

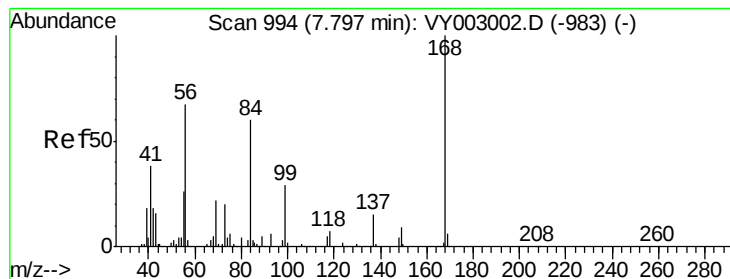
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
 Data File : VY003083.D
 Acq On : 02 Jul 2020 14:24
 Operator : SY/MD
 Sample : L3176-01
 Misc : 3.84G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STONE-1

Quant Time: Jul 03 02:37:15 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	
16) Acetone	3.96	43	991	1.434	ug/l	90
31) Cyclohexane	7.80	56	5485	1.064	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	20436	4.465	ug/l #	51
38) Carbon Tetrachloride	7.80	117	27362	5.746	ug/l #	18
51) 4-Methyl-2-Pentanone	10.18	43	2754	1.019	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	104863	45.553	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	104863	88.628	ug/l #	12

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



#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 :

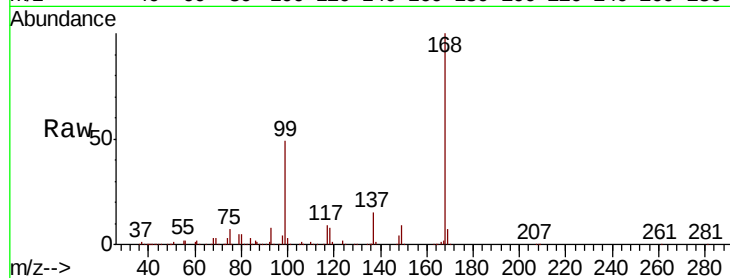
STONE-1

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

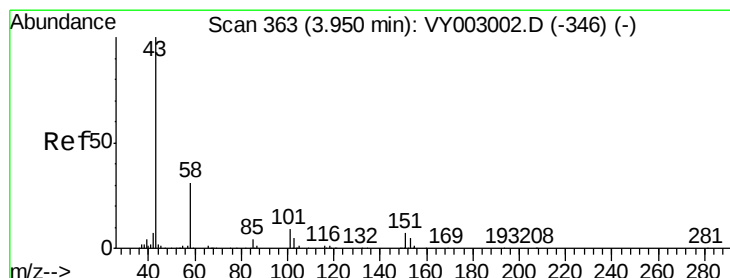
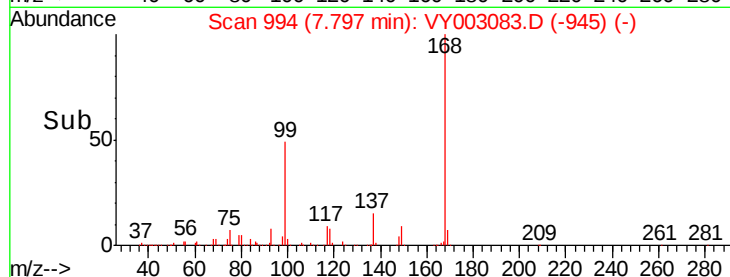
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.434 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003083.D

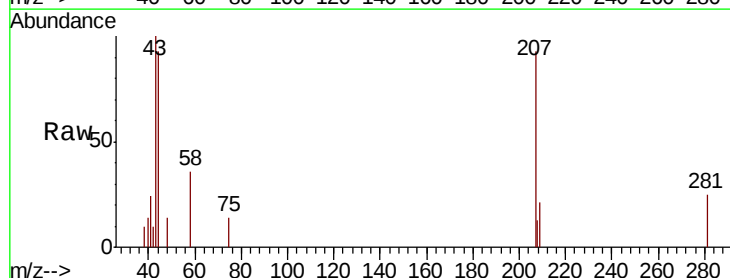
Acq: 02 Jul 2020 14:24

Tgt Ion: 43 Resp: 991

Ion Ratio Lower Upper

43 100

58 36.3 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY003002.D (-346) (-)

Ion 58.00 (57.70 to 58.70): VY003083.D (-314) (-)

