

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003329.D
 Acq On : 23 Jul 2020 20:22
 Operator : SY/MD
 Sample : L3383-01
 Misc : 8.24G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRT-013

Quant Time: Jul 24 04:44:59 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

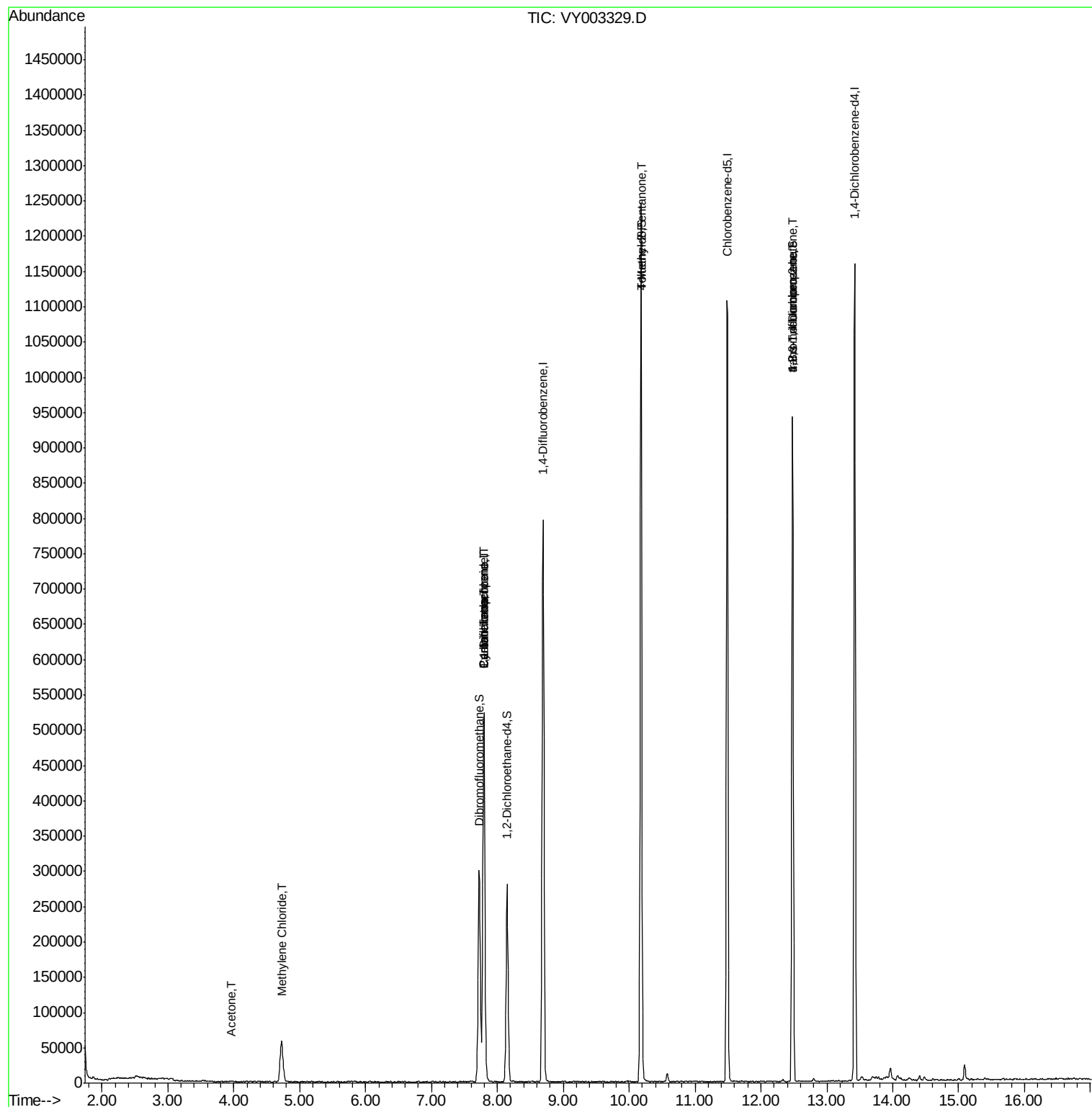
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	432255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	676274	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	635931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	303182	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	215326	59.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.04%	
35) Dibromofluoromethane	7.72	113	210571	54.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.22%	
50) Toluene-d8	10.18	98	822066	56.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.64%	
62) 4-Bromofluorobenzene	12.48	95	265326	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
Target Compounds						
16) Acetone	3.96	43	1379	1.692	ug/l	94
20) Methylene Chloride	4.72	84	45690	6.345	ug/l	95
31) Cyclohexane	7.79	56	8341	1.257	ug/l #	17
36) 1,1-Dichloropropene	7.79	75	29330	4.785	ug/l #	50
38) Carbon Tetrachloride	7.80	117	37918	5.992	ug/l #	17
51) 4-Methyl-2-Pentanone	10.18	43	3374	1.016	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	135621	50.535	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	135621	98.352	ug/l #	13

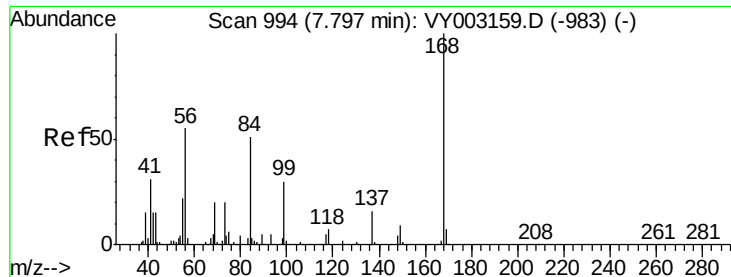
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
Data File : VY003329.D
Acq On : 23 Jul 2020 20:22
Operator : SY/MD
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Quant Time: Jul 24 04:44:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003329.D

Acq: 23 Jul 2020 20:22

Instrument :

MSVOA_Y

ClientSampleId :

