

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003323.D
 Acq On : 23 Jul 2020 17:58
 Operator : SY/MD
 Sample : L3382-01
 Misc : 6.87G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CTR-007

Quant Time: Jul 24 04:42:41 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

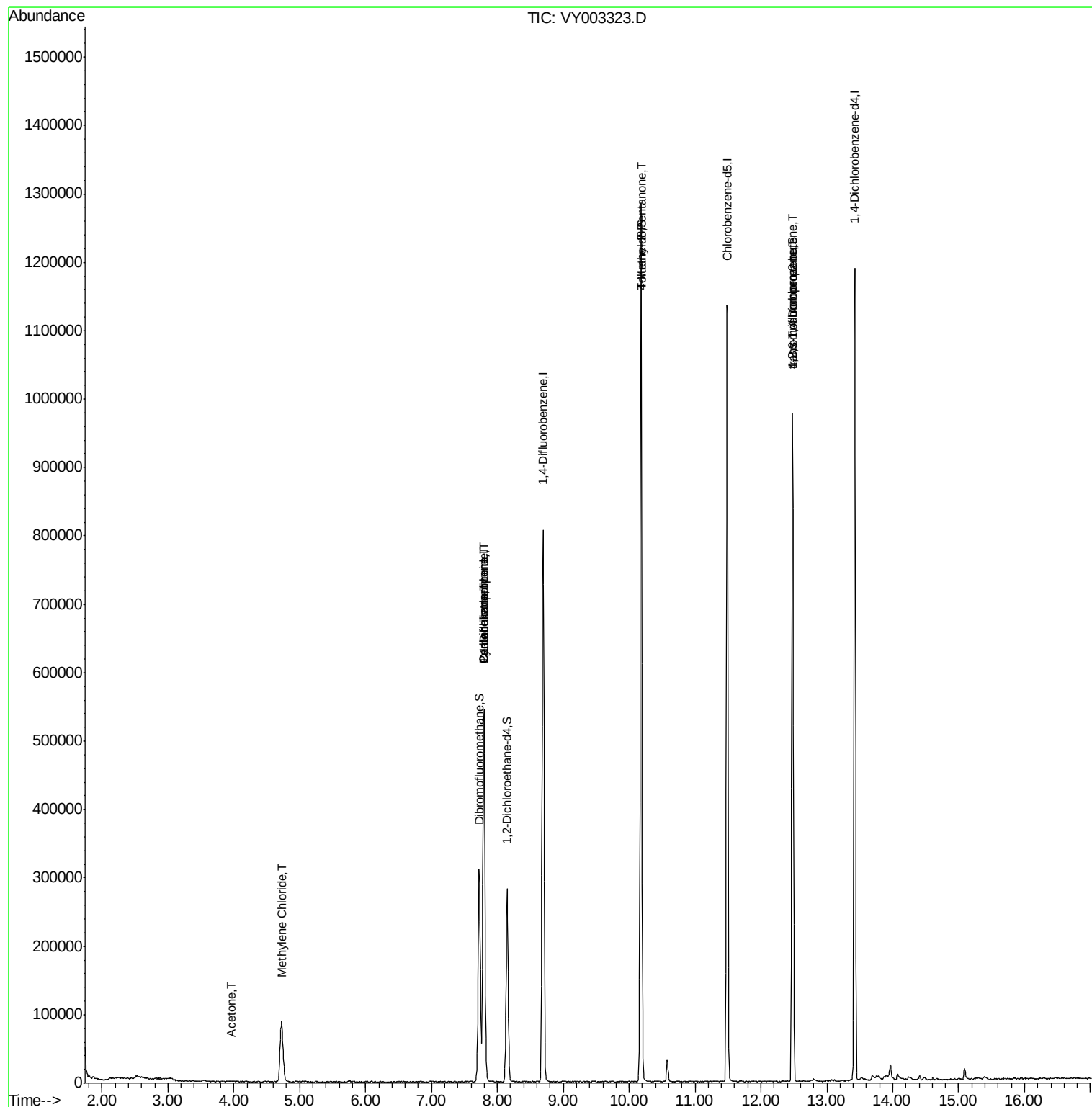
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	453269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	710517	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	653843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	314642	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	222047	58.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.08%	
35) Dibromofluoromethane	7.72	113	219655	53.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.44%	
50) Toluene-d8	10.18	98	854004	56.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.36%	
62) 4-Bromofluorobenzene	12.48	95	272712	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
Target Compounds						
16) Acetone	3.96	43	1520	1.779	ug/l	95
20) Methylene Chloride	4.72	84	71167	12.422	ug/l	96
31) Cyclohexane	7.79	56	8088	1.162	ug/l #	2
36) 1,1-Dichloropropene	7.80	75	30531	4.741	ug/l #	49
38) Carbon Tetrachloride	7.80	117	40903	6.153	ug/l #	17
51) 4-Methyl-2-Pentanone	10.18	43	3588	1.028	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	138619	49.771	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	138619	96.864	ug/l #	13

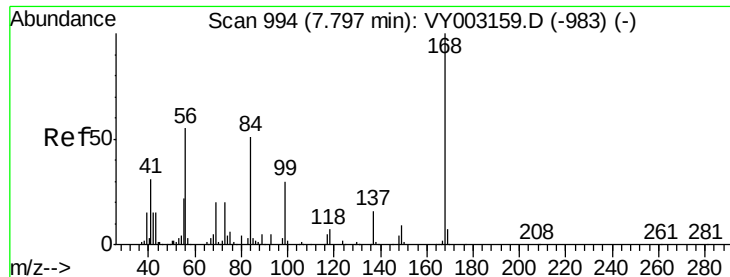
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
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Quant Time: Jul 24 04:42:41 2020
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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: VY003323.D

Acq: 23 Jul 2020 17:58

Instrument :

MSVOA_Y

ClientSampled :

