

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071420\
 Data File : VY003199.D
 Acq On : 14 Jul 2020 16:32
 Operator : SY/MD
 Sample : L3301-01
 Misc : 5.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CARLSTADT-SAMPLE-2020

Quant Time: Jul 15 06:00:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

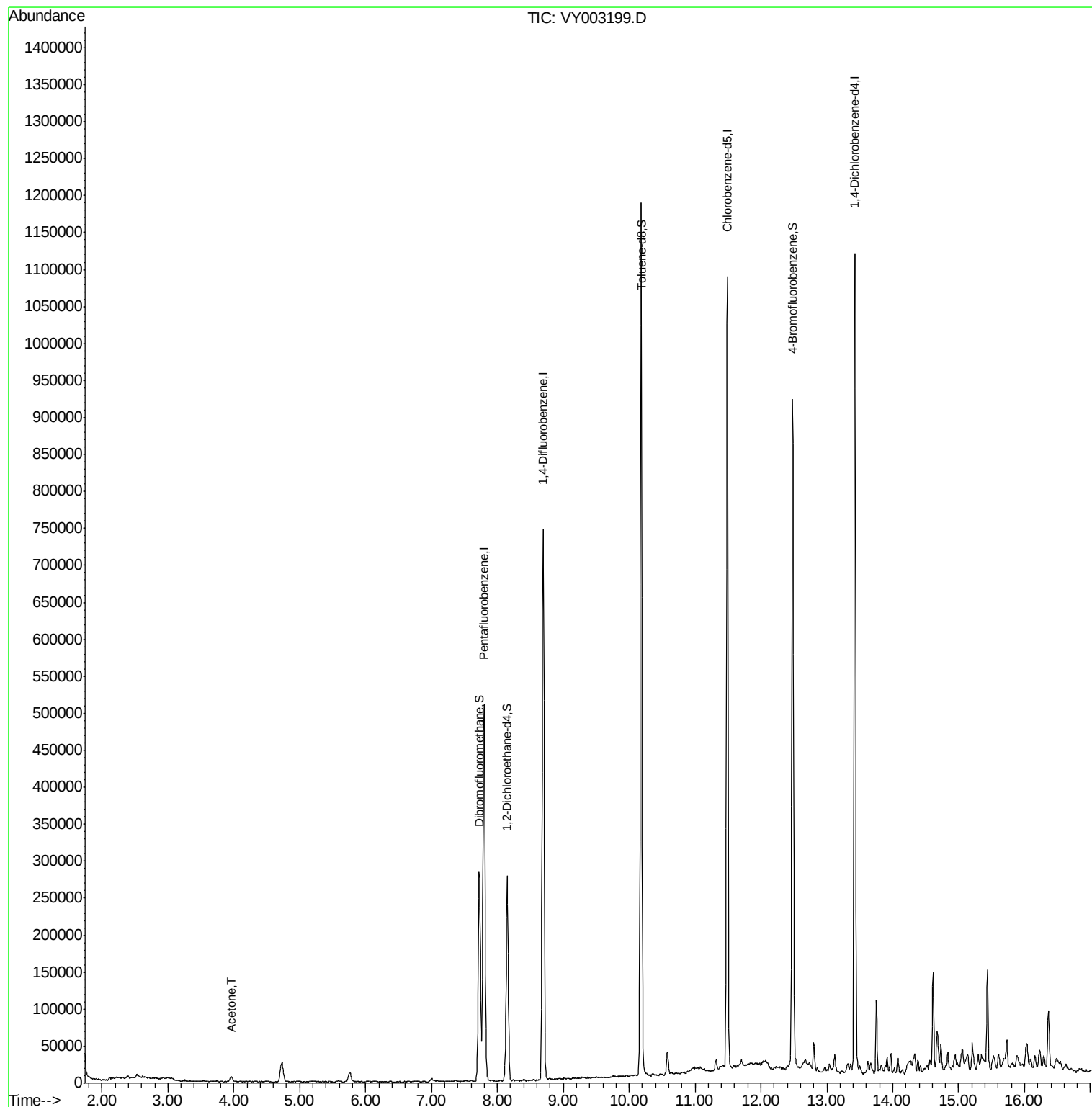
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	421369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	635988	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	590474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	285472	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	211010	59.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.66%	
35) Dibromofluoromethane	7.72	113	197883	54.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.14%	
50) Toluene-d8	10.18	98	765141	56.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.46%	
62) 4-Bromofluorobenzene	12.48	95	260680	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
Target Compounds						
16) Acetone	3.95	43	12093	15.222	ug/l	Qvalue 92