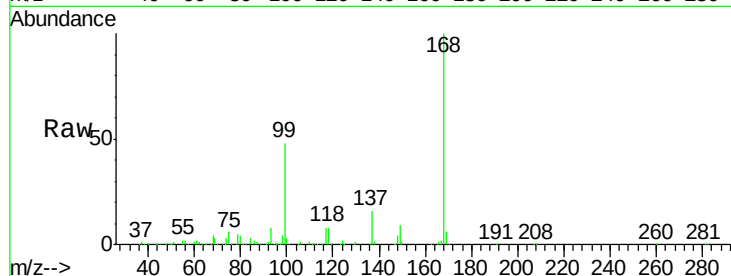
CRT-013

Tot Ion:168 Resp: 432255

Ion Ratio Lower Upper

168 100

99 48.4 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003329.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003329.D (-945) (-)

7.80

200000

150000

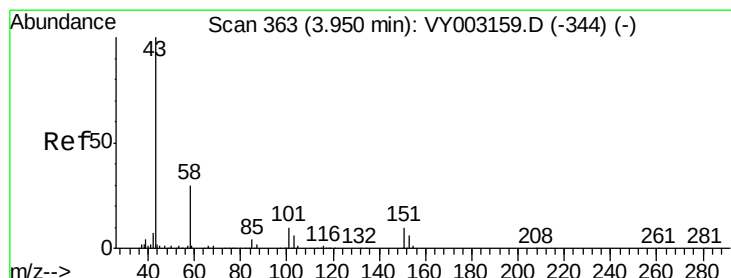
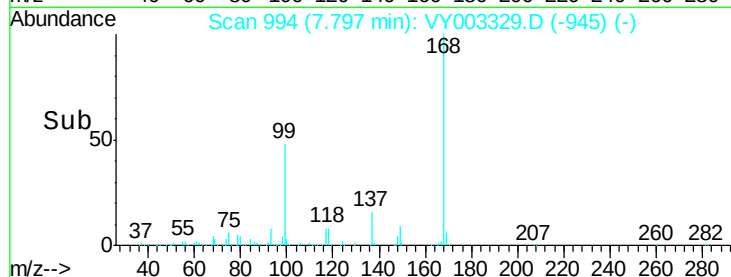
100000

50000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 1.692 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003329.D

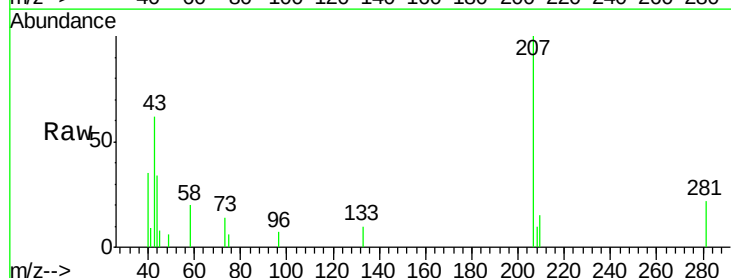
Acq: 23 Jul 2020 20:22

Tgt Ion: 43 Resp: 1379

Ion Ratio Lower Upper

43 100

58 33.2 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY003329.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003329.D (-314) (-)

3.96

600

500

400

300

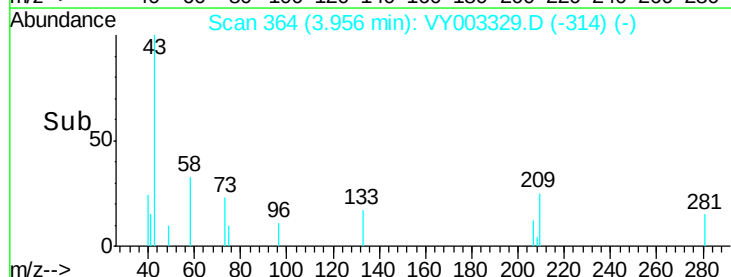
200

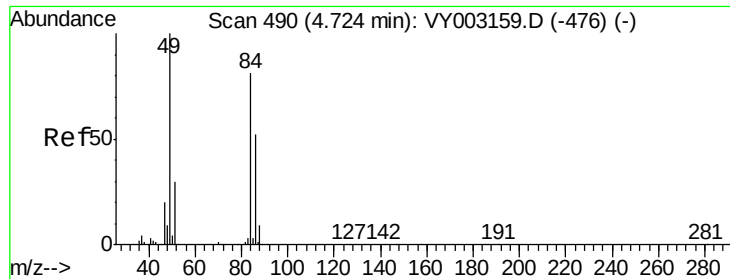
100

0

3.90 3.95 4.00

Time-->

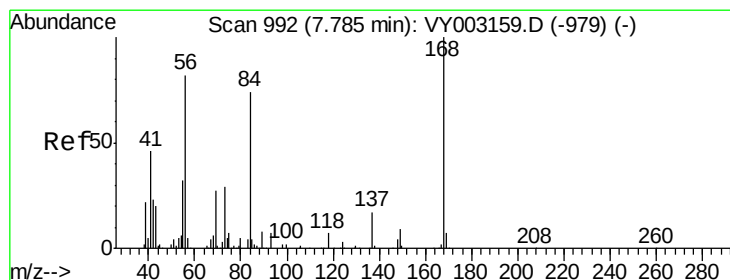
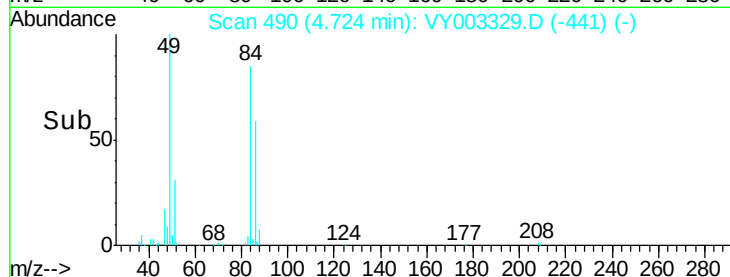
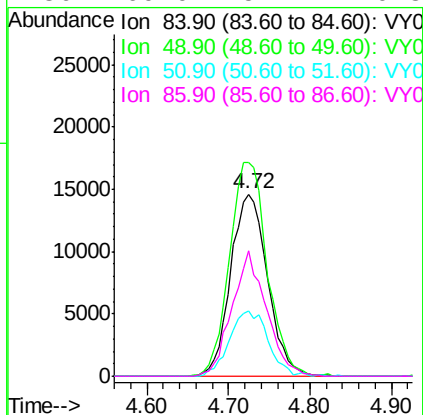
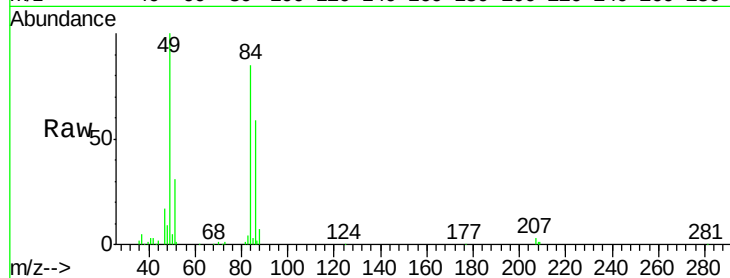




