

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
 Data File : VY003083.D
 Acq On : 02 Jul 2020 14:24
 Operator : SY/MD
 Sample : L3176-01
 Misc : 3.84G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STONE-1

Quant Time: Jul 03 03:18:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	295064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	475133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	462036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	232595	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	165231	56.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.76%	
35) Dibromofluoromethane	7.73	113	157661	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
50) Toluene-d8	10.18	98	576332	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
62) 4-Bromofluorobenzene	12.48	95	207574	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	

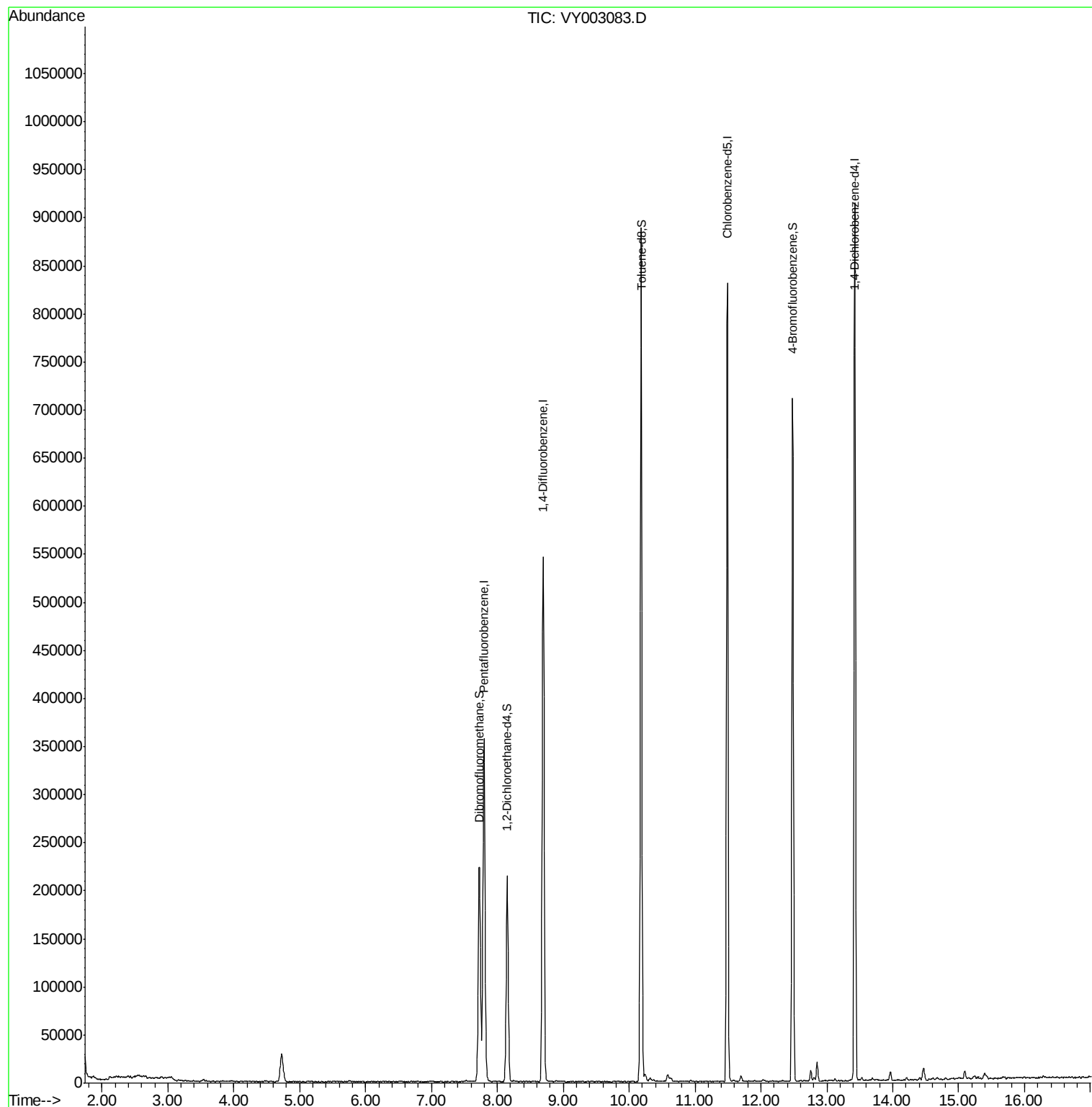
Target Compounds	Qvalue

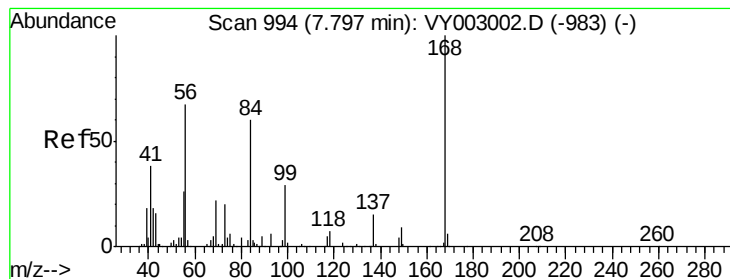
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003083.D

Acq: 02 Jul 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

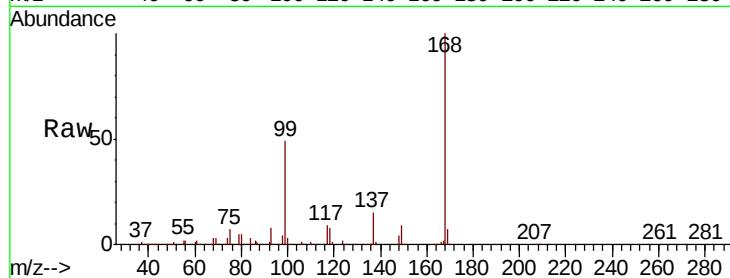
STONE-1

Tot Ion:168 Resp: 295064

Ion Ratio Lower Upper

168 100

99 48.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003083.D (-945) (-)

7.80

150000

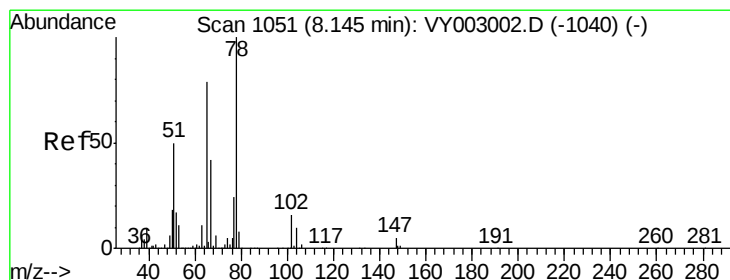
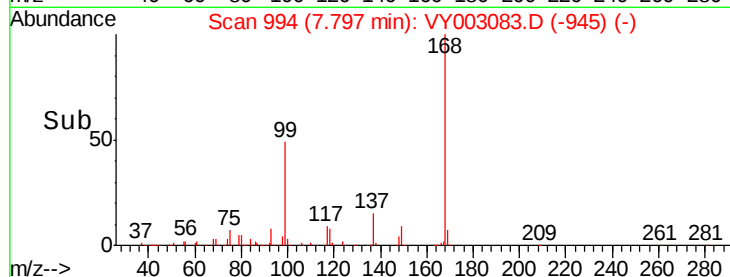
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.382 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003083.D