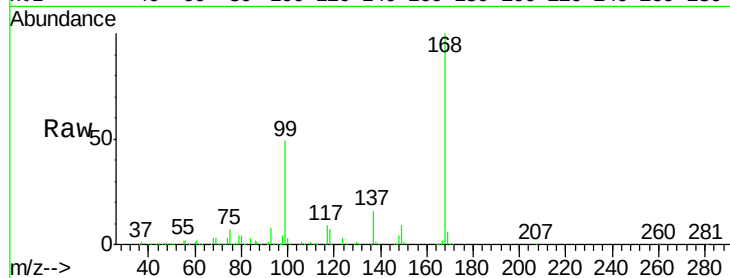
CTR-007

Tot Ion:168 Resp: 453269

Ion Ratio Lower Upper

168 100

99 49.3 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003323.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003323.D (-945) (-)

7.80

200000

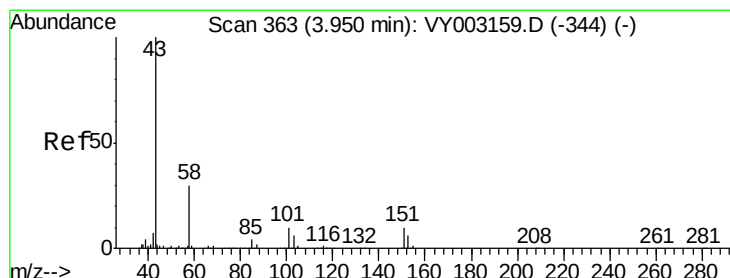
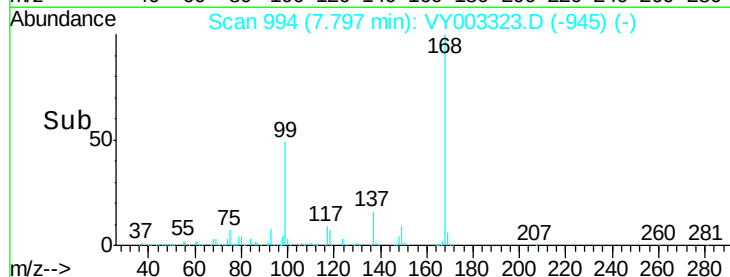
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.779 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003323.D

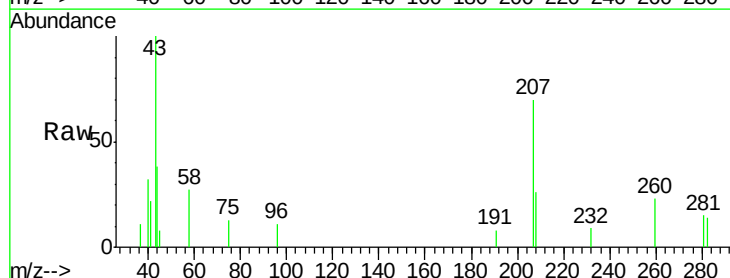
Acq: 23 Jul 2020 17:58

Tgt Ion: 43 Resp: 1520

Ion Ratio Lower Upper

43 100

58 26.8 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY003323.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003323.D (-314) (-)

3.96

800

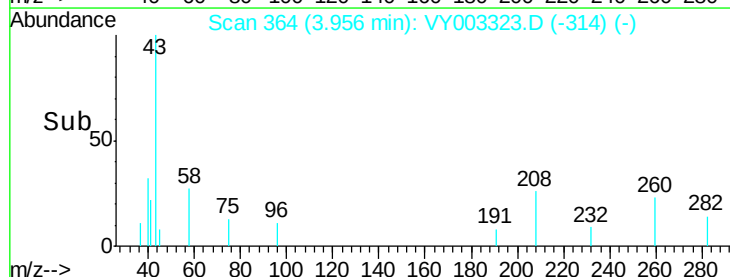
600

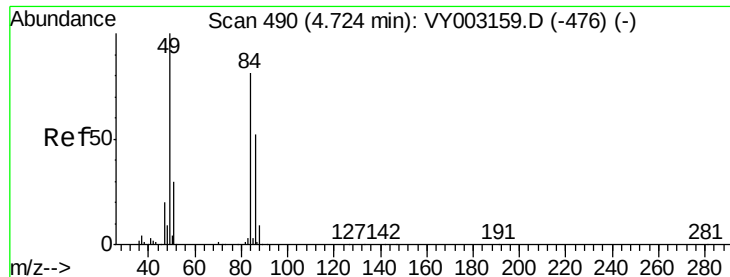
400

200

0

Time-->

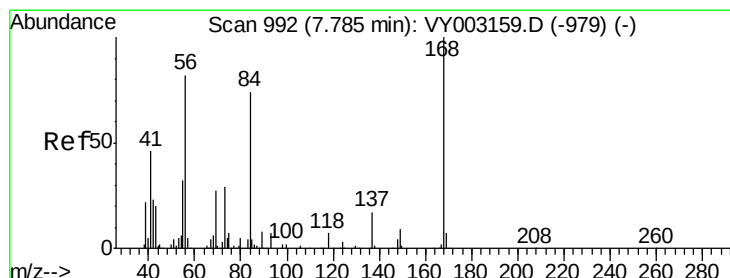
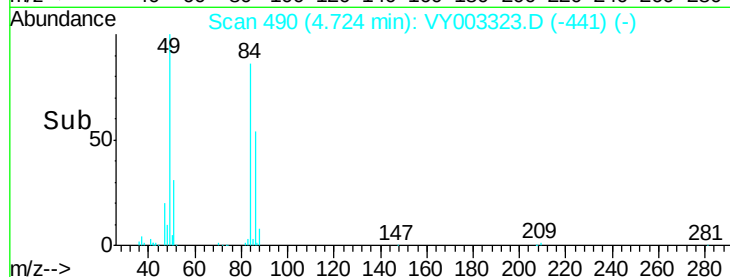
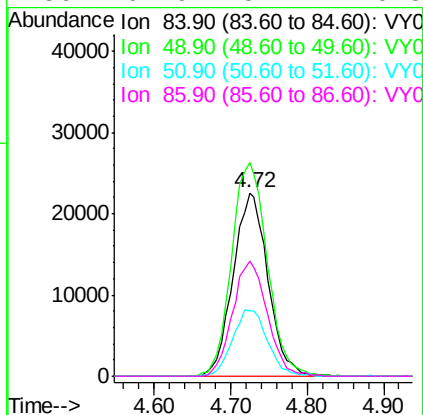
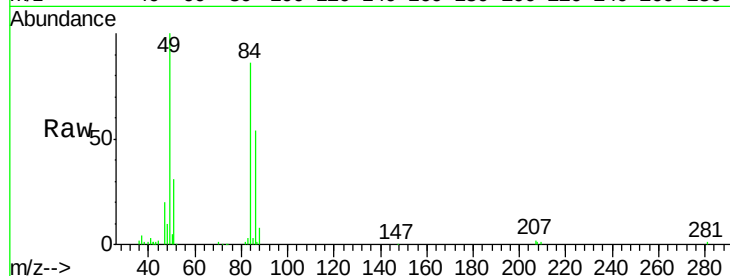