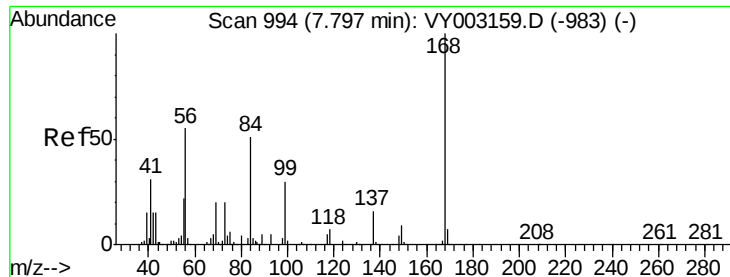
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY071420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003199.D

Acq: 14 Jul 2020 16:32

Instrument :

MSVOA_Y

ClientSampleId :

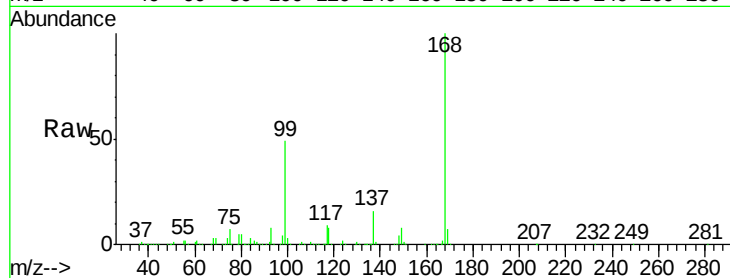
CARLSTADT-SAMPLE-2020

Tot Ion:168 Resp: 421369

Ion Ratio Lower Upper

168 100

99 49.2 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003199.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003199.D (-945) (-)

7.80

200000

150000

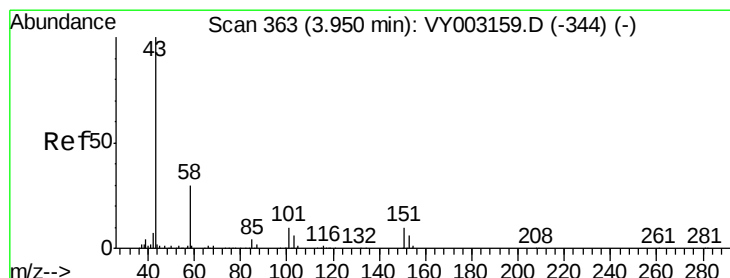
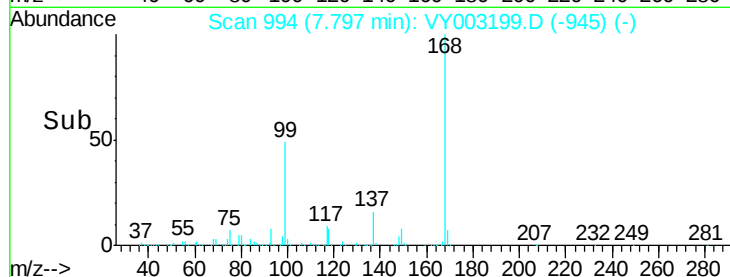
100000