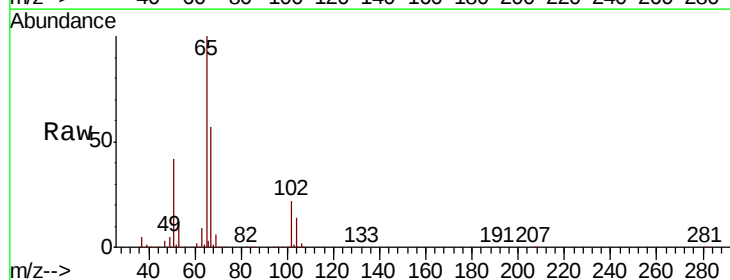
Acq: 02 Jul 2020 14:24

Tgt Ion: 65 Resp: 165231

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VY003002.D (-1040) (-)

Ion 66.90 (66.60 to 67.60): VY003083.D (-1002) (-)

8.15

80000

60000

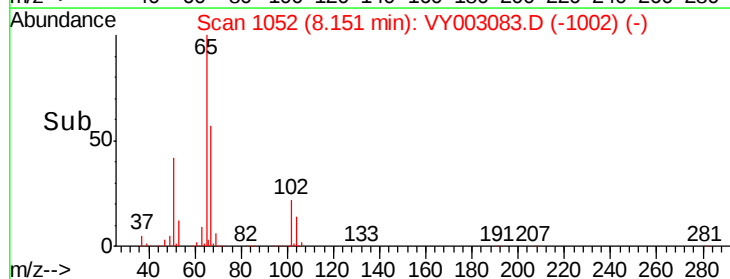
40000

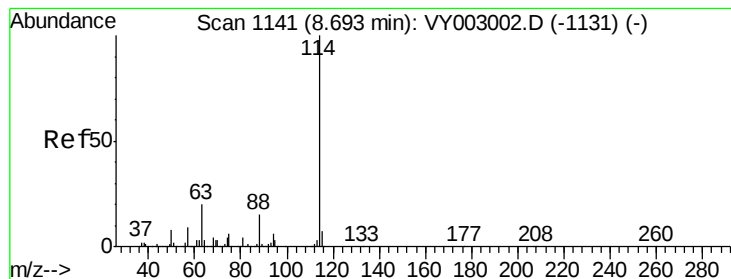
20000

0

8.05 8.10 8.15 8.20 8.25

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003083.D

Acq: 02 Jul 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

STONE-1

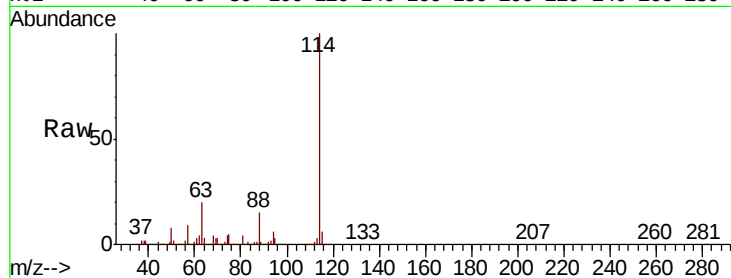
Tot Ion:114 Resp: 475133

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.6

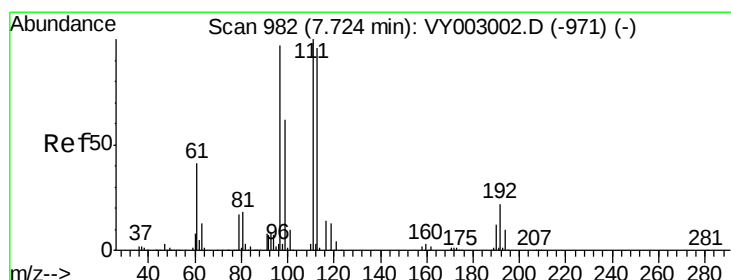
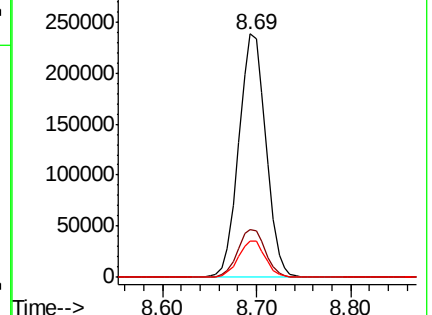
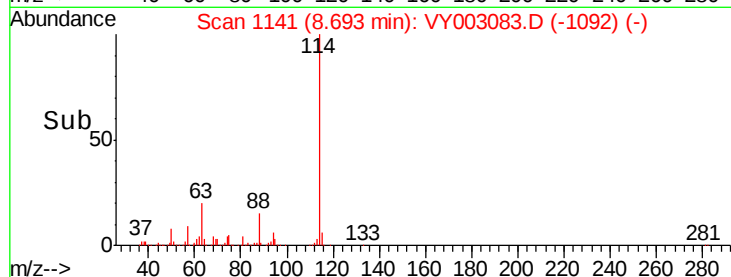
88 14.8 0.0 30.0