#20
Methylene Chloride
Concen: 12.422 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003323.D
Acq: 23 Jul 2020 17:58

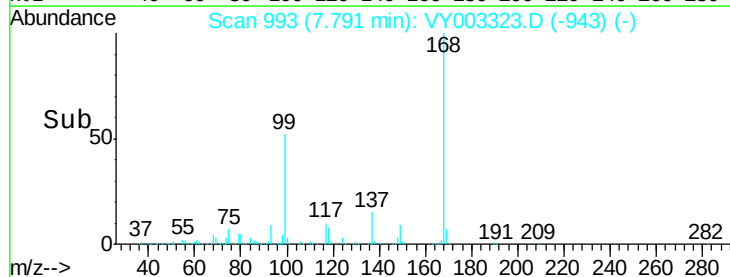
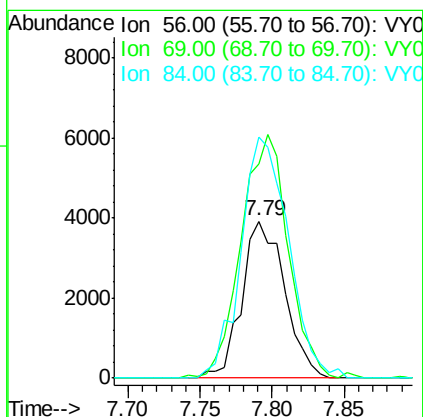
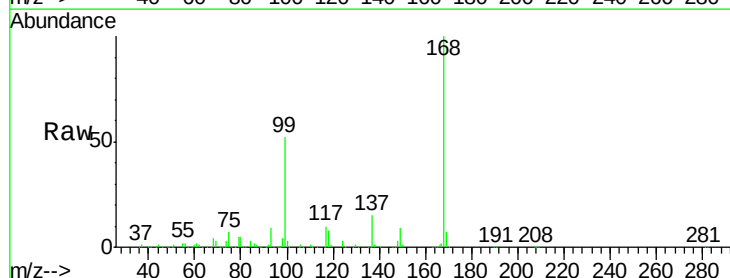
Instrument :
MSVOA_Y
ClientSampleId :
CTR-007

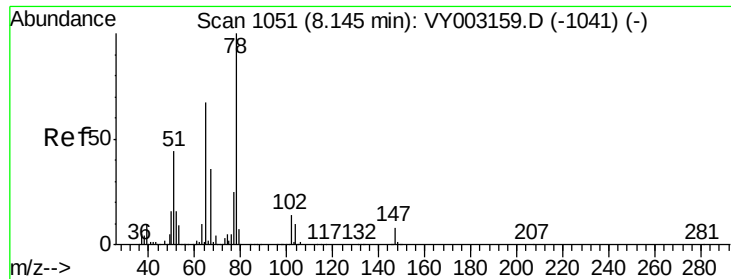
Tot Ion:	84	Resp:	71167
Ion	Ratio	Lower	Upper
84	100		
49	116.6	98.2	147.4
51	35.7	29.8	44.6
86	62.9	51.2	76.8



#31
Cyclohexane
Concen: 1.162 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003323.D
Acq: 23 Jul 2020 17:58

Tgt Ion:	56	Resp:	8088
Ion	Ratio	Lower	Upper
56	100		
69	136.6	26.7	40.1#
84	153.5	72.3	108.5#

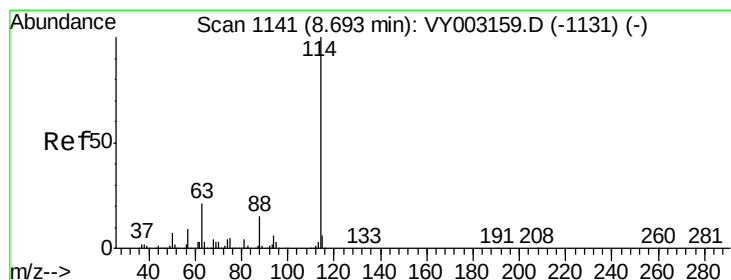
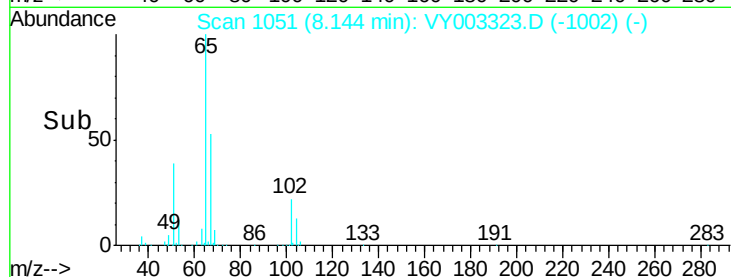
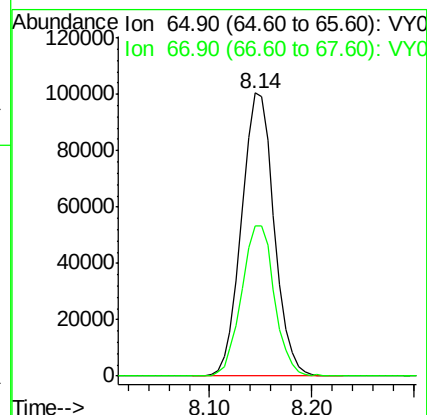
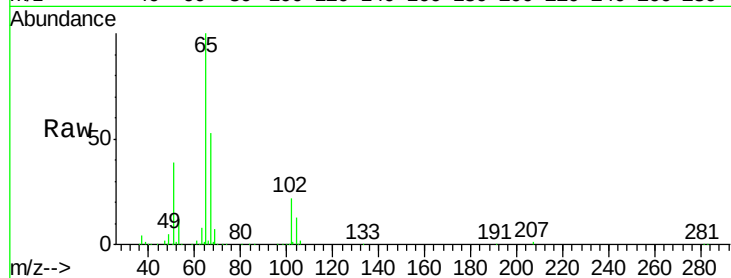