3.96

800

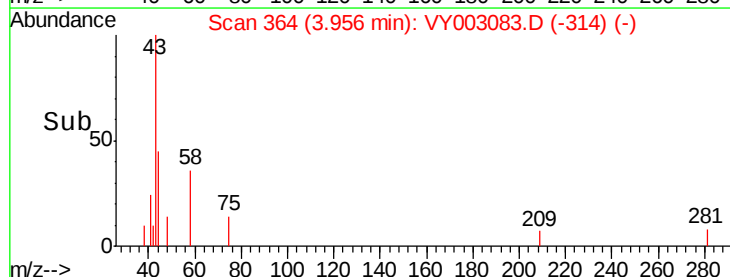
600

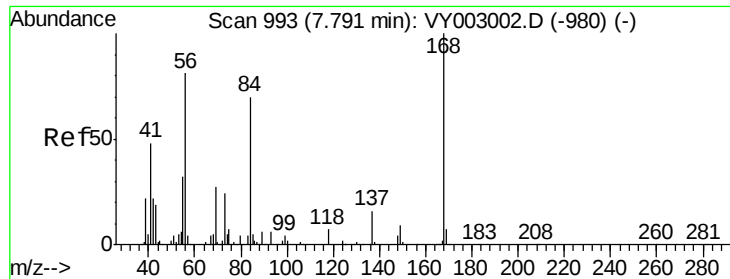
400

200

0

Time-->

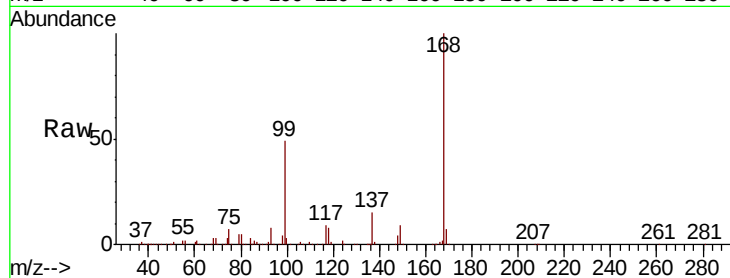




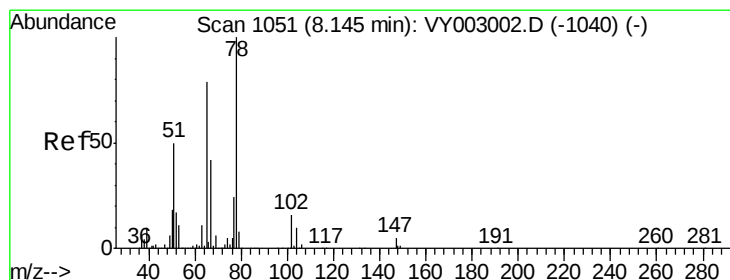
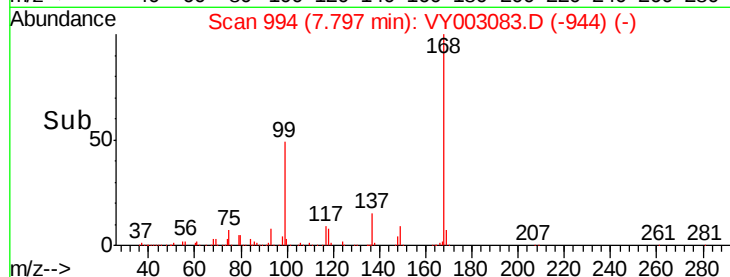
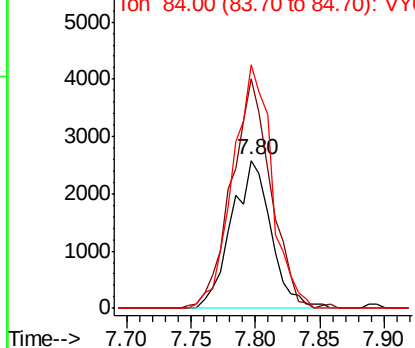
#31
Cvclohexane
Concen: 1.064 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003083.D
Acq: 02 Jul 2020 14:24

Instrument :
MSVOA_Y
ClientSampled :
STONE-1

Tot Ion: 56 Resp: 5485
Ion Ratio Lower Upper
56 100
69 155.2 27.0 40.4#
84 164.6 68.1 102.1#

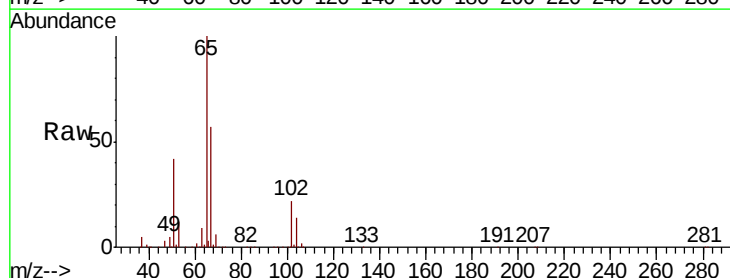


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

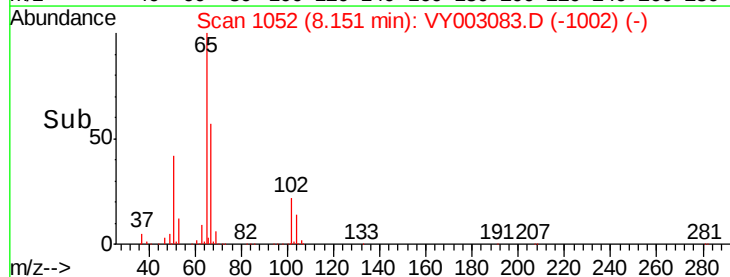
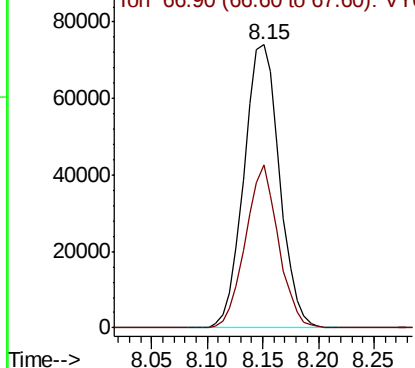