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: 53.193 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY003083.D

Acq: 02 Jul 2020 14:24

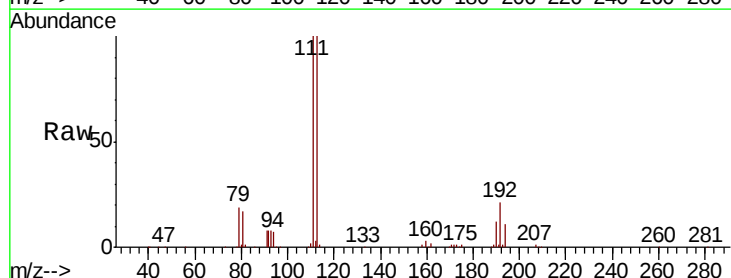
Tgt Ion:113 Resp: 157661

Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

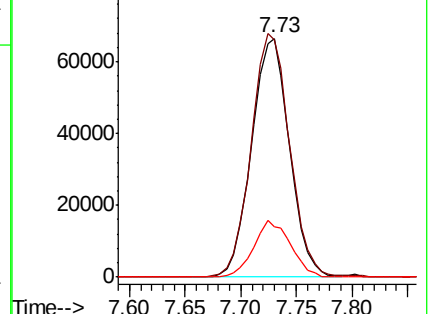
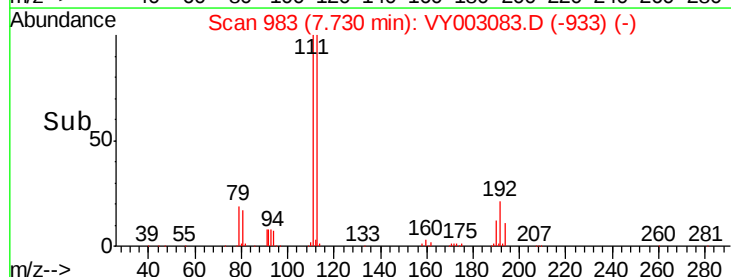
192 23.1 18.1 27.1

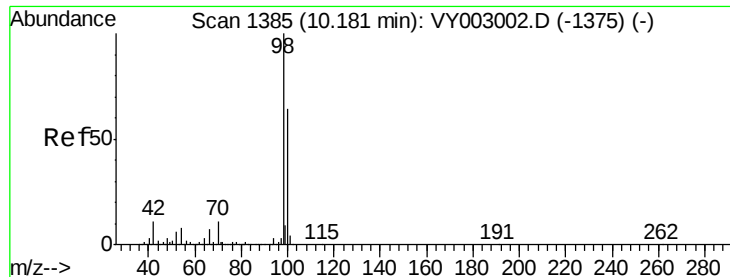


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.194 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003083.D