50000

0

7.70 7.80 7.90 8.00

Time-->



#16

Acetone

Concen: 15.222 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY003199.D

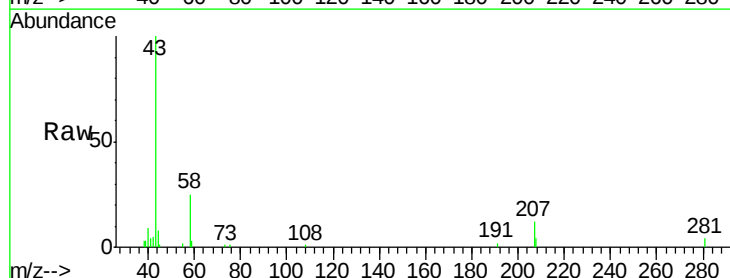
Acq: 14 Jul 2020 16:32

Tgt Ion: 43 Resp: 12093

Ion Ratio Lower Upper

43 100

58 25.4 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY003199.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003199.D (-314) (-)

3.95

5000

4000

3000

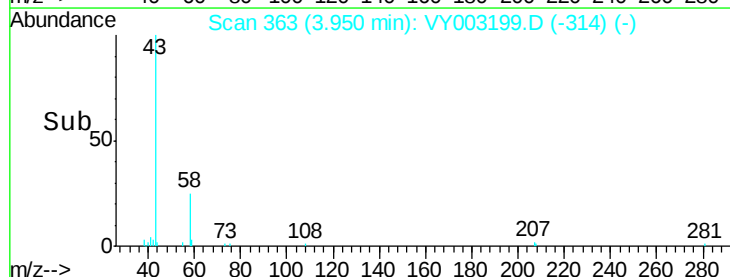
2000

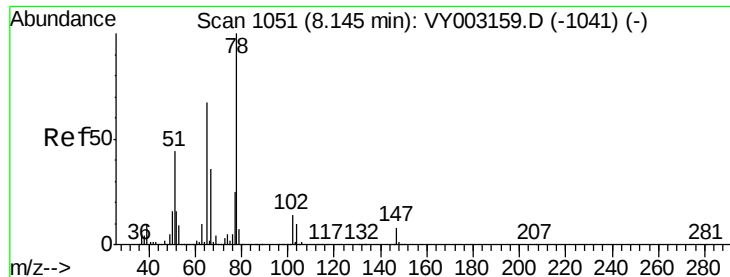
1000

0

3.90 4.00 4.10

Time-->





#33

1,2-Dichloroethane-d4

Concen: 59.331 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003199.D

Acq: 14 Jul 2020 16:32

Instrument :

MSVOA_Y

ClientSampleId :