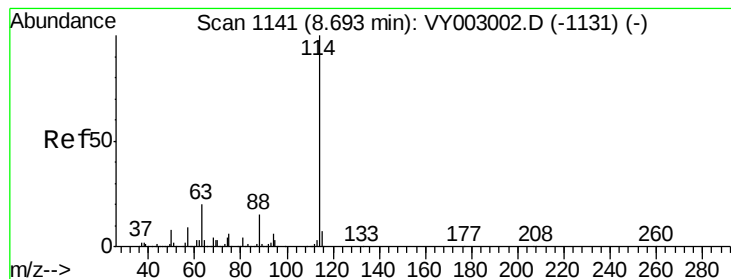
#33
1,2-Dichloroethane-d4
Concen: 56.382 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003083.D
Acq: 02 Jul 2020 14:24

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): 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. -0.00 min

Lab File: VY003083.D

Acq: 02 Jul 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

STONE-1

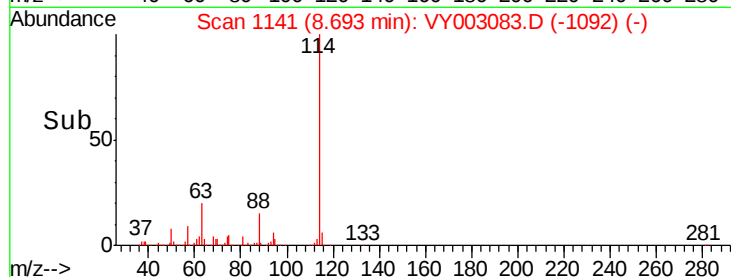
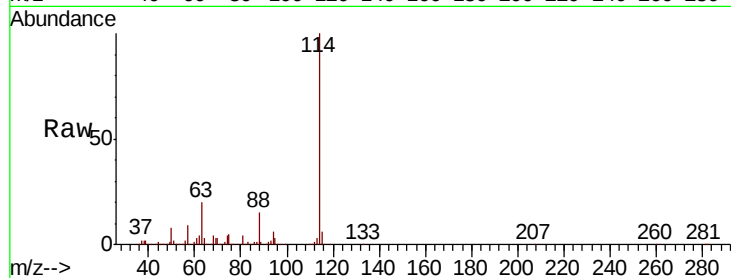
Tot Ion:114 Resp: 475133

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.6

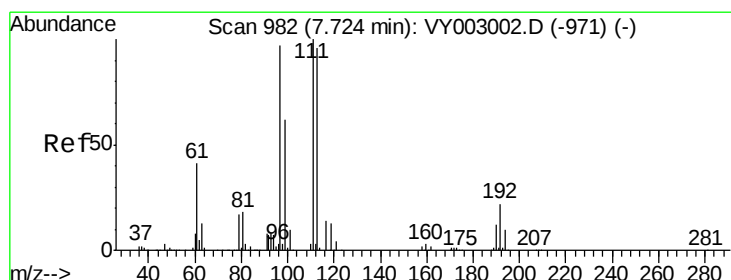
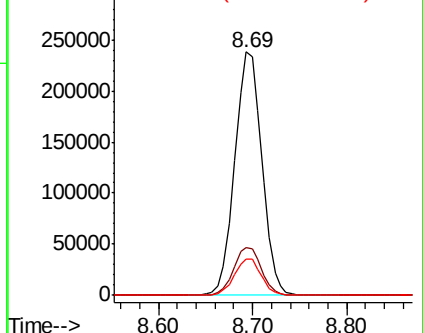
88 14.8 0.0 30.0



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

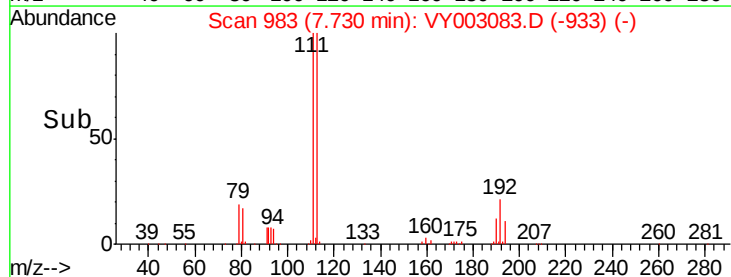
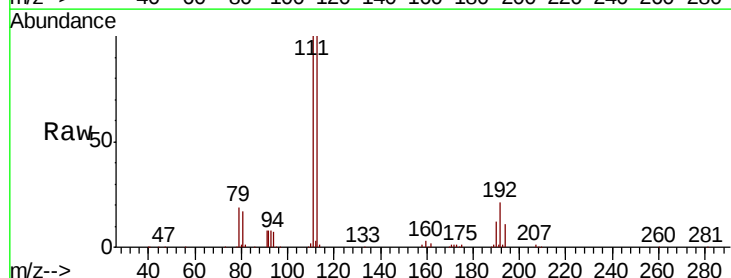
Tgt Ion:113 Resp: 157661

Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

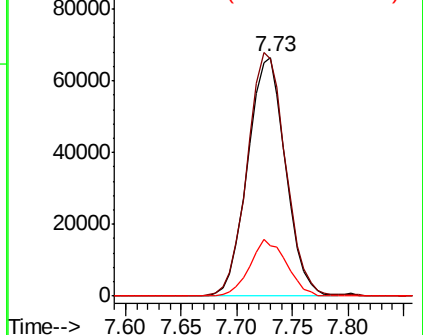
192 23.1 18.1 27.1

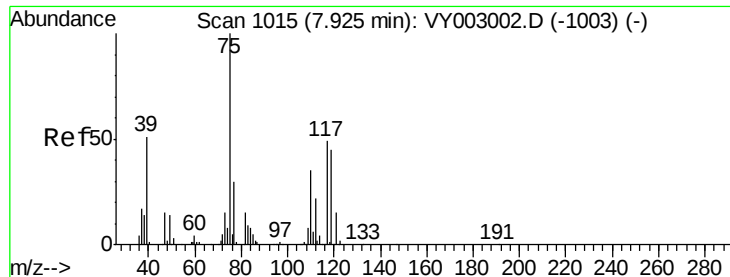


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.465 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003083.D

Acq: 02 Jul 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

STONE-1

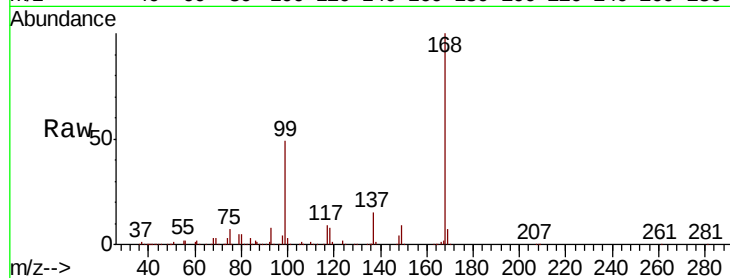
Tot Ion: 75 Resp: 20436

Ion Ratio Lower Upper

75 100

110 9.2 17.1 51.2#

77 0.2 24.9 37.3#

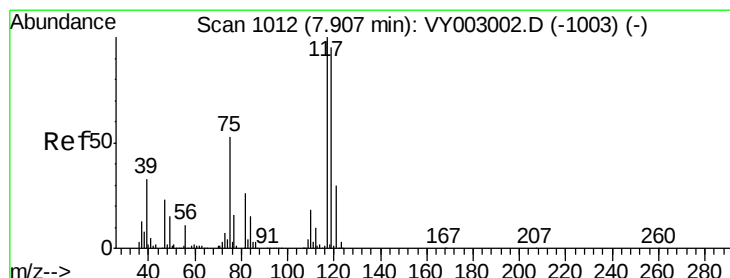
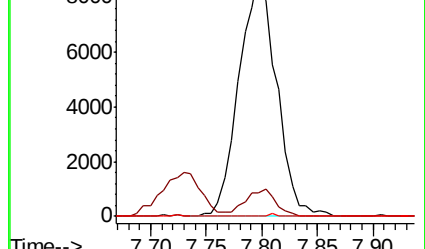
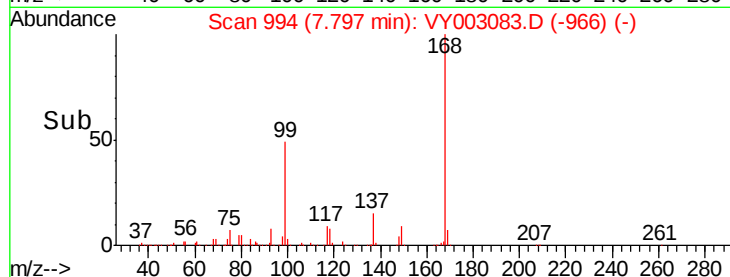


Abundance Ion 74.90 (74.60 to 75.60): VY003002.D (-1003) (-)

Ion 109.90 (109.60 to 110.60): VY003002.D (-1003) (-)

Ion 76.90 (76.60 to 77.60): VY003002.D (-1003) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.746 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003083.D