Acq: 02 Jul 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

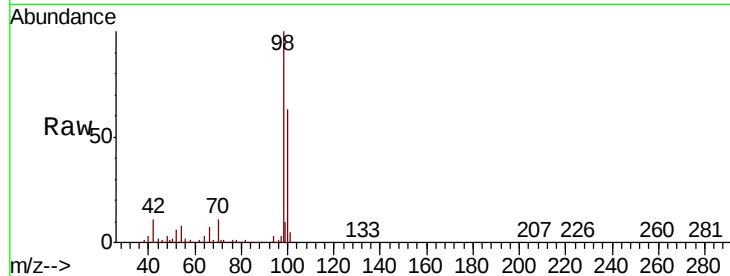
STONE-1

Tot Ion: 98 Resp: 576332

Ion Ratio Lower Upper

98 100

100 63.4 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

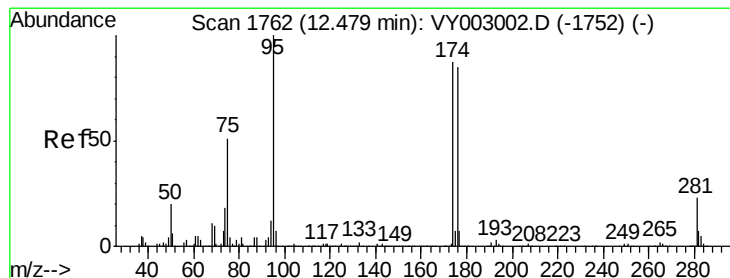
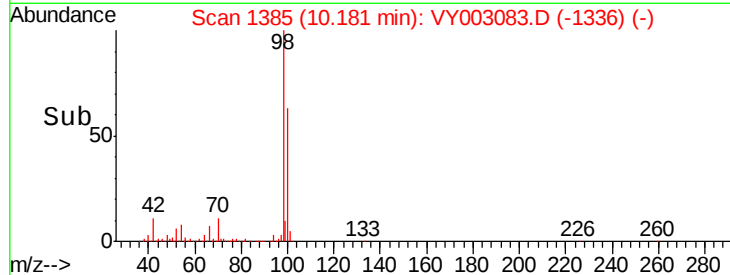
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.404 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003083.D

