

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003324.D
 Acq On : 23 Jul 2020 18:22
 Operator : SY/MD
 Sample : L3382-05
 Misc : 7.98G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CTR-020

Quant Time: Jul 24 04:43:04 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

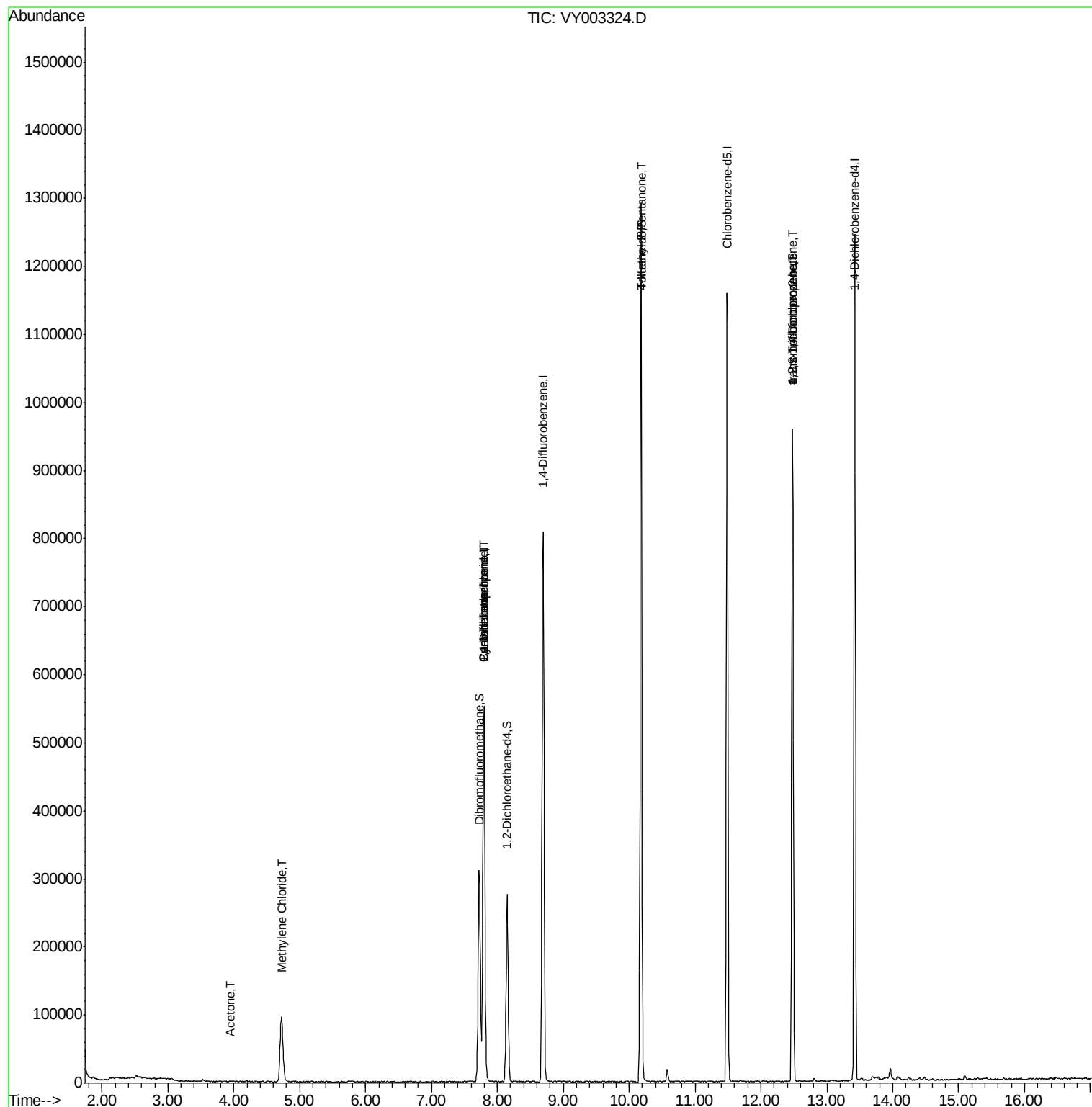
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	462055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	704053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	655807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	324308	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	217078	55.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.32%	
35) Dibromofluoromethane	7.72	113	217968	53.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.60%	
50) Toluene-d8	10.18	98	850492	56.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.92%	
62) 4-Bromofluorobenzene	12.48	95	276265	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
Target Compounds						
					Qvalue	
16) Acetone	3.95	43	1638	1.880	ug/l #	80
20) Methylene Chloride	4.72	84	76367	13.401	ug/l	94
31) Cyclohexane	7.79	56	7115	1.003	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	29984	4.699	ug/l #	50
38) Carbon Tetrachloride	7.80	117	41204	6.255	ug/l #	17
51) 4-Methyl-2-Pentanone	10.17	43	3890	1.125	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	137796	48.001	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	137796	93.419	ug/l #	13