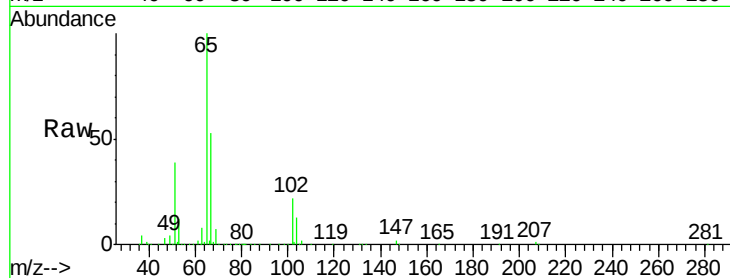
CARLSTADT-SAMPLE-2020

Tot Ion: 65 Resp: 211010

Ion Ratio Lower Upper

65 100

67 54.5 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.15

100000

80000

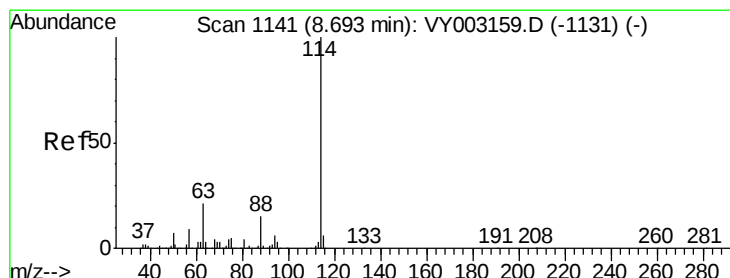
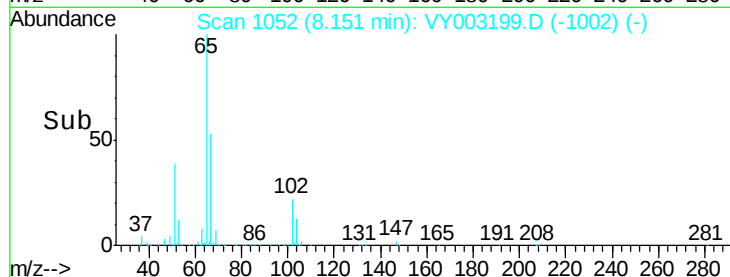
60000

40000

20000

0

Time--> 8.00 8.10 8.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003199.D