Acq: 02 Jul 2020 14:24

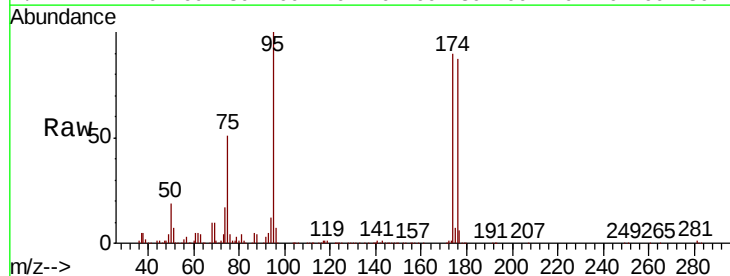
Tgt Ion: 95 Resp: 207574

Ion Ratio Lower Upper

95 100

174 92.6 0.0 184.8

176 89.7 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.48

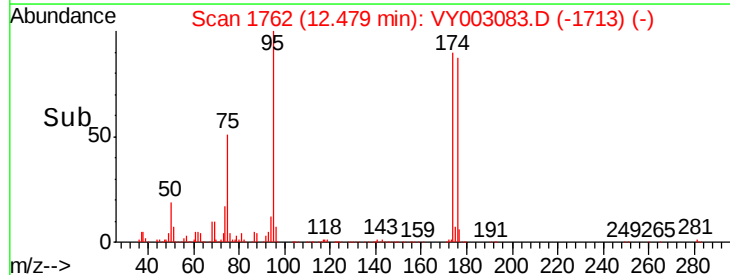
150000

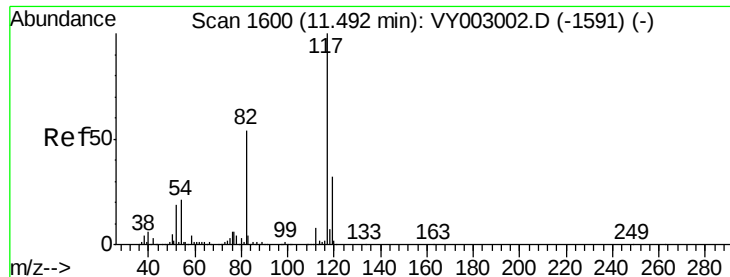
100000

50000

0

Time-->

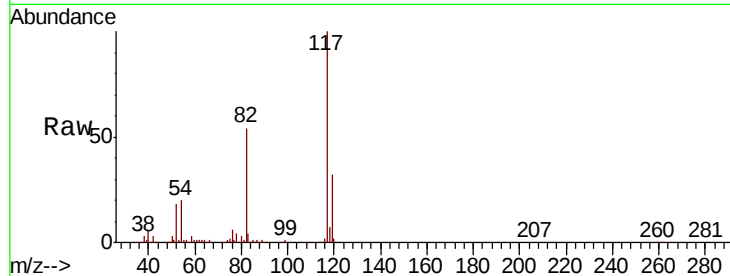




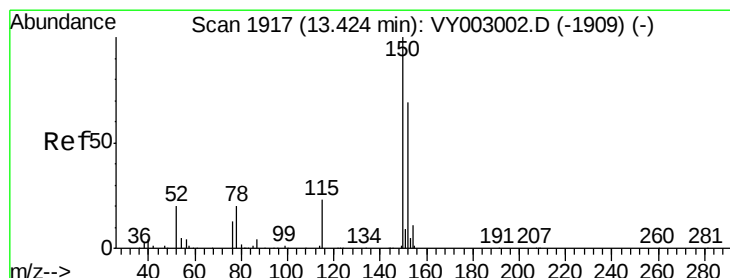
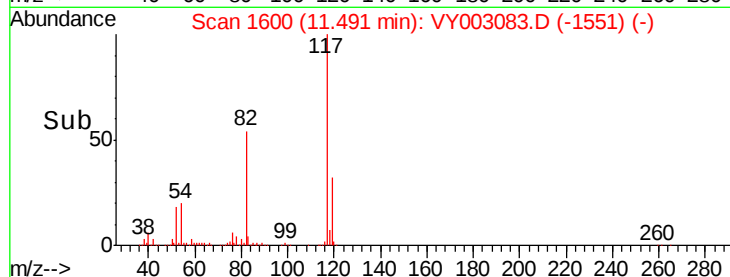
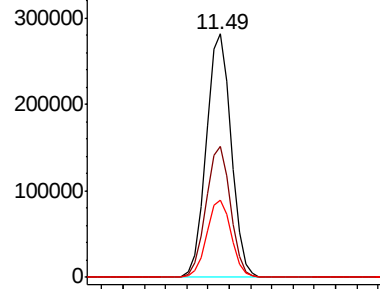
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003083.D
Acq: 02 Jul 2020 14:24

Instrument :
MSVOA_Y
ClientSampleId :
STONE-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.0	64.6
119	31.8	25.8	38.8

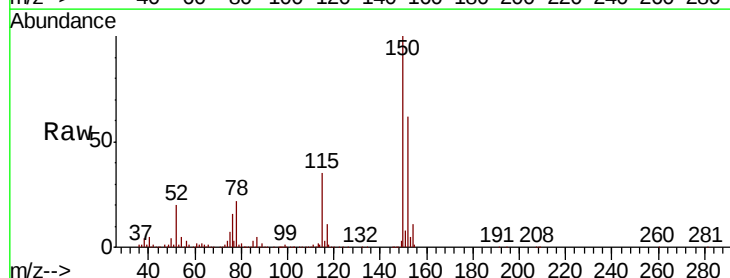


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003083.D
Acq: 02 Jul 2020 14:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.3	81.9
150	156.2	0.0	343.4



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