Acq: 02 Jul 2020 14:24

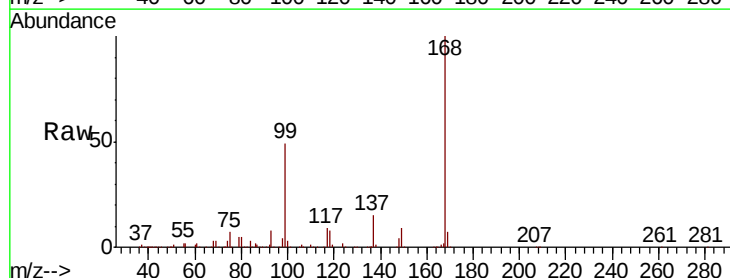
Tgt Ion: 117 Resp: 27362

Ion Ratio Lower Upper

117 100

119 7.1 75.7 113.5#

121 0.0 23.9 35.9#

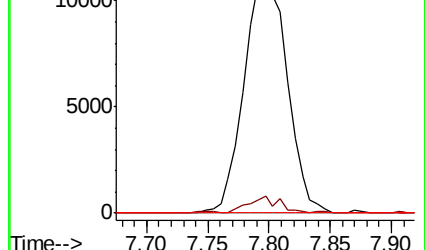
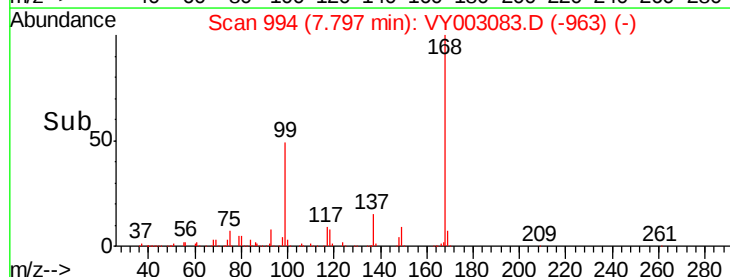


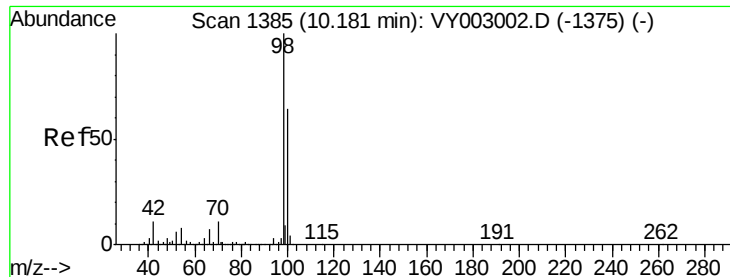
Abundance Ion 116.80 (116.50 to 117.50): VY003002.D (-1003) (-)

Ion 118.80 (118.50 to 119.50): VY003002.D (-1003) (-)

Ion 120.80 (120.50 to 121.50): VY003002.D (-1003) (-)

Time-->





#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 :

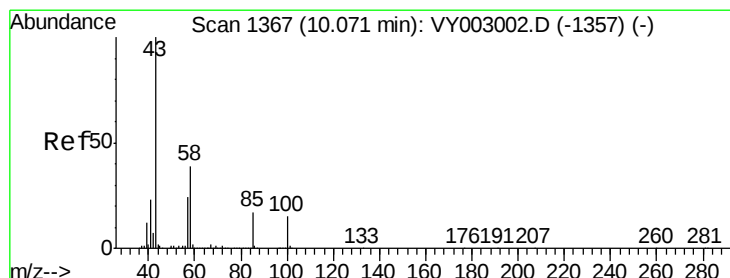
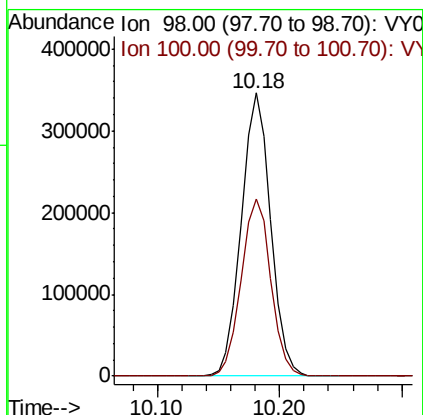
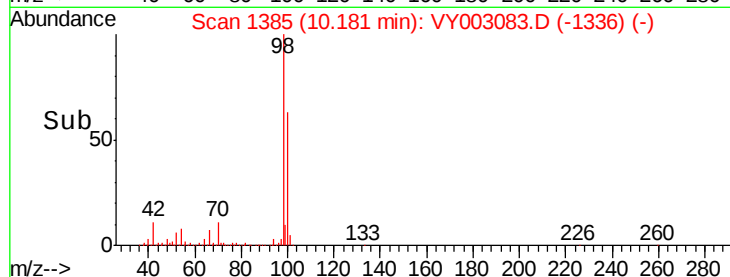
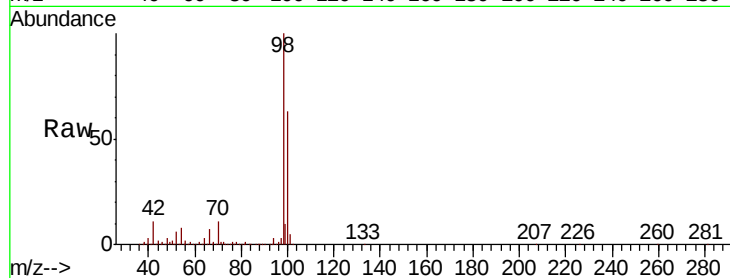
STONE-1

