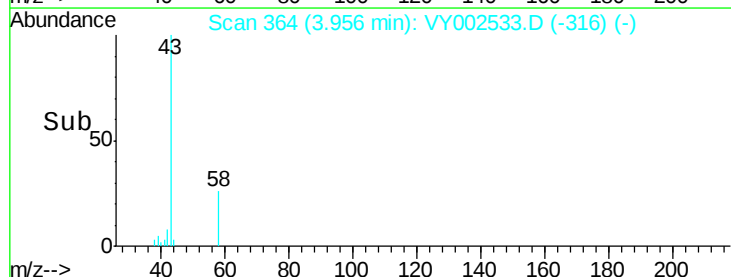
3000

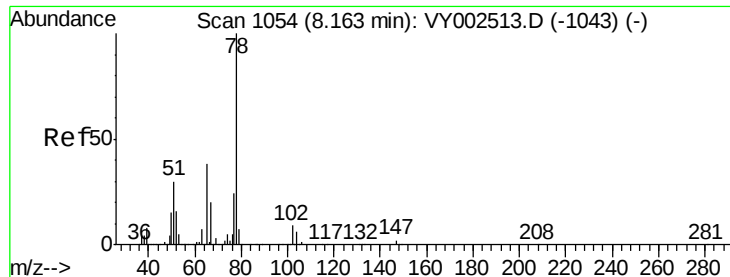
2000

1000

0

Time-->

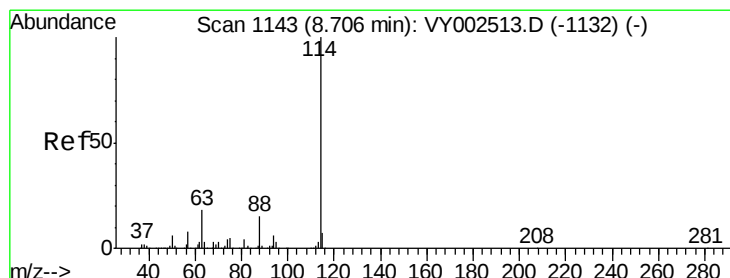
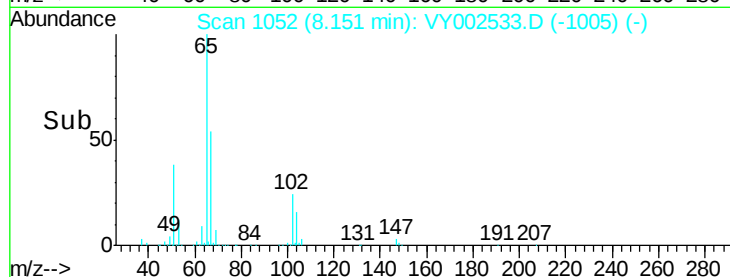
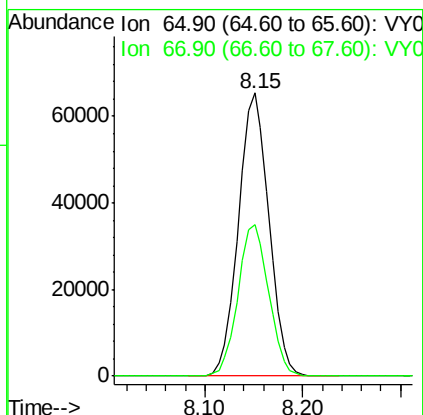
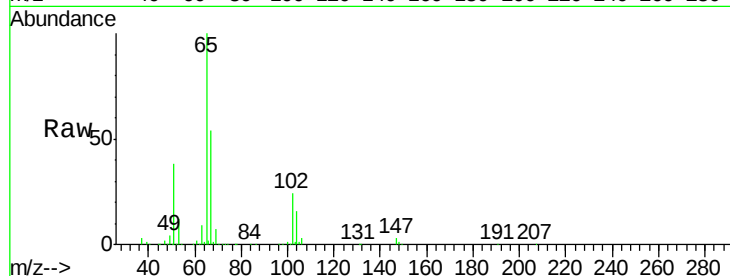