#20
Methylene Chloride
Concen: 6.345 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003329.D
Acq: 23 Jul 2020 20:22

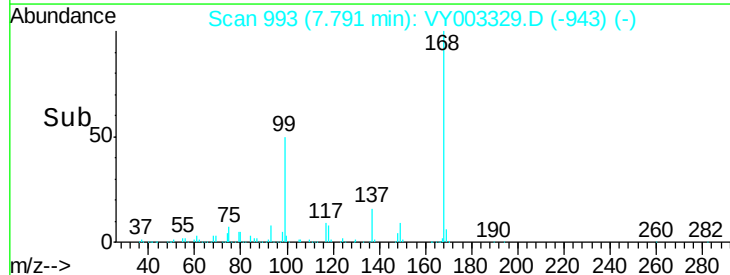
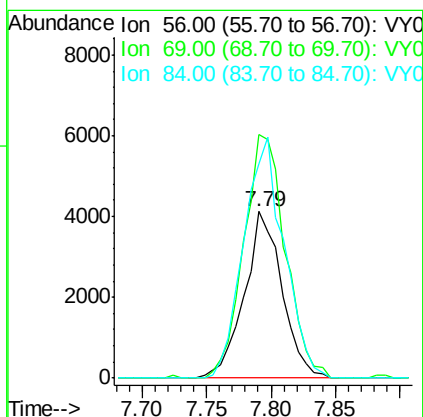
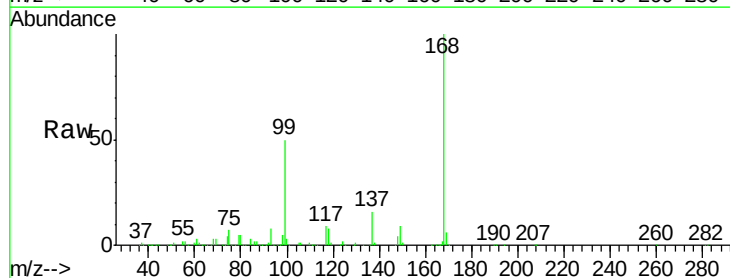
Instrument :
MSVOA_Y
ClientSampled :
CRT-013

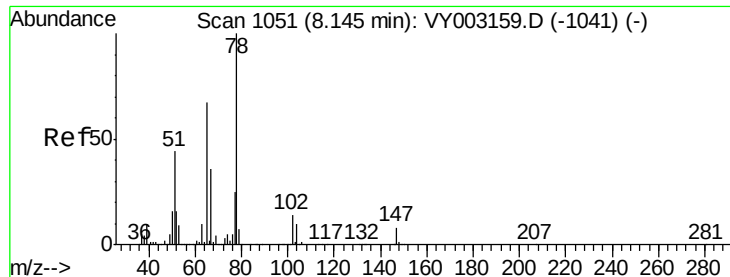
Tot Ion:	84	Resp:	45690
Ion	Ratio	Lower	Upper
84	100		
49	117.4	98.2	147.4
51	36.0	29.8	44.6
86	69.0	51.2	76.8



#31
Cyclohexane
Concen: 1.257 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003329.D
Acq: 23 Jul 2020 20:22

Tgt Ion:	56	Resp:	8341
Ion	Ratio	Lower	Upper
56	100		
69	146.1	26.7	40.1#
84	128.6	72.3	108.5#

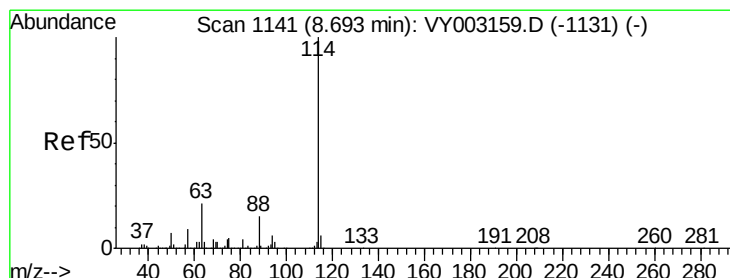
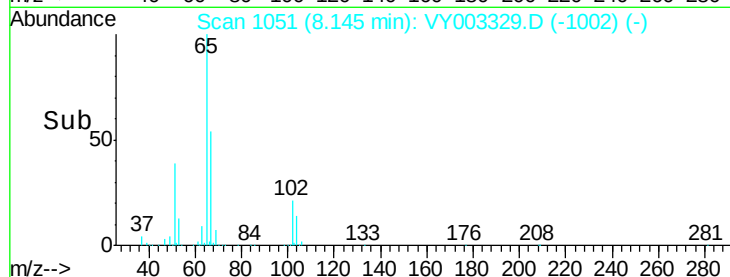
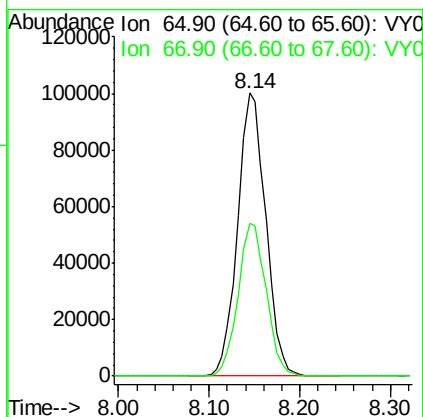
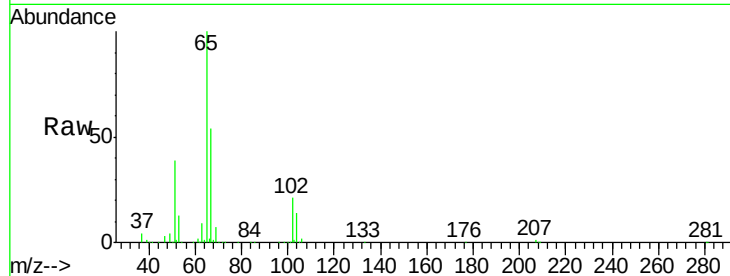