#33
 1,2-Dichloroethane-d4
 Concen: 58.040 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003323.D
 Acq: 23 Jul 2020 17:58

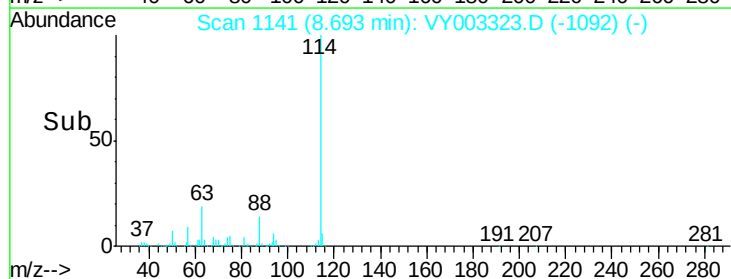
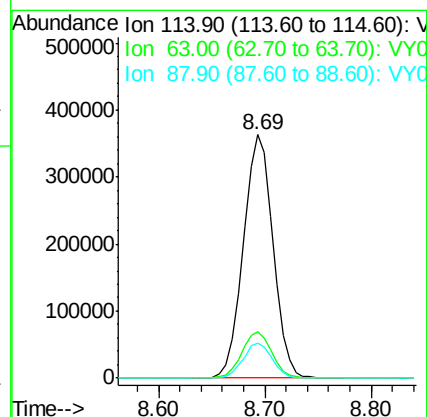
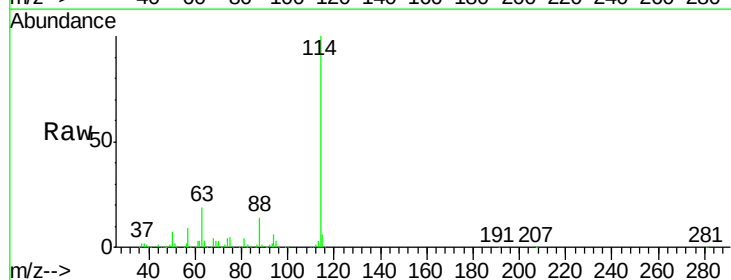
Instrument :
 MSVOA_Y
 ClientSampleId :
 CTR-007

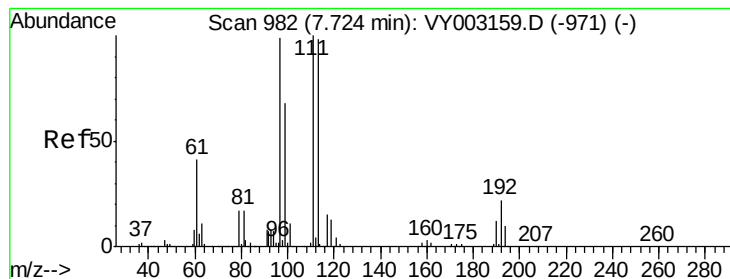
Tot Ion: 65 Resp: 222047
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003323.D
 Acq: 23 Jul 2020 17:58

Tgt Ion: 114 Resp: 710517
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 41.2
 88 14.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 53.720 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003323.D

Acq: 23 Jul 2020 17:58

Instrument :

MSVOA_Y

ClientSampleId :

CTR-007

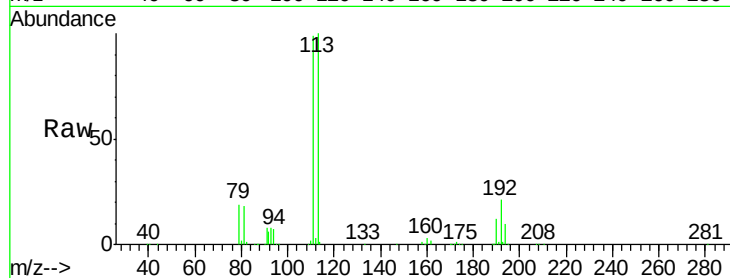
Tot Ion:113 Resp: 219655

Ion Ratio Lower Upper

113 100

111 101.9 82.1 123.1

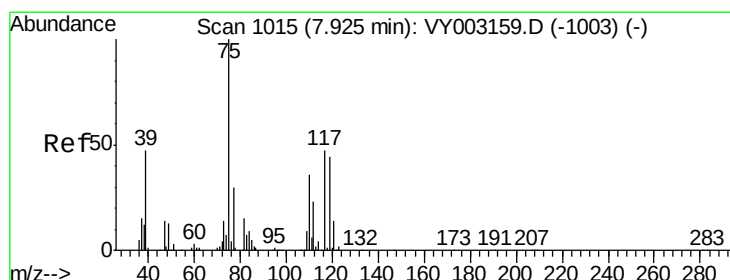
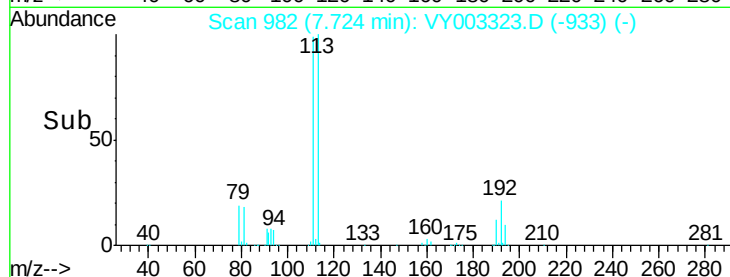
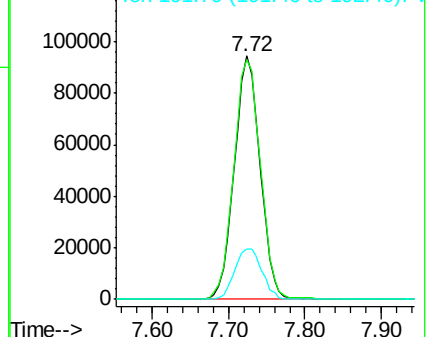
192 22.1 18.8 28.2