#33
 1,2-Dichloroethane-d4
 Concen: 59.763 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002533.D
 Acq: 04 May 2020 12:19

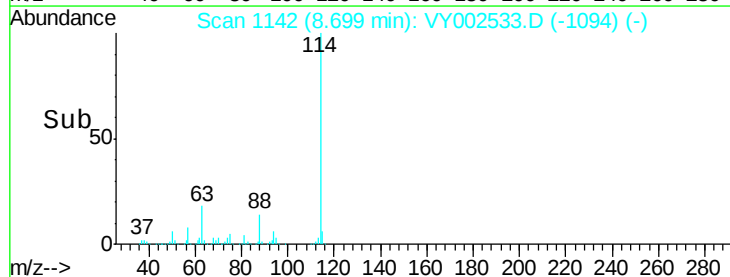
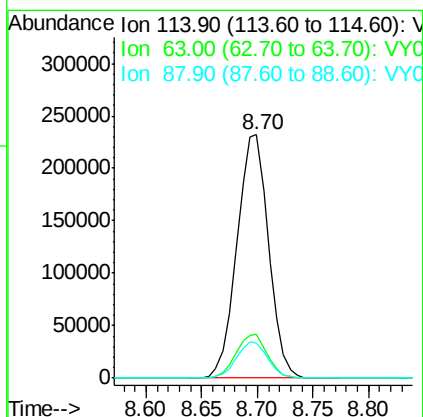
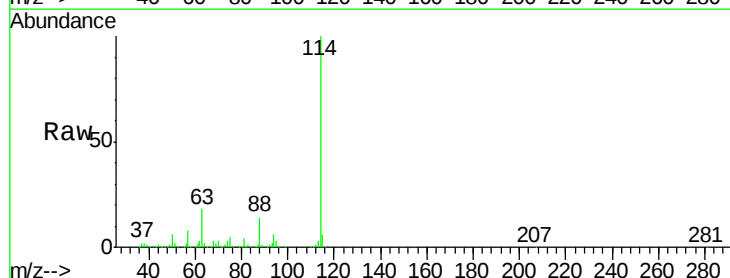
Instrument :
 MSVOA_Y
 ClientSampleId :
 RECOVERED-CRUSH-AGGREGAT

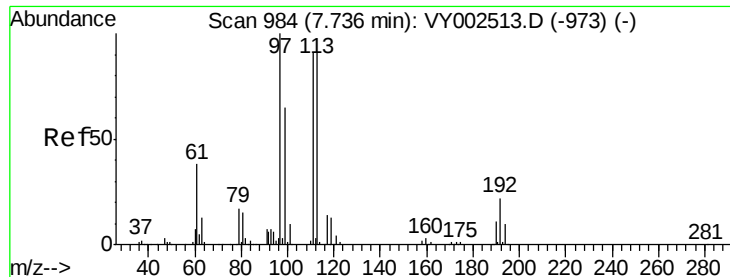
Tot Ion: 65 Resp: 141547
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002533.D
 Acq: 04 May 2020 12:19

Tgt Ion: 114 Resp: 456840
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.4
 88 14.1 0.0 29.6





#35

Dibromofluoromethane

Concen: 53.527 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002533.D

Acq: 04 May 2020 12:19

Instrument :

MSVOA_Y

ClientSampleId :