#33
 1,2-Dichloroethane-d4
 Concen: 59.020 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003329.D
 Acq: 23 Jul 2020 20:22

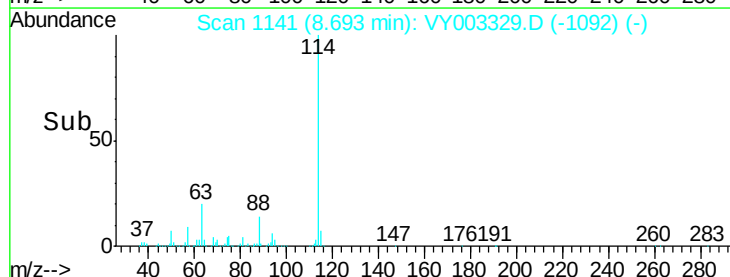
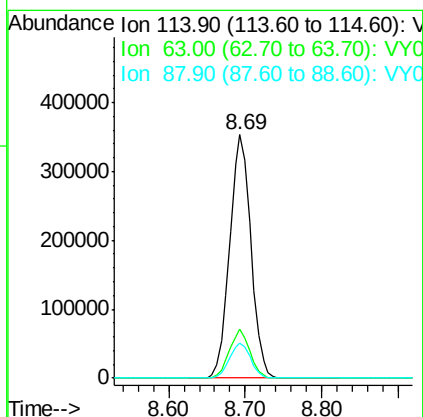
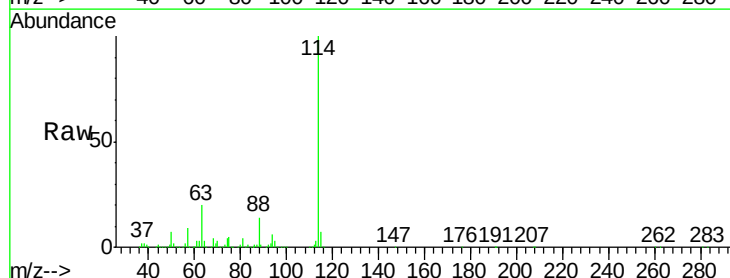
Instrument :
 MSVOA_Y
 ClientSampled :
 CRT-013

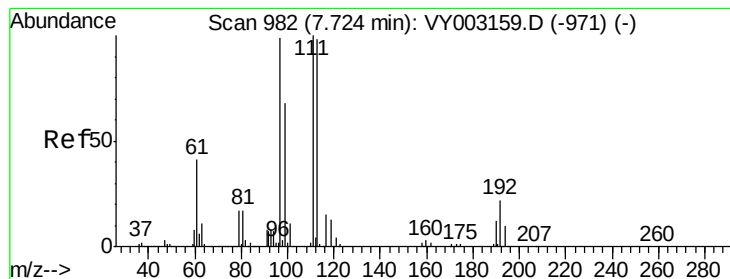
Tot Ion: 65 Resp: 215326
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003329.D
 Acq: 23 Jul 2020 20:22

Tgt Ion: 114 Resp: 676274
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.2
 88 14.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 54.106 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003329.D

Acq: 23 Jul 2020 20:22

Instrument :

MSVOA_Y

ClientSampleId :

CRT-013

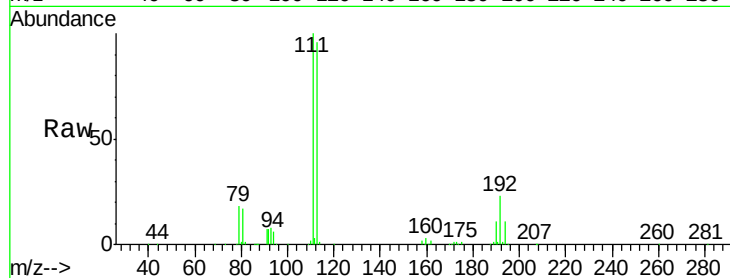
Tot Ion:113 Resp: 210571

Ion Ratio Lower Upper

113 100

111 103.5 82.1 123.1

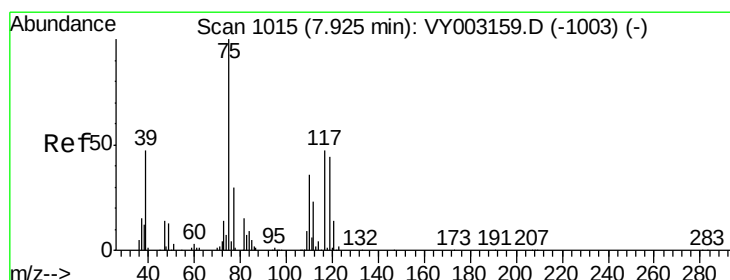
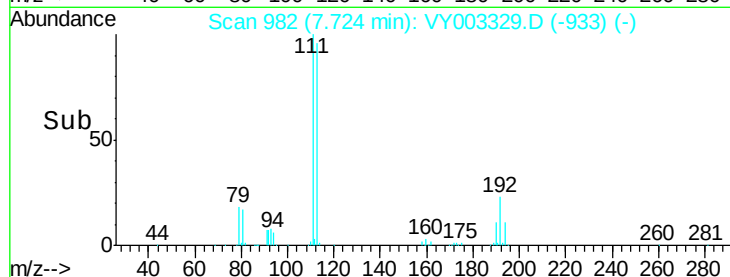
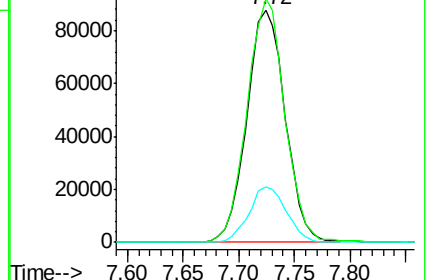
192 23.3 18.8 28.2