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

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Quant Time: Jul 24 04:43:04 2020
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Quant Title : SW846 8260
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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: VY003324.D

Acq: 23 Jul 2020 18:22

Instrument :

MSVOA_Y

ClientSampled :

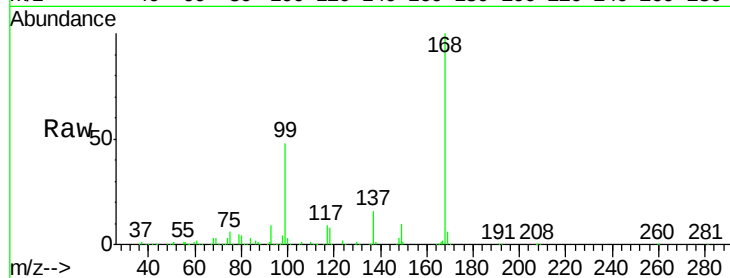
CTR-020

Tot Ion:168 Resp: 462055

Ion Ratio Lower Upper

168 100

99 47.7 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003324.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003324.D (-945) (-)

7.80

200000

150000

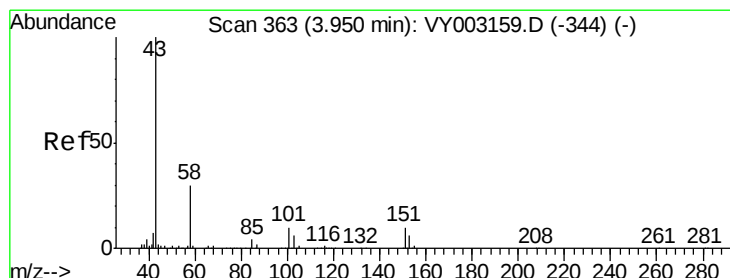
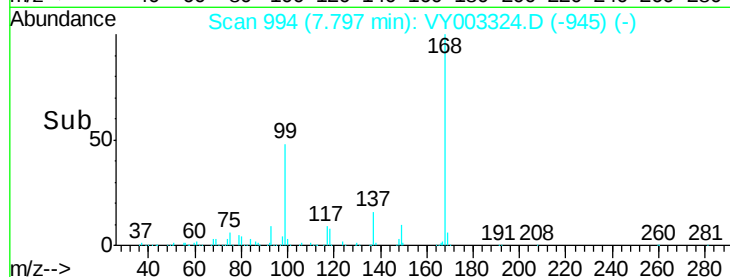
100000

50000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 1.880 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY003324.D