Acq: 14 Jul 2020 16:32

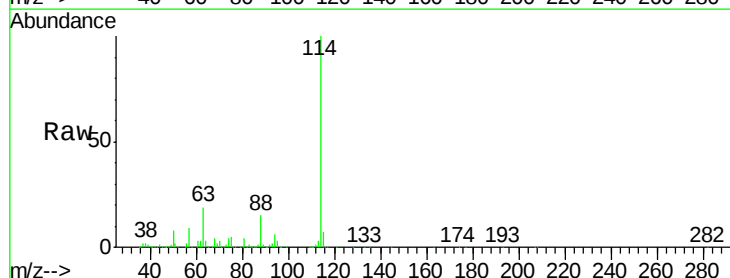
Tgt Ion: 114 Resp: 635988

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.2

88 15.1 0.0 30.2



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

8.69

400000

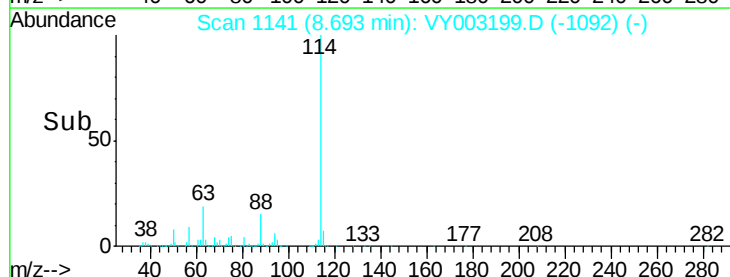
300000

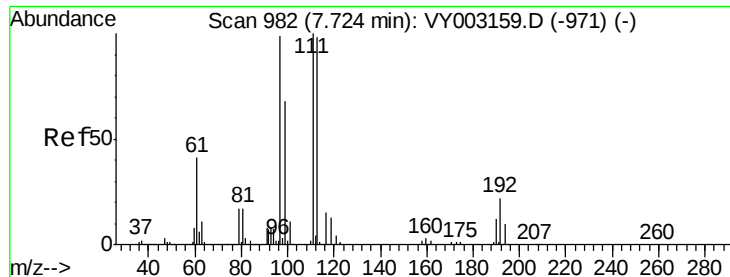
200000

100000

0

Time--> 8.60 8.70 8.80

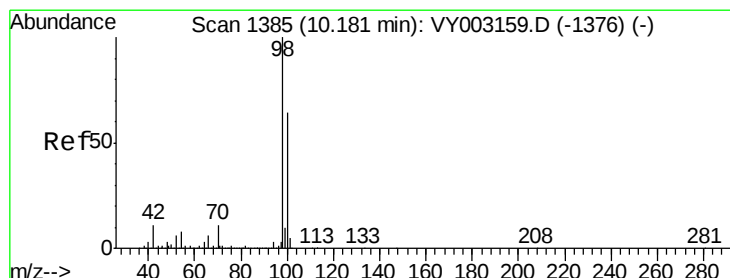
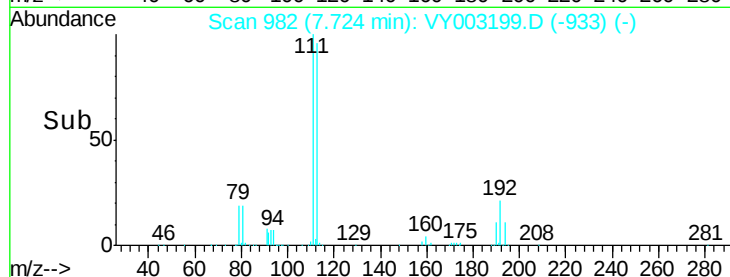
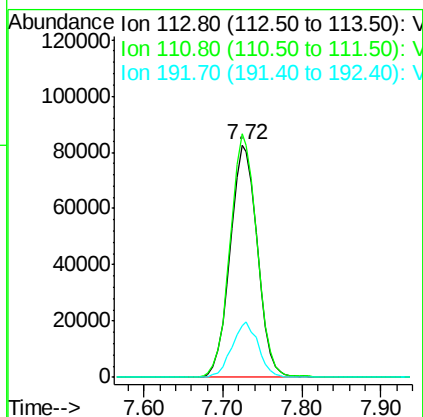
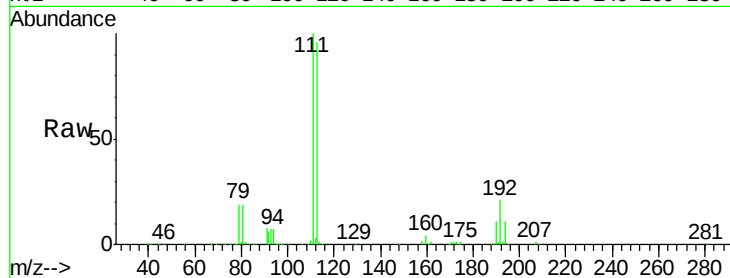




#35
Dibromofluoromethane
Concen: 54.067 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003199.D
Acq: 14 Jul 2020 16:32

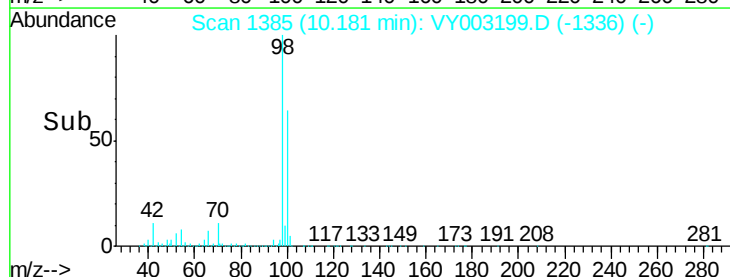
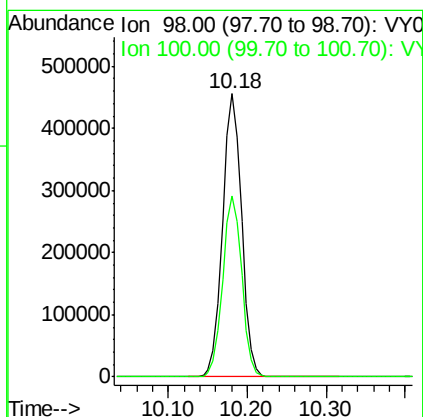
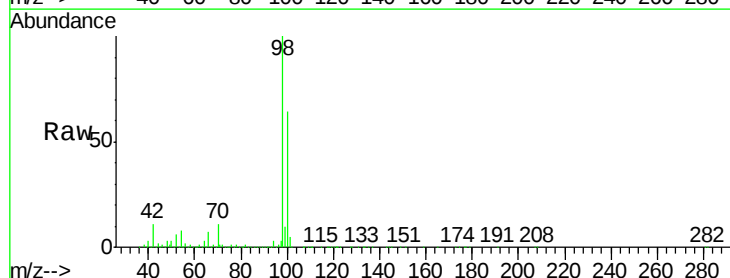
Instrument :
MSVOA_Y
ClientSampleId :
CARLSTADT-SAMPLE-2020