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: 4.785 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.13 min

Lab File: VY003329.D

Acq: 23 Jul 2020 20:22

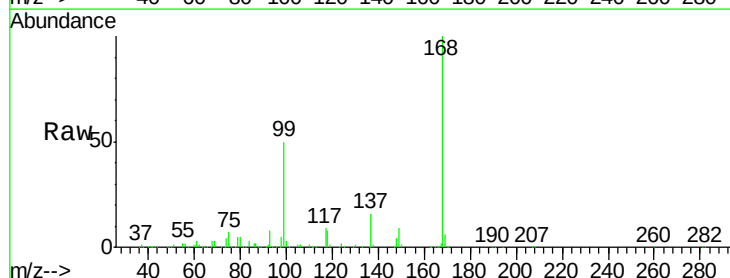
Tgt Ion: 75 Resp: 29330

Ion Ratio Lower Upper

75 100

110 10.1 18.1 54.1#

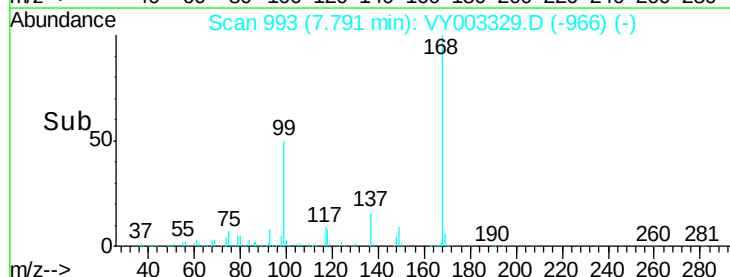
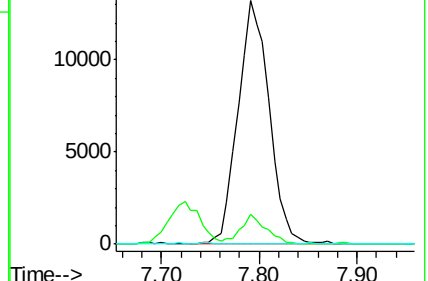
77 0.0 24.8 37.2#

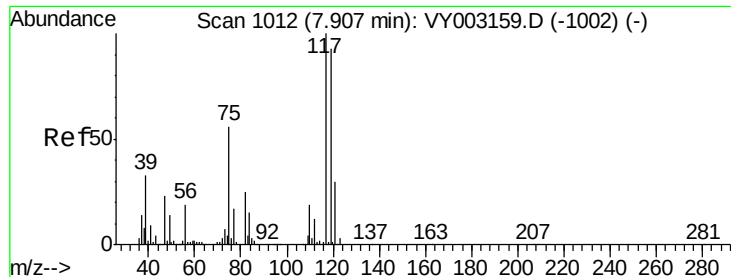


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 5.992 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003329.D

Acq: 23 Jul 2020 20:22

Instrument :

MSVOA_Y

ClientSampleId :

CRT-013

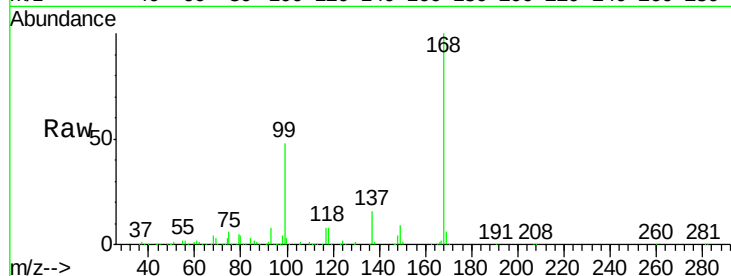
Tot Ion:117 Resp: 37918

Ion Ratio Lower Upper

117 100

119 4.4 74.5 111.7#

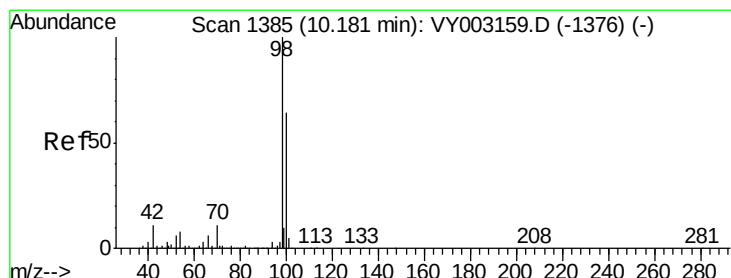
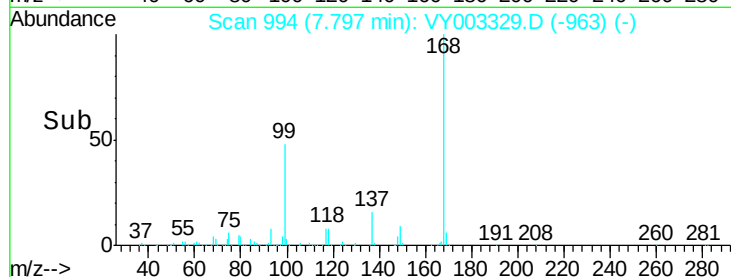
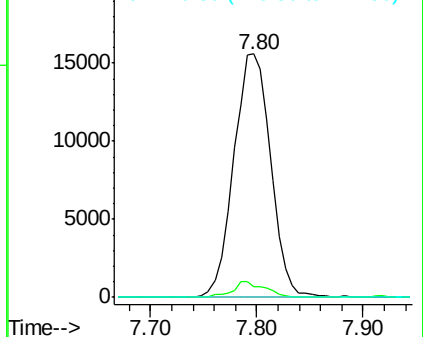
121 0.0 24.2 36.2#