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: 4.741 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003323.D

Acq: 23 Jul 2020 17:58

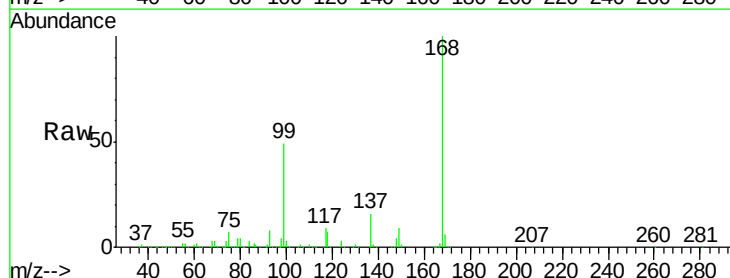
Tgt Ion: 75 Resp: 30531

Ion Ratio Lower Upper

75 100

110 8.7 18.1 54.1#

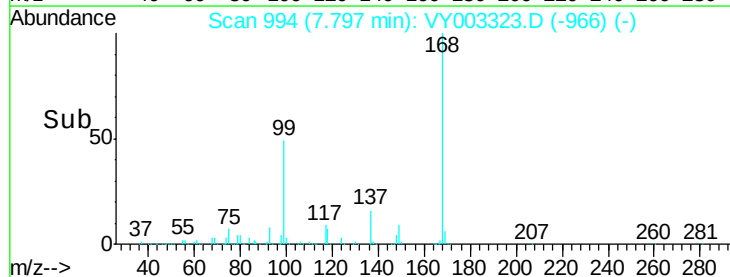
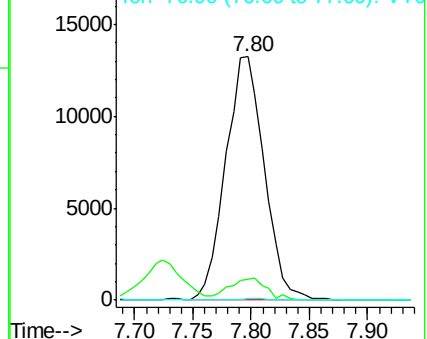
77 0.3 24.8 37.2#

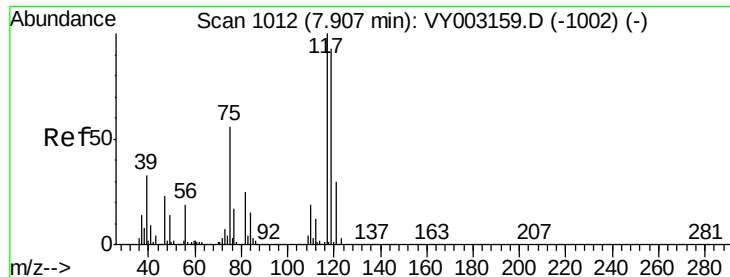


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.153 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003323.D

Acq: 23 Jul 2020 17:58

Instrument :

MSVOA_Y

ClientSampleId :

CTR-007

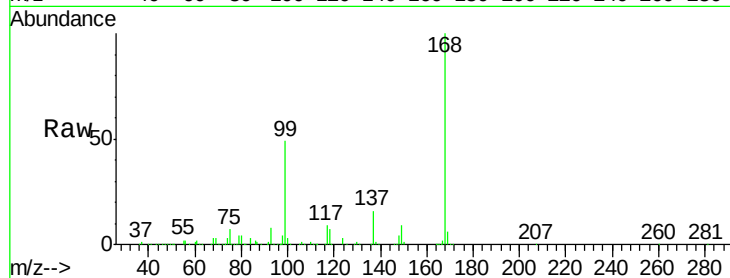
Tot Ion:117 Resp: 40903

Ion Ratio Lower Upper

117 100

119 5.0 74.5 111.7#

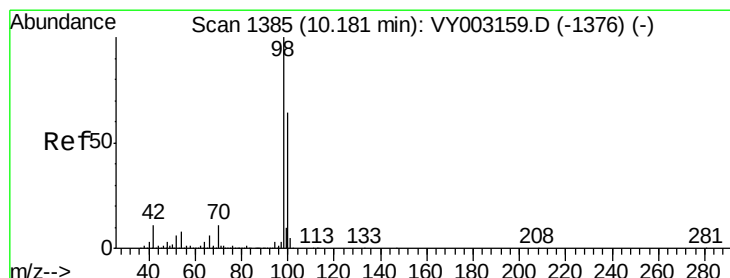
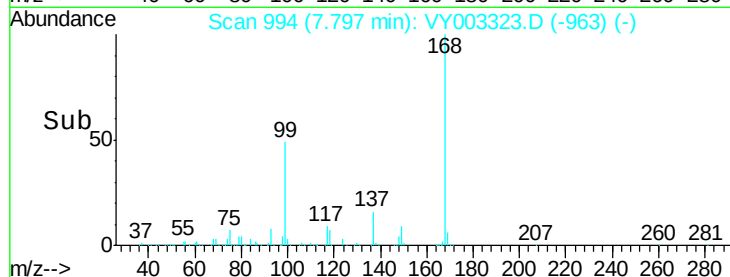
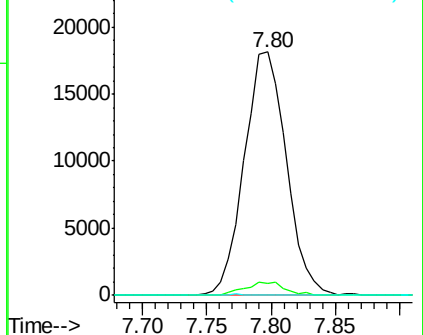
121 0.0 24.2 36.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 56.178 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003323.D