RECOVERED-CRUSH-AGGREGAT

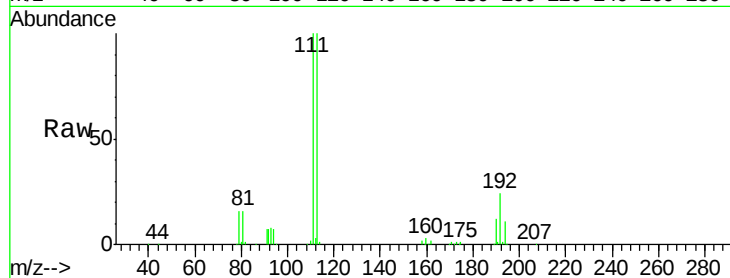
Tot Ion:113 Resp: 139849

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.6

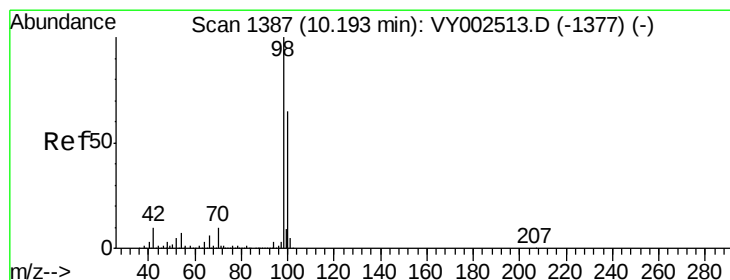
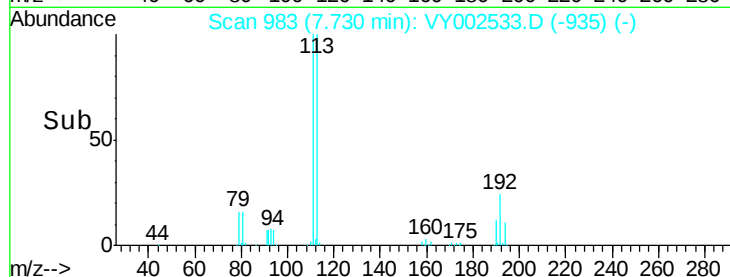
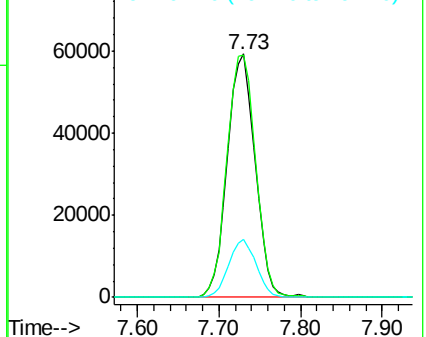
192 23.3 18.2 27.4



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: 51.927 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002533.D

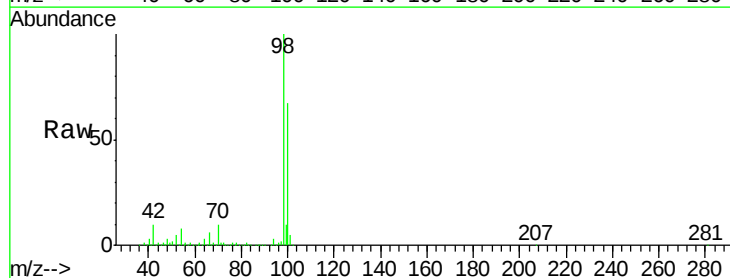
Acq: 04 May 2020 12:19

Tgt Ion: 98 Resp: 529810

Ion Ratio Lower Upper

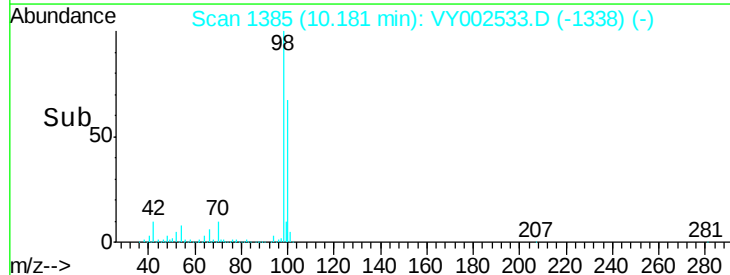
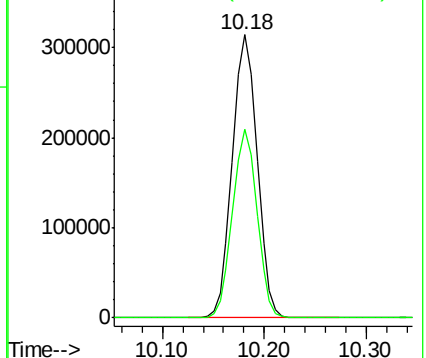
98 100