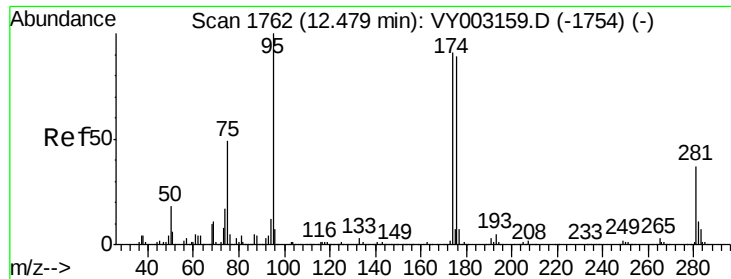
Tot Ion:113 Resp: 197883
Ion Ratio Lower Upper
113 100
111 103.6 82.1 123.1
192 23.1 18.8 28.2



#50
Toluene-d8
Concen: 56.231 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003199.D
Acq: 14 Jul 2020 16:32

Tgt Ion: 98 Resp: 765141
Ion Ratio Lower Upper
98 100
100 64.0 50.7 76.1

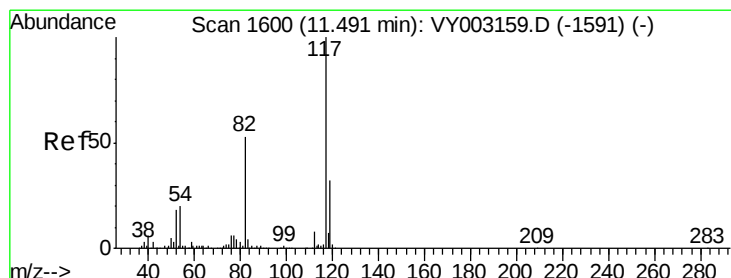
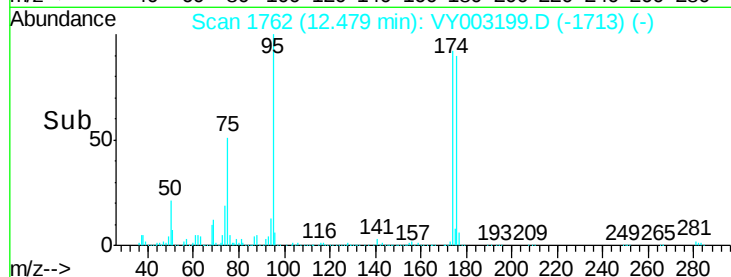
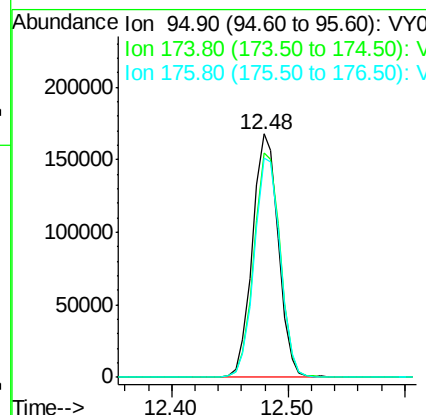
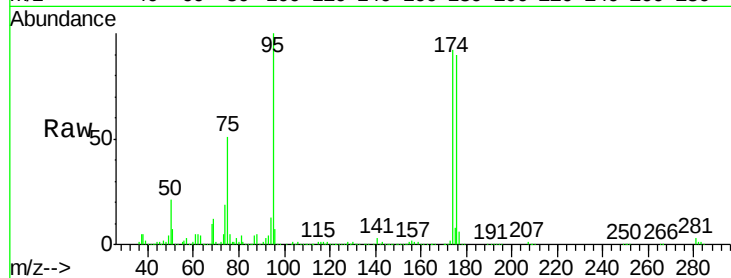




#62
4-Bromofluorobenzene
Concen: 53.030 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003199.D
Acq: 14 Jul 2020 16:32