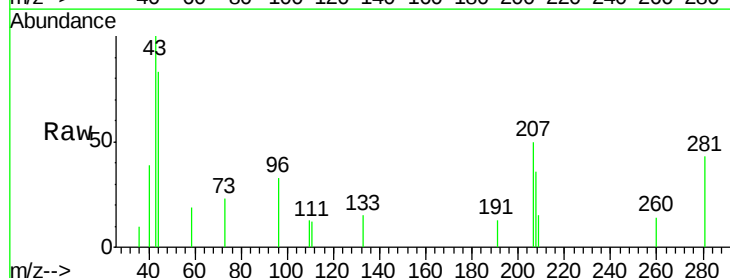
Acq: 23 Jul 2020 18:22

Tgt Ion: 43 Resp: 1638

Ion Ratio Lower Upper

43 100

58 18.7 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VY003324.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003324.D (-314) (-)

3.95

600

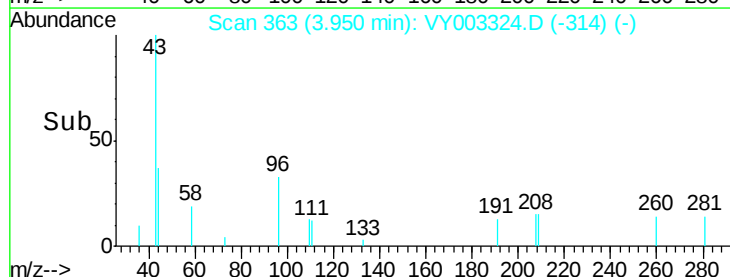
400

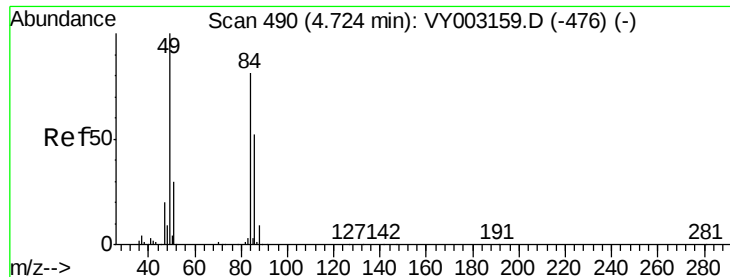
200

0

3.85 3.90 3.95 4.00 4.05

Time-->

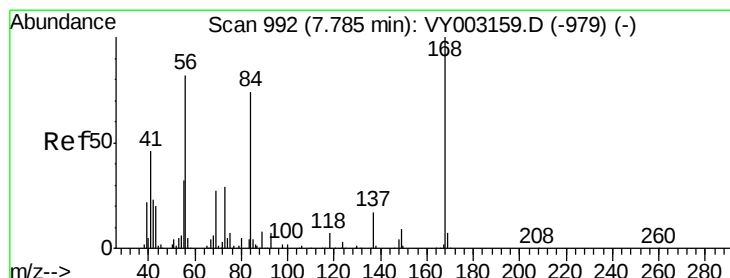
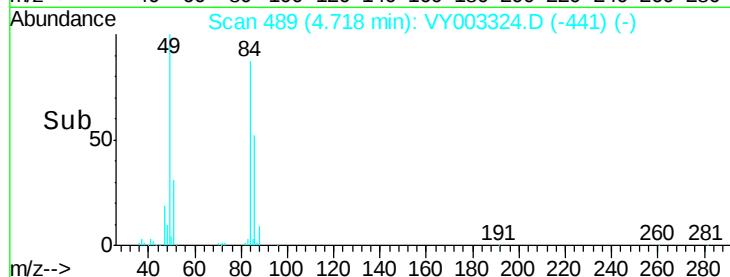
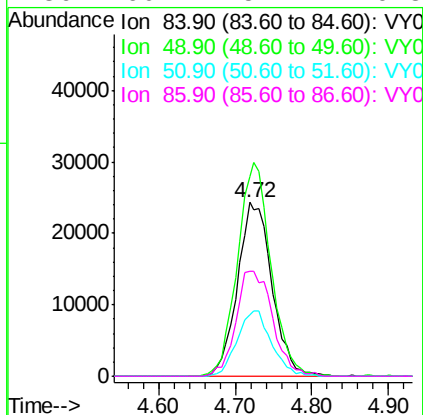
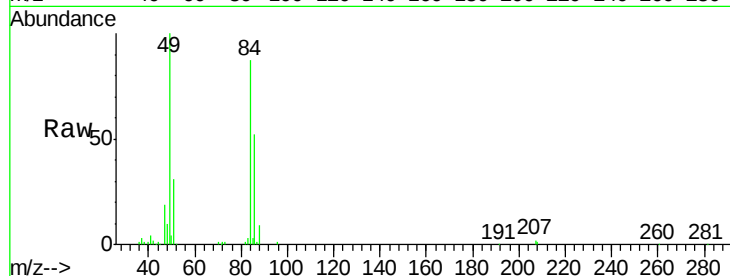