Tot Ion: 98 Resp: 576332

Ion Ratio Lower Upper

98 100

100 63.4 51.1 76.7



#51

4-Methyl-2-Pentanone

Concen: 1.019 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.11 min

Lab File: VY003083.D

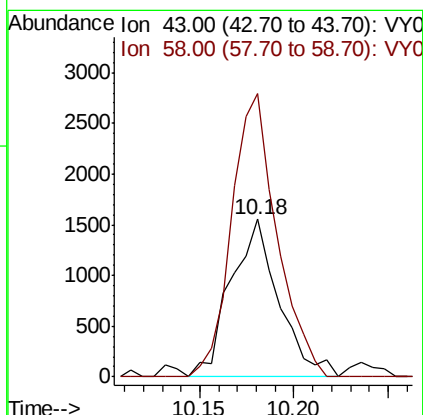
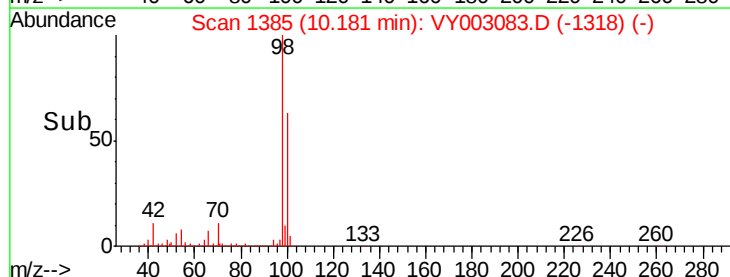
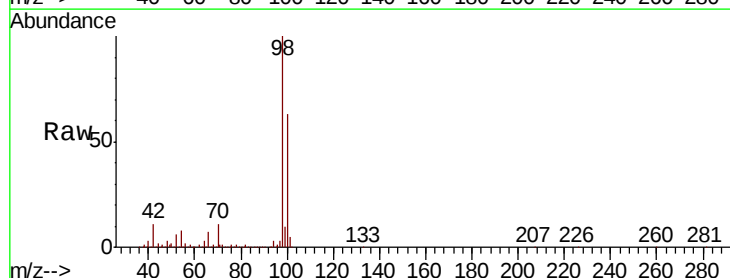
Acq: 02 Jul 2020 14:24

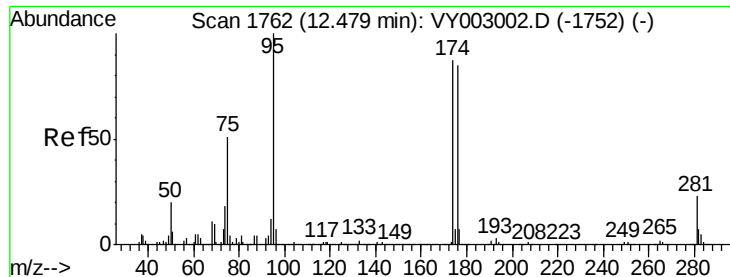
Tgt Ion: 43 Resp: 2754

Ion Ratio Lower Upper

43 100

58 168.9 31.1 46.7#

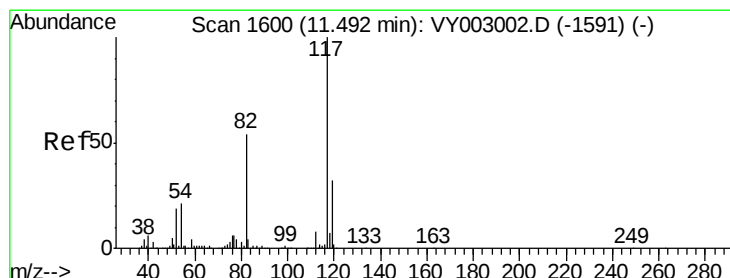
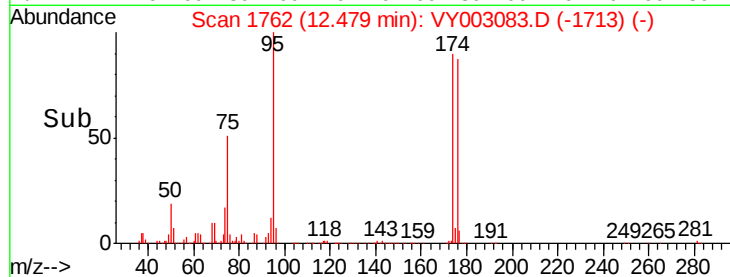
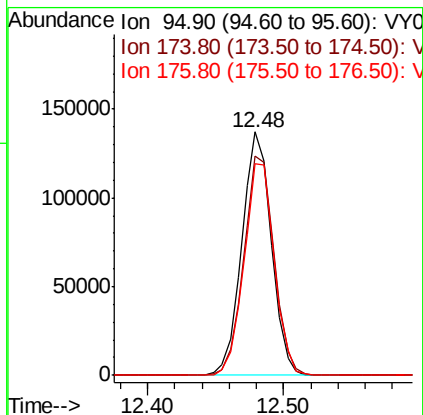
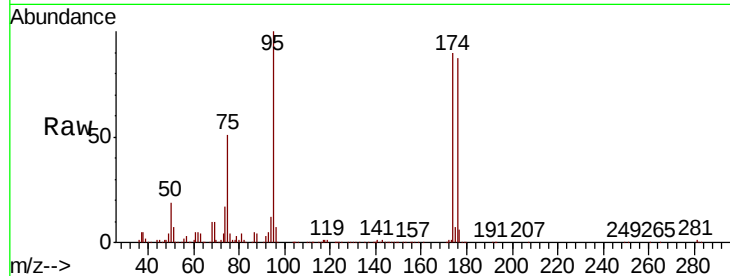