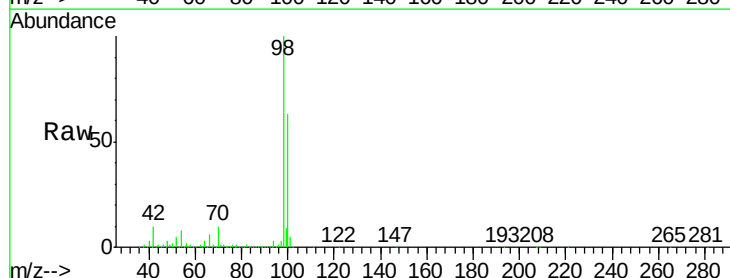
Acq: 23 Jul 2020 17:58

Tgt Ion: 98 Resp: 854004

Ion Ratio Lower Upper

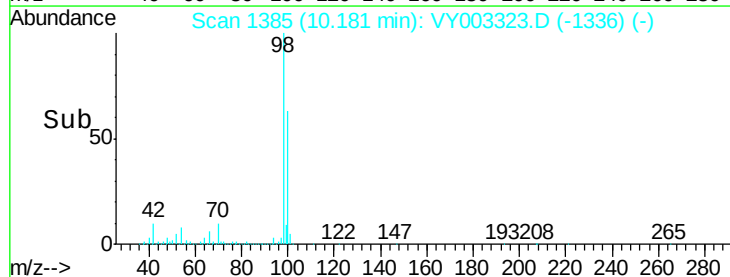
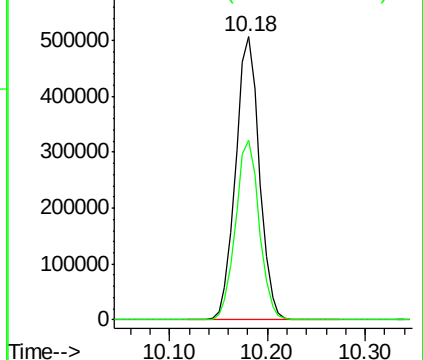
98 100

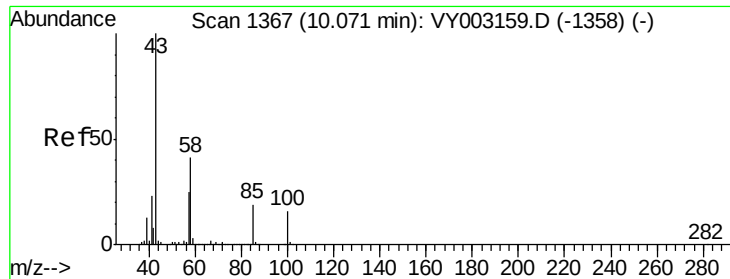
100 63.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#51

4-Methyl-2-Pentanone

Concen: 1.028 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.11 min

Lab File: VY003323.D

Acq: 23 Jul 2020 17:58

Instrument :

MSVOA_Y

ClientSampleId :

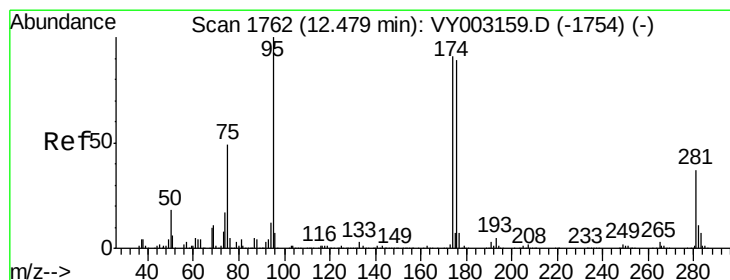
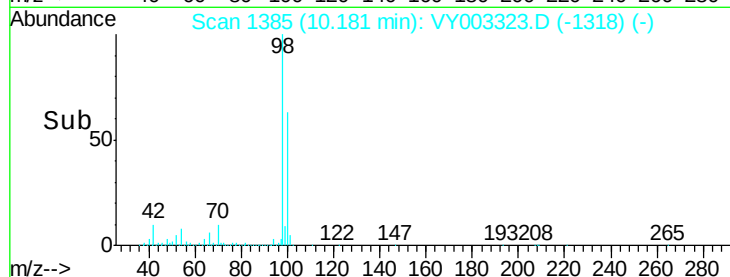
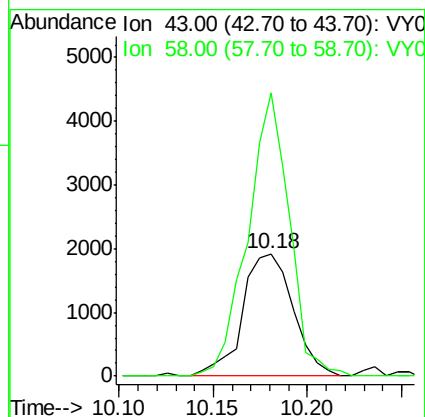
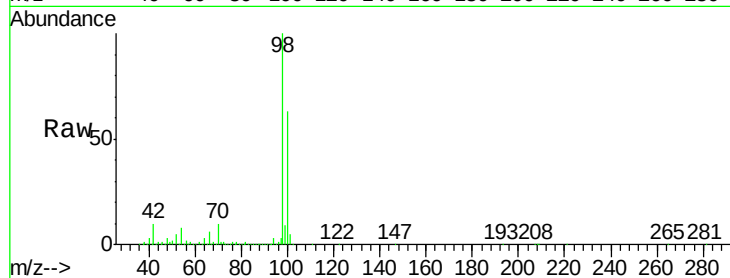
CTR-007