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: 56.816 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003329.D

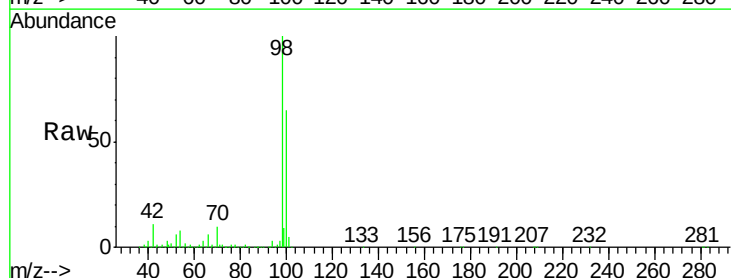
Acq: 23 Jul 2020 20:22

Tgt Ion: 98 Resp: 822066

Ion Ratio Lower Upper

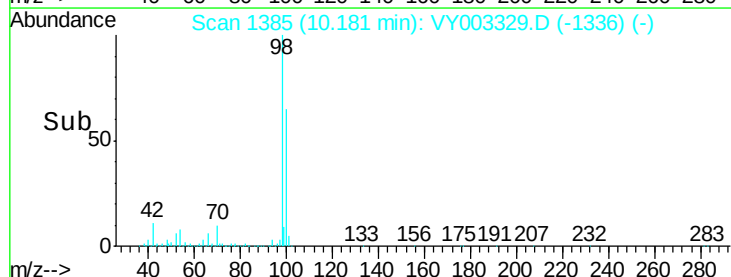
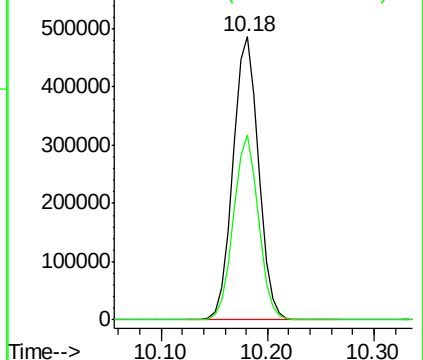
98 100

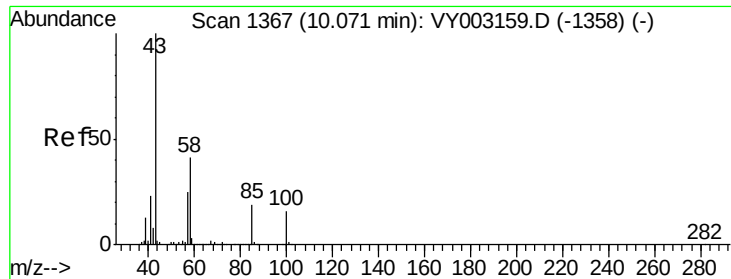
100 63.8 50.7 76.1



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: 1.016 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.11 min

Lab File: VY003329.D

Acq: 23 Jul 2020 20:22

Instrument :

MSVOA_Y

ClientSampleId :

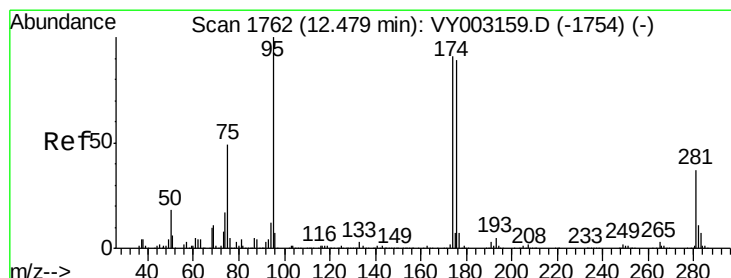
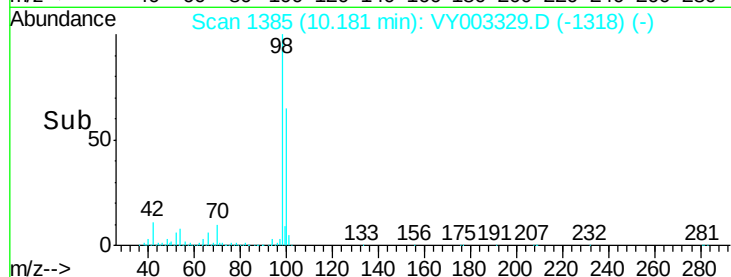
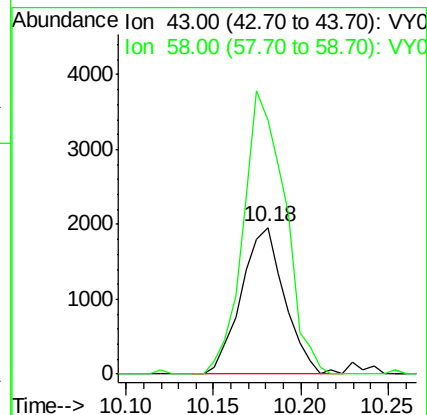
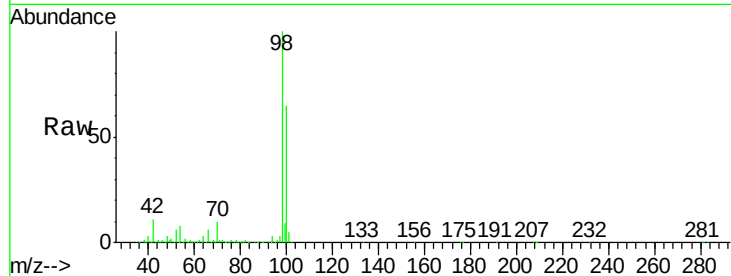
CRT-013