#62
4-Bromofluorobenzene
Concen: 53.404 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003083.D
Acq: 02 Jul 2020 14:24

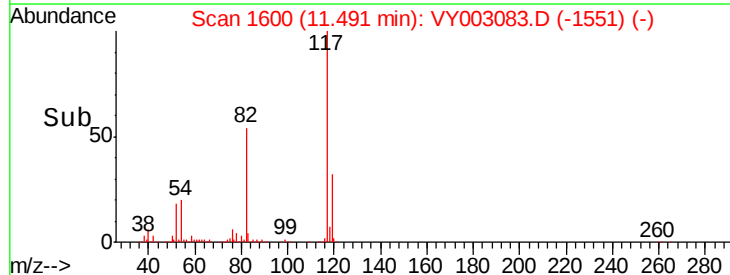
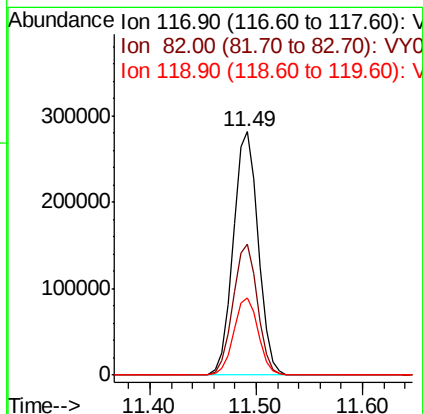
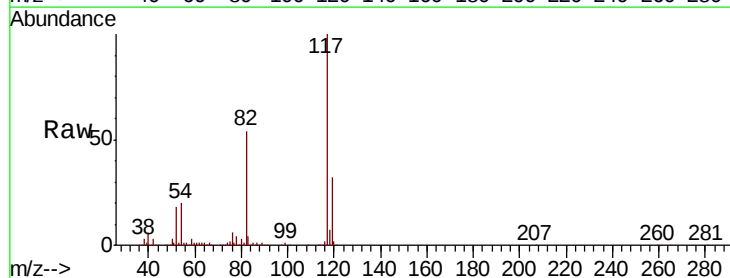
Instrument :
MSVOA_Y
ClientSampleId :
STONE-1

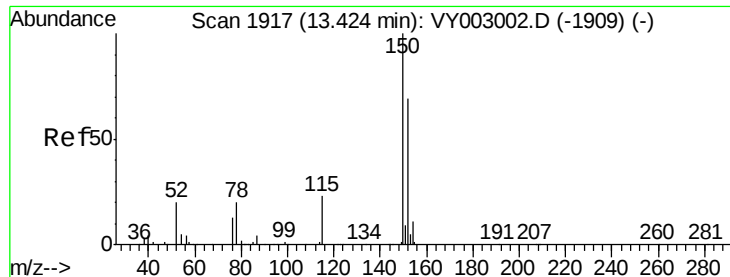
Tot Ion: 95 Resp: 207574
Ion Ratio Lower Upper
95 100
174 92.6 0.0 184.8
176 89.7 0.0 183.0



#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

Tgt Ion: 117 Resp: 462036
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.6
119 31.8 25.8 38.8





#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

Instrument :

MSVOA_Y

ClientSampleId :