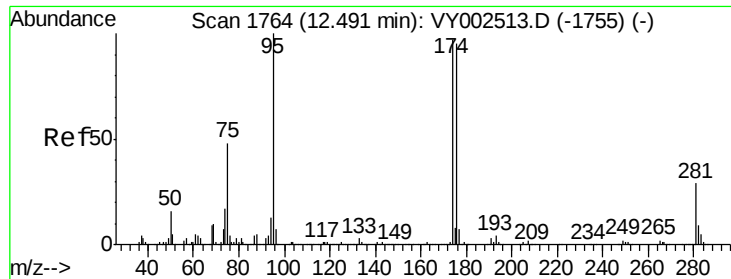
100 65.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

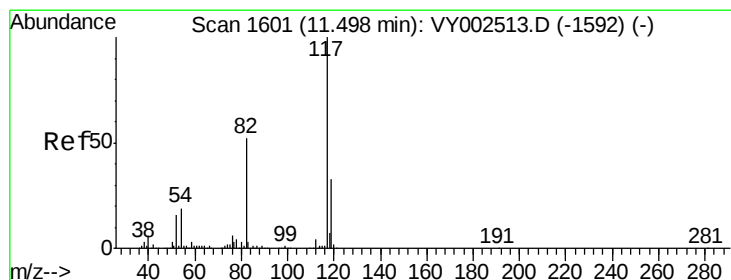
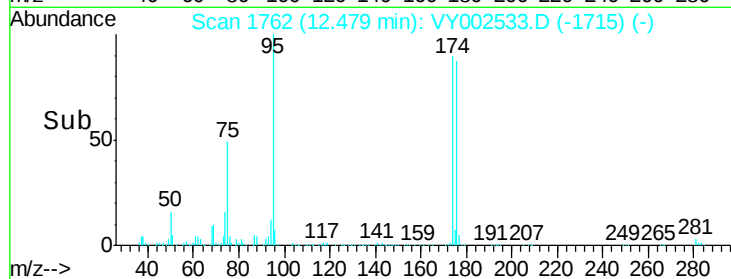
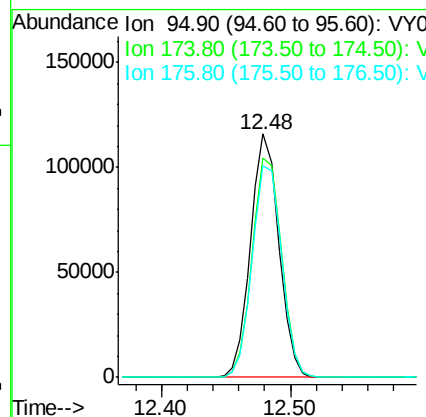
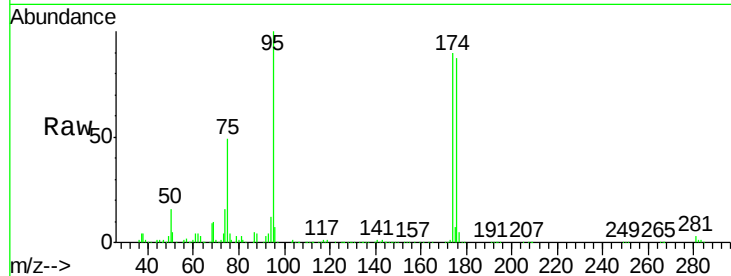




#62
4-Bromofluorobenzene
Concen: 50.710 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY002533.D
Acq: 04 May 2020 12:19