Tot Ion: 43 Resp: 3374

Ion Ratio Lower Upper

43 100

58 186.1 32.7 49.1#



#62

4-Bromofluorobenzene

Concen: 50.760 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003329.D

Acq: 23 Jul 2020 20:22

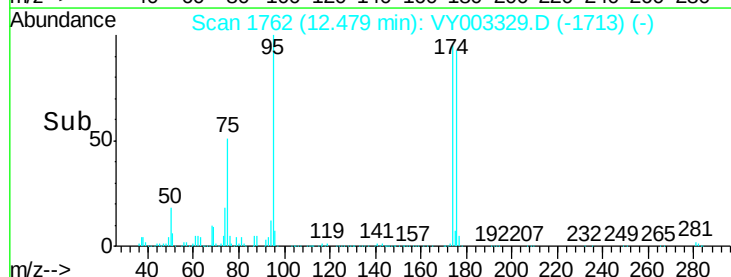
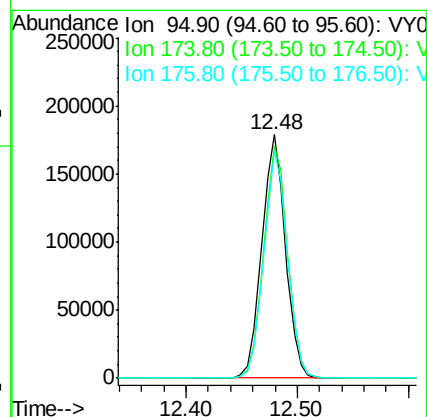
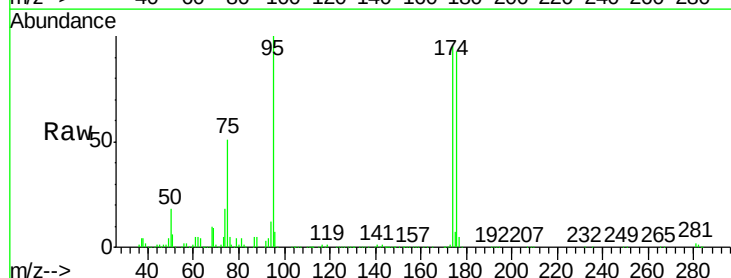
Tgt Ion: 95 Resp: 265326

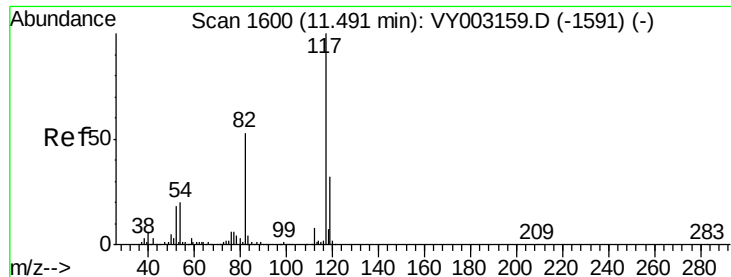
Ion Ratio Lower Upper

95 100

174 96.7 0.0 190.6

176 93.2 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: VY003329.D

Acq: 23 Jul 2020 20:22

Instrument :

MSVOA_Y

ClientSampleId :

CRT-013

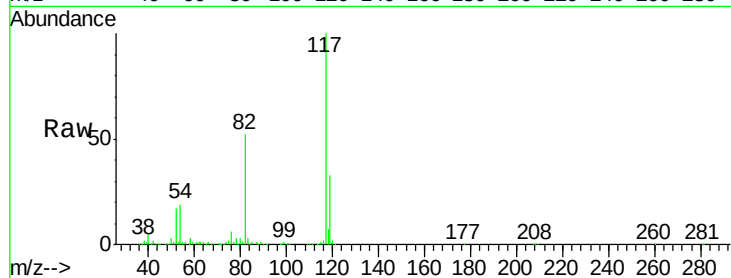
Tot Ion:117 Resp: 635931

Ion Ratio Lower Upper

117 100

82 52.5 42.0 63.0

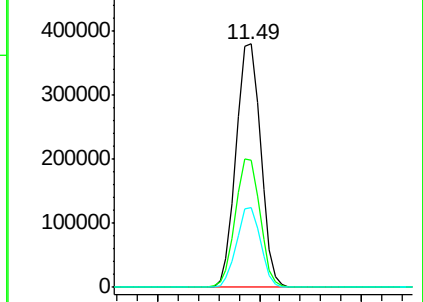
119 32.8 25.5 38.3



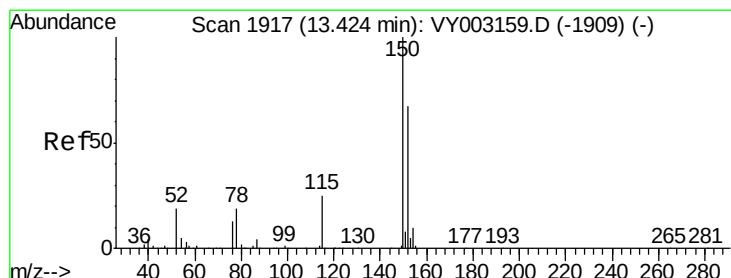
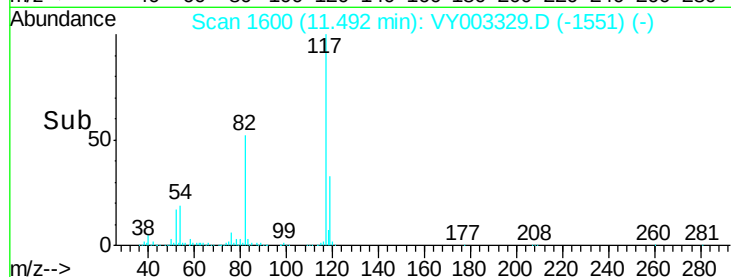
Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003329.D