STONE-1

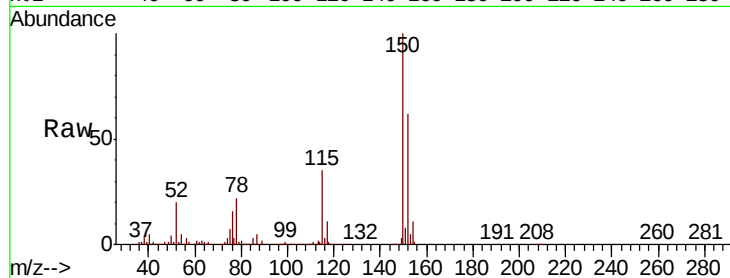
Tot Ion:152 Resp: 232595

Ion Ratio Lower Upper

152 100

115 54.3 27.3 81.9

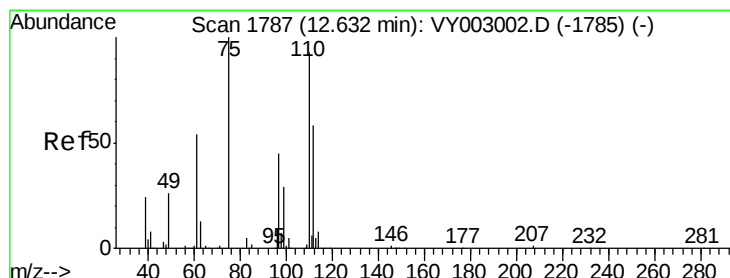
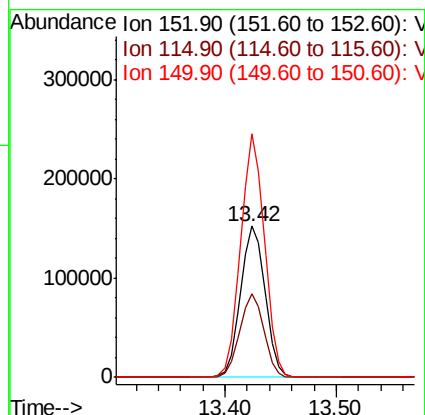
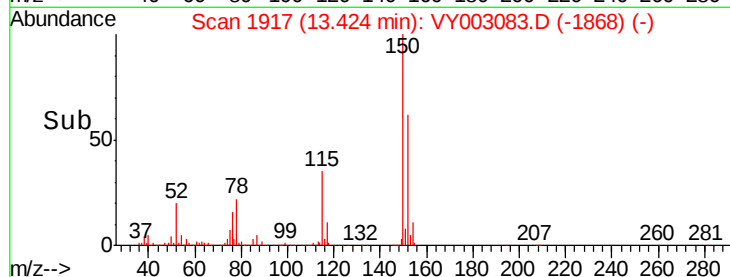
150 156.2 0.0 343.4



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



#76

1,2,3-Trichloropropane

Concen: 45.553 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003083.D

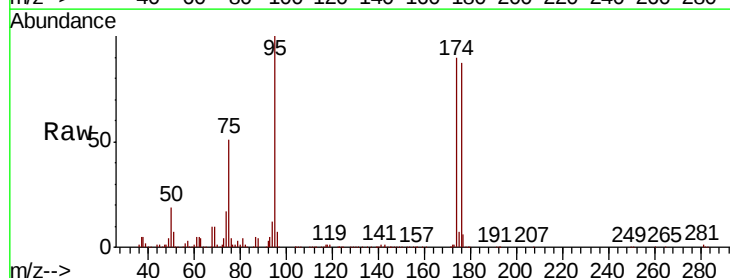
Acq: 02 Jul 2020 14:24

Tgt Ion: 75 Resp: 104863

Ion Ratio Lower Upper

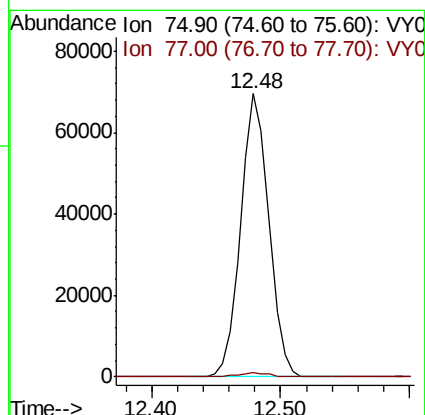
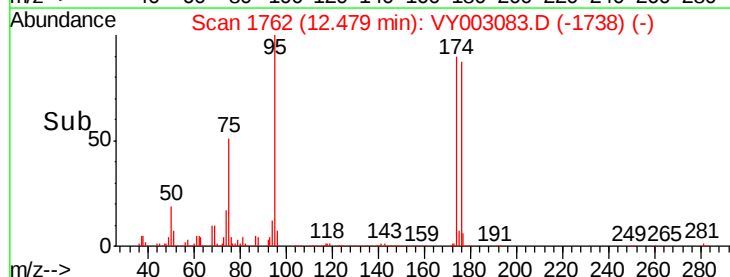
75 100

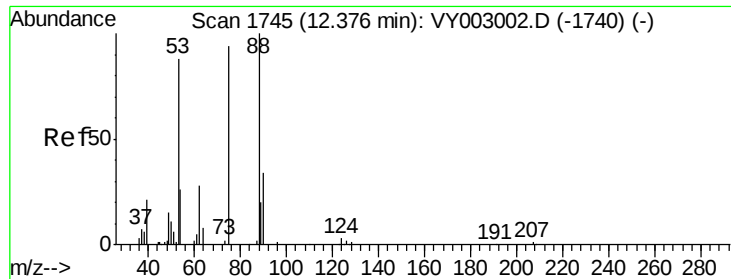
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 88.628 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003083.D

Acq: 02 Jul 2020 14:24

Instrument :

MSVOA_Y

ClientSampleId :

STONE-1

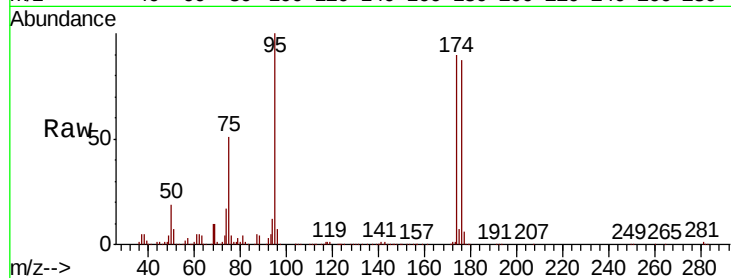
Tot Ion: 75 Resp: 104863

Ion Ratio Lower Upper

75 100

53 0.1 73.9 110.9#

89 0.0 37.5 56.3#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