Tot Ion: 43 Resp: 3588

Ion Ratio Lower Upper

43 100

58 189.5 32.7 49.1#



#62

4-Bromofluorobenzene

Concen: 49.658 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003323.D

Acq: 23 Jul 2020 17:58

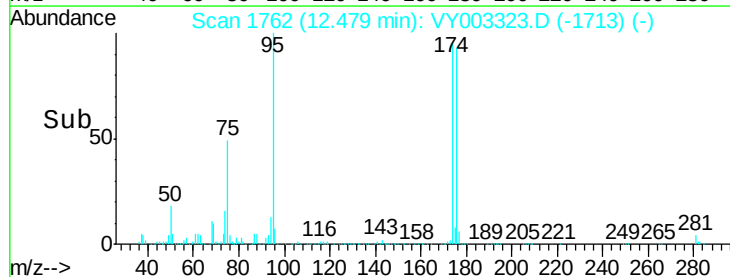
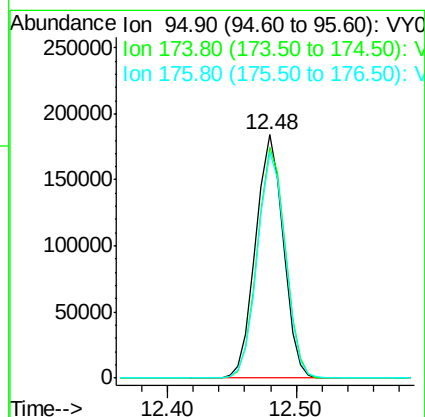
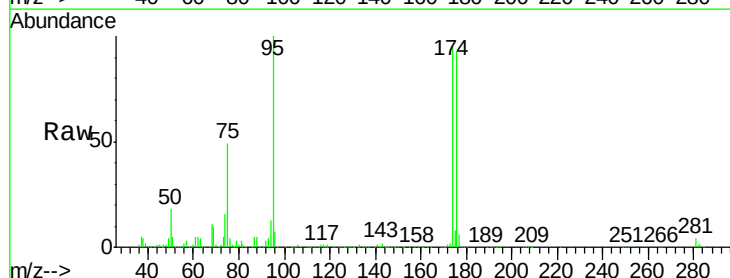
Tgt Ion: 95 Resp: 272712

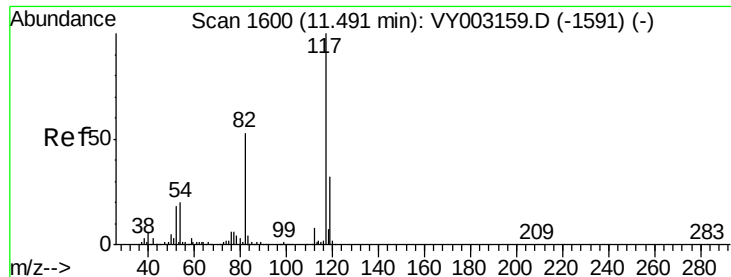
Ion Ratio Lower Upper

95 100

174 96.1 0.0 190.6

176 93.0 0.0 186.4

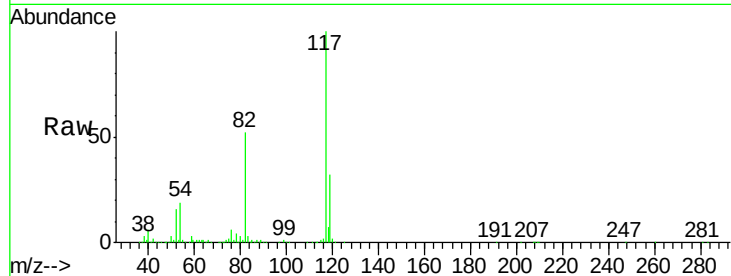




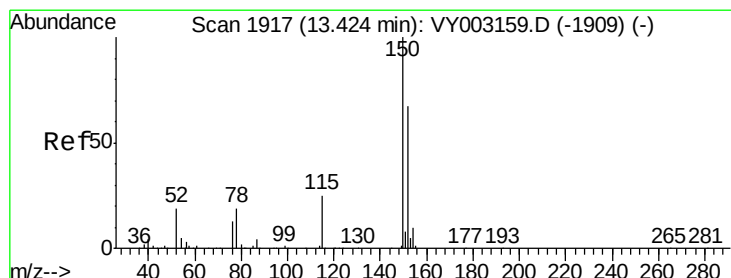
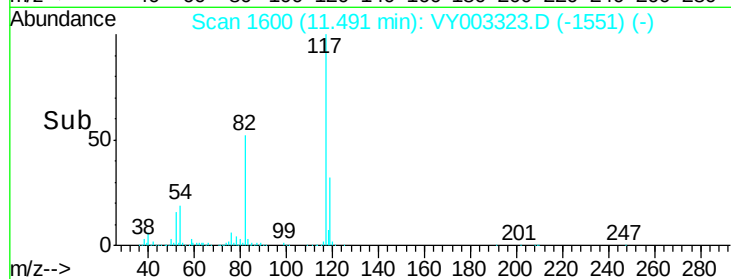
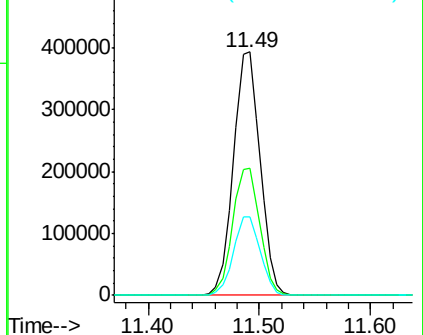
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003323.D
Acq: 23 Jul 2020 17:58

Instrument :
MSVOA_Y
ClientSampleId :
CTR-007

Tot Ion:117 Resp: 653843
Ion Ratio Lower Upper
117 100
82 52.3 42.0 63.0
119 32.2 25.5 38.3