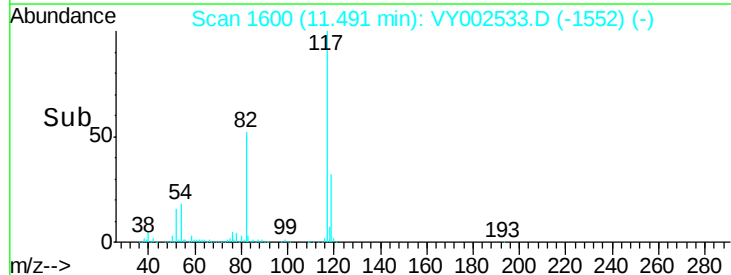
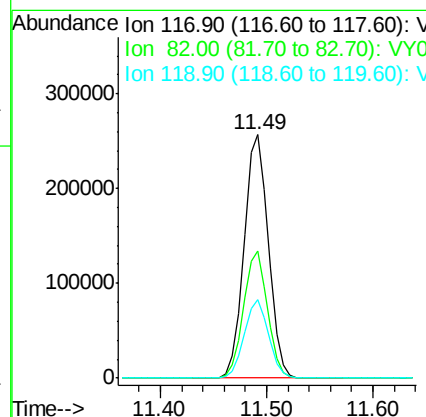
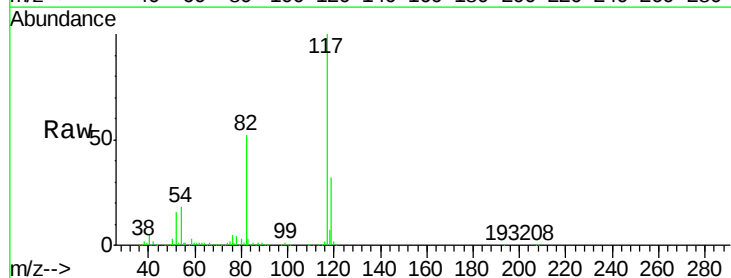
Instrument :
MSVOA_Y
ClientSampleId :
RECOVERED-CRUSH-AGGREGAT

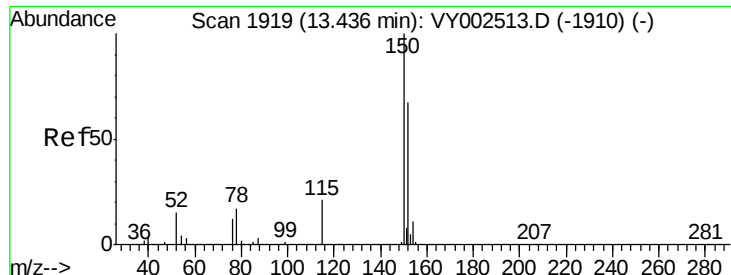
Tot Ion	Ratio	Lower	Upper
95	100		
174	93.4	0.0	188.8
176	90.2	0.0	183.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002533.D
Acq: 04 May 2020 12:19

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.3	61.9
119	32.4	26.0	39.0



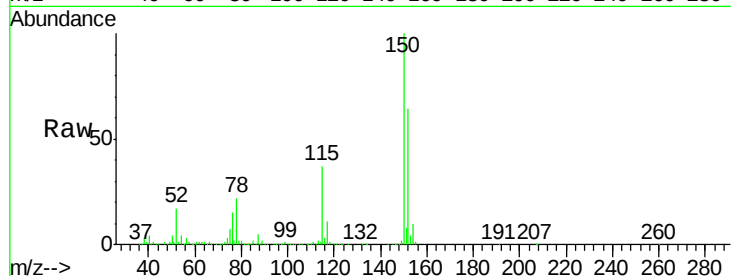


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.01 min
 Lab File: VY002533.D
 Acq: 04 May 2020 12:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 RECOVERED-CRUSH-AGGREGAT

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.4	27.5	82.4
150	156.2	0.0	346.4



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