#20
Methylene Chloride
Concen: 13.401 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003324.D
Acq: 23 Jul 2020 18:22

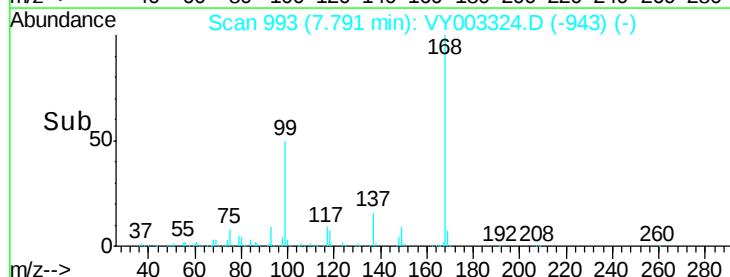
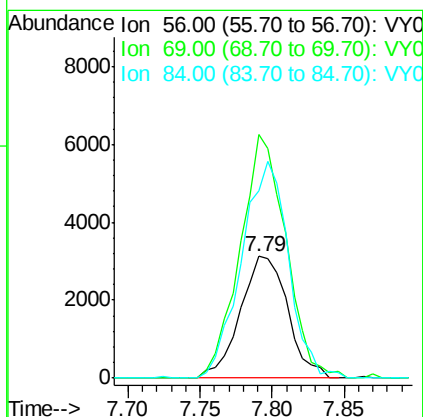
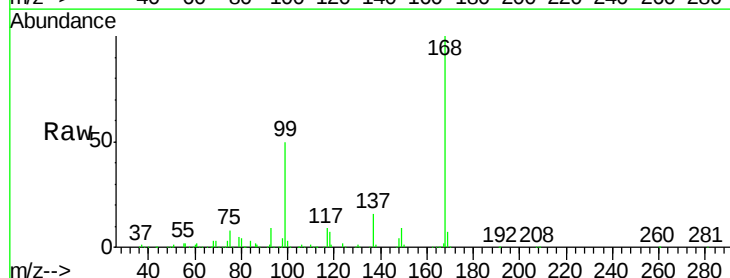
Instrument :
MSVOA_Y
ClientSampleId :
CTR-020

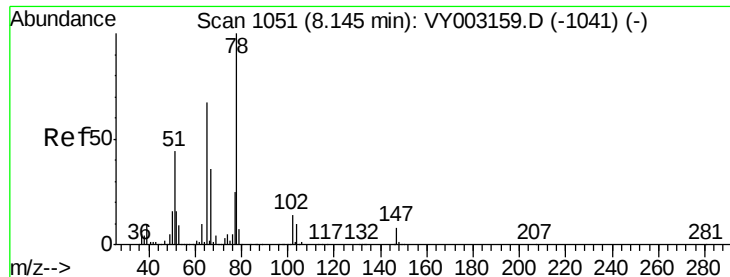
Tot Ion: 84 Resp: 76367
Ion Ratio Lower Upper
84 100
49 115.0 98.2 147.4
51 35.1 29.8 44.6
86 60.2 51.2 76.8



#31
Cyclohexane
Concen: 1.003 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003324.D
Acq: 23 Jul 2020 18:22