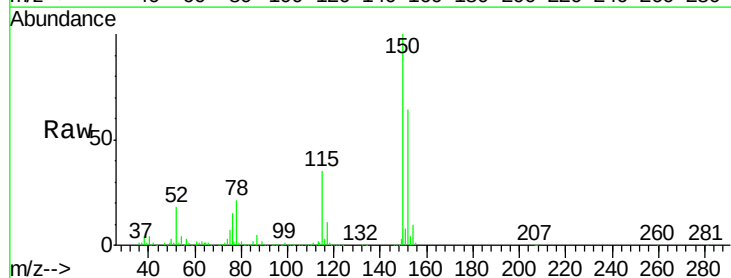


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

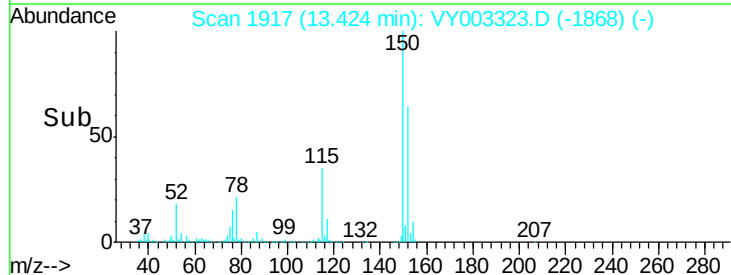
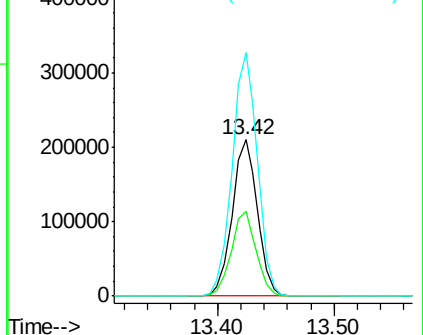


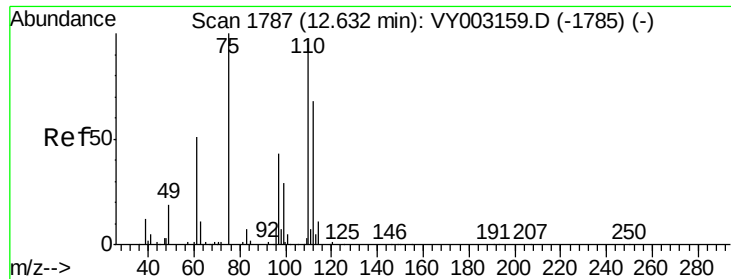
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003323.D
Acq: 23 Jul 2020 17:58

Tgt Ion:152 Resp: 314642
Ion Ratio Lower Upper
152 100
115 53.8 26.9 80.7
150 156.3 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





#76

1,2,3-Trichloropropane

Concen: 49.771 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003323.D

Acq: 23 Jul 2020 17:58

Instrument :

MSVOA_Y

ClientSampled :

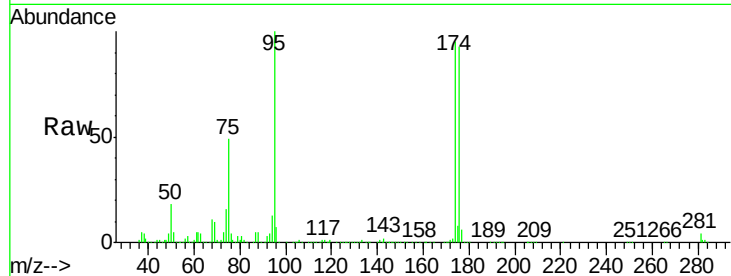
CTR-007

Tot Ion: 75 Resp: 138619

Ion Ratio Lower Upper

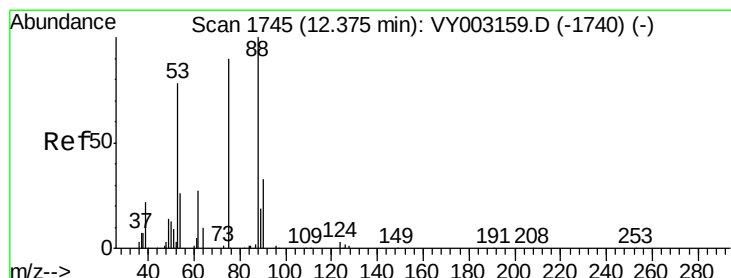
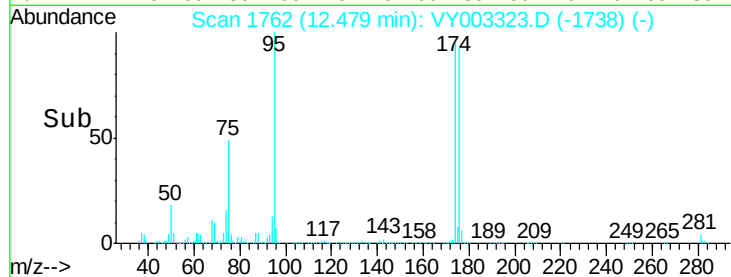
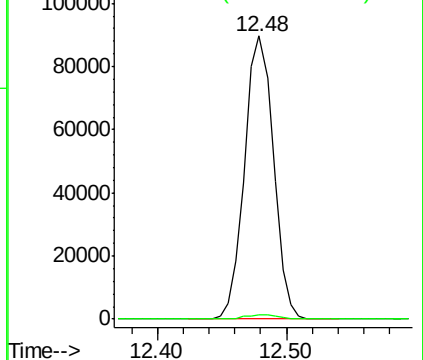
75 100

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: 96.864 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003323.D

Acq: 23 Jul 2020 17:58

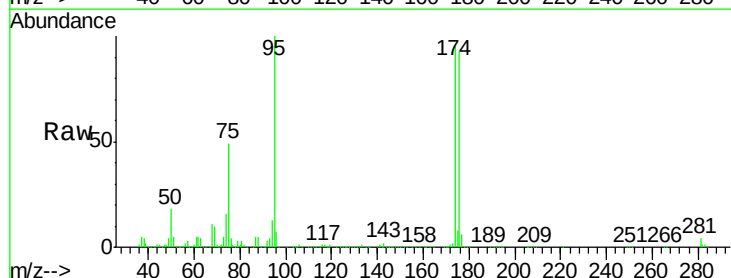
Tgt Ion: 75 Resp: 138619

Ion Ratio Lower Upper

75 100

53 0.1 72.0 108.0#

89 0.1 37.3 55.9#



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