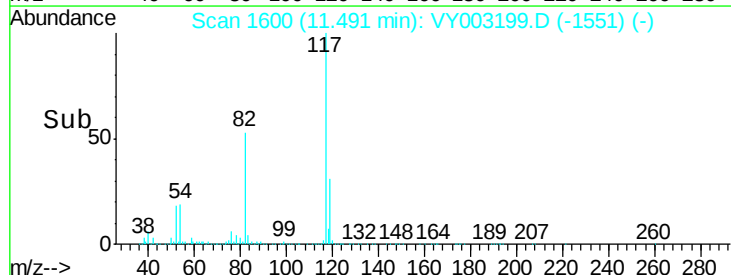
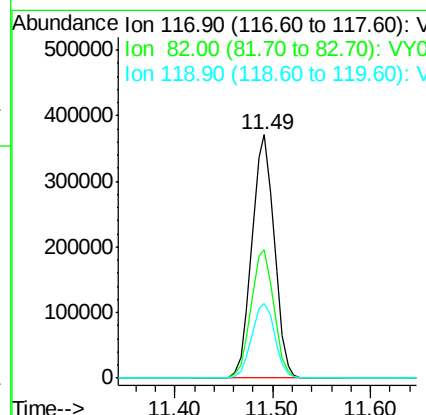
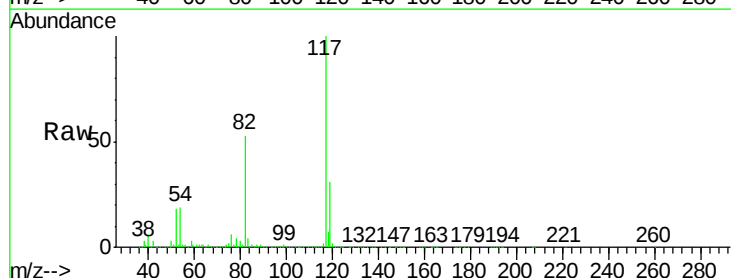
Instrument :
MSVOA_Y
ClientSampleId :
CARLSTADT-SAMPLE-2020

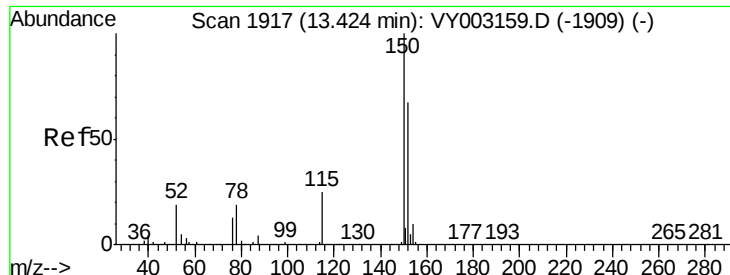
Tot Ion	95	Resp	260680
Ion Ratio	Lower	Upper	
95	100		
174	93.4	0.0	190.6
176	90.8	0.0	186.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003199.D
Acq: 14 Jul 2020 16:32

Tgt Ion	117	Resp	590474
Ion Ratio	Lower	Upper	
117	100		
82	52.9	42.0	63.0
119	30.7	25.5	38.3



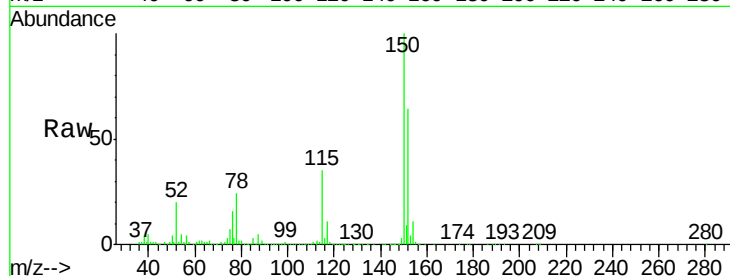


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: VY003199.D
 Acq: 14 Jul 2020 16:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 CARLSTADT-SAMPLE-2020

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.1	26.9	80.7
150	155.9	0.0	338.0



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