Tgt Ion: 56 Resp: 7115
Ion Ratio Lower Upper
56 100
69 200.0 26.7 40.1#
84 154.4 72.3 108.5#

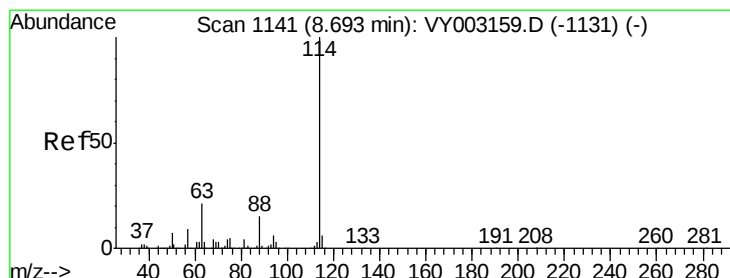
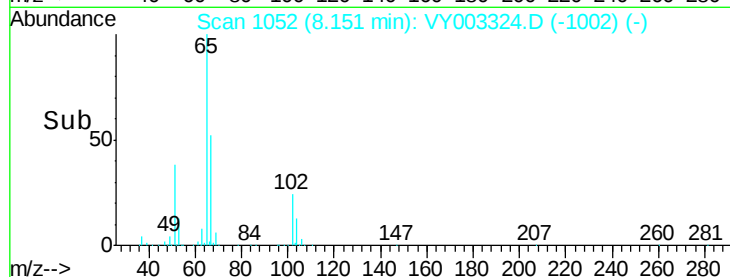
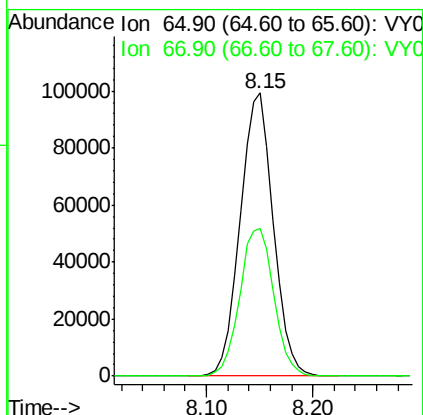
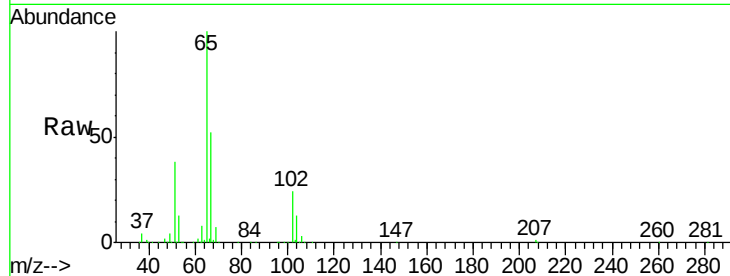




#33
 1,2-Dichloroethane-d4
 Concen: 55.662 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003324.D
 Acq: 23 Jul 2020 18:22