Acq: 23 Jul 2020 20:22

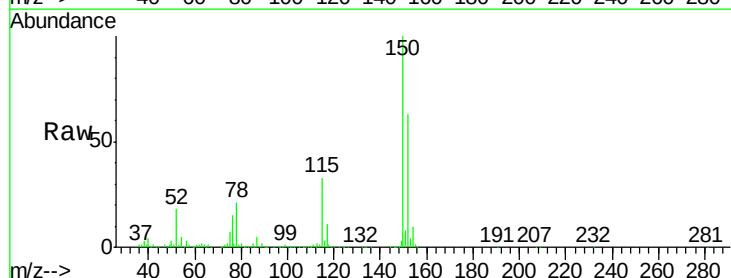
Tgt Ion:152 Resp: 303182

Ion Ratio Lower Upper

152 100

115 53.7 26.9 80.7

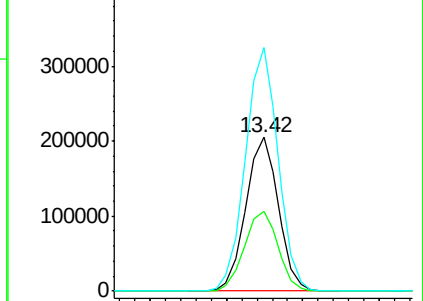
150 158.6 0.0 338.0



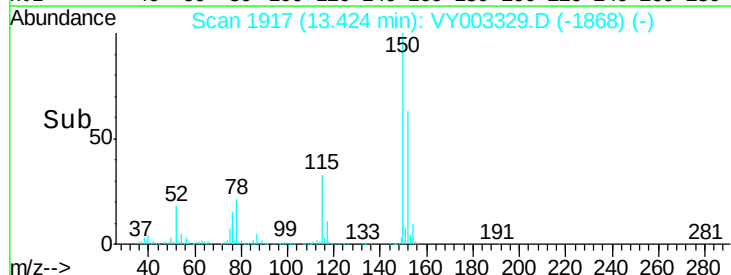
Abundance Ion 151.90 (151.60 to 152.60): V

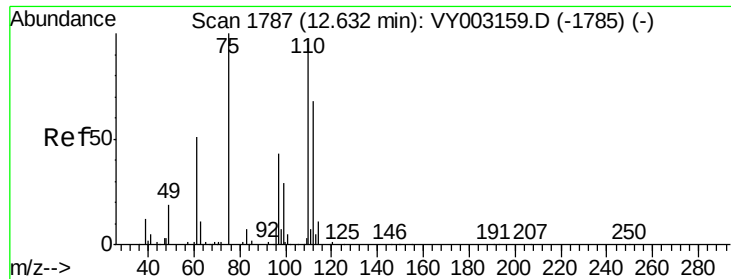
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time-->





#76

1,2,3-Trichloropropane

Concen: 50.535 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003329.D

Acq: 23 Jul 2020 20:22

Instrument :

MSVOA_Y

ClientSampled :

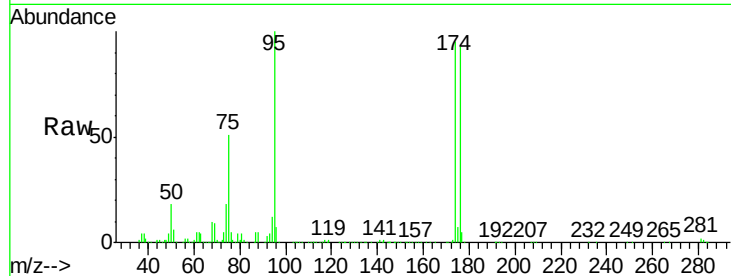
CRT-013

Tot Ion: 75 Resp: 135621

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

12.48

100000

80000

60000

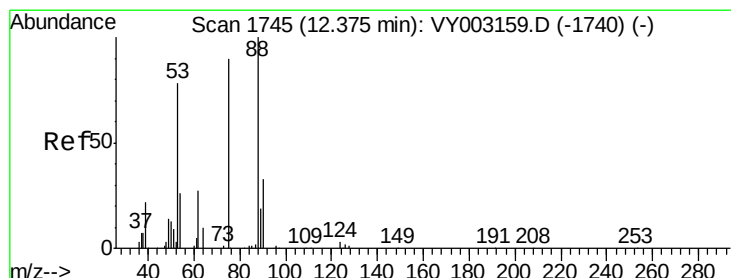
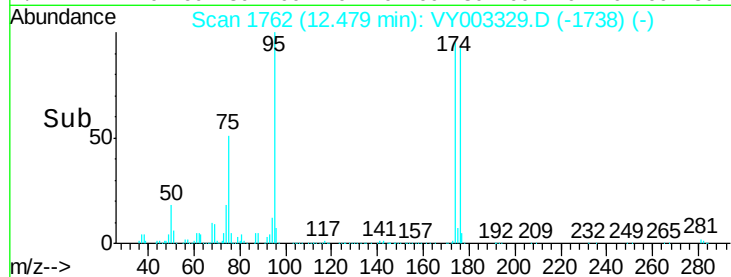
40000

20000

0

Time-->

12.40 12.45 12.50 12.55



#81

trans-1,4-Dichloro-2-butene

Concen: 98.352 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003329.D

Acq: 23 Jul 2020 20:22

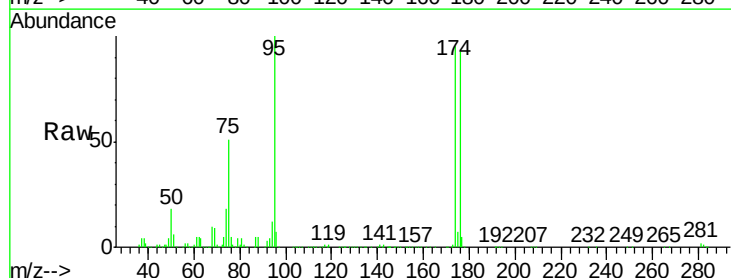
Tgt Ion: 75 Resp: 135621

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

89 0.0 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

12.48

120000

100000

80000

60000

40000

20000

0

Time-->

12.40 12.45 12.50 12.55