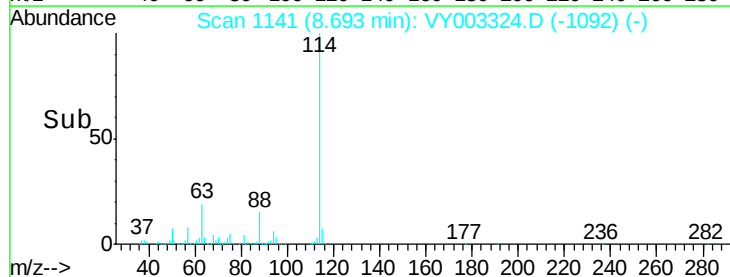
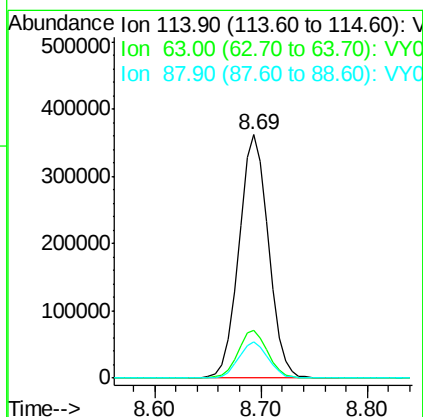
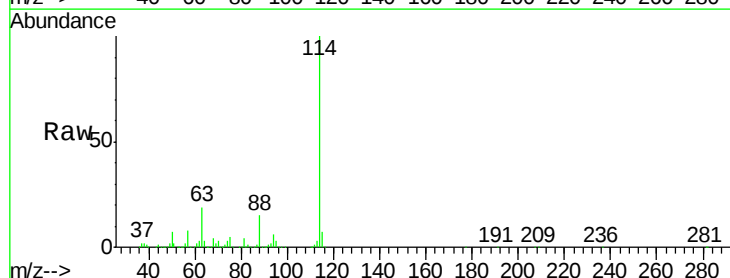
Instrument :
 MSVOA_Y
 ClientSampled :
 CTR-020

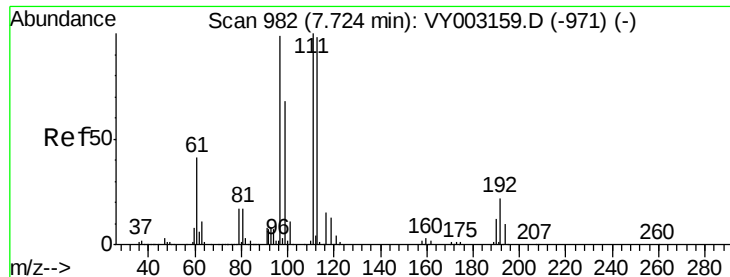
Tot Ion: 65 Resp: 217078
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003324.D
 Acq: 23 Jul 2020 18:22

Tgt Ion: 114 Resp: 704053
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.2
 88 14.9 0.0 30.2

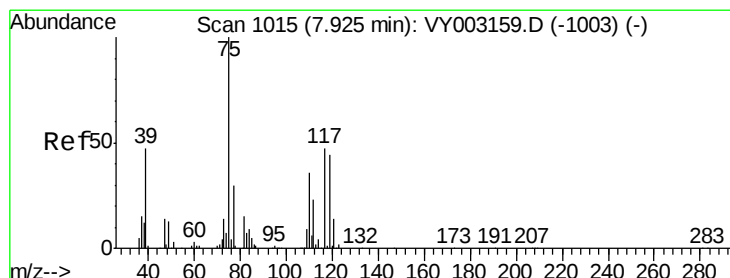
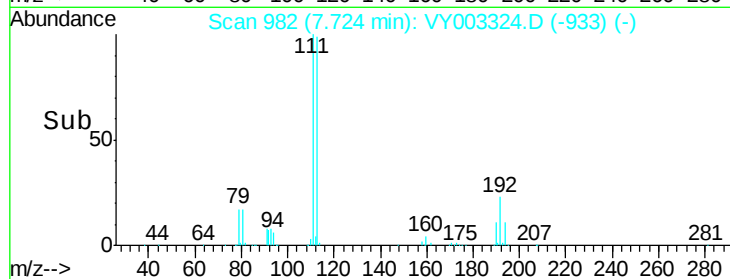
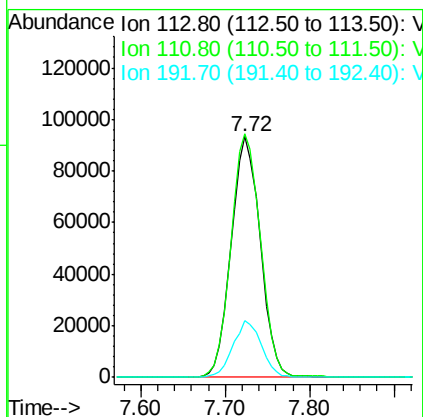
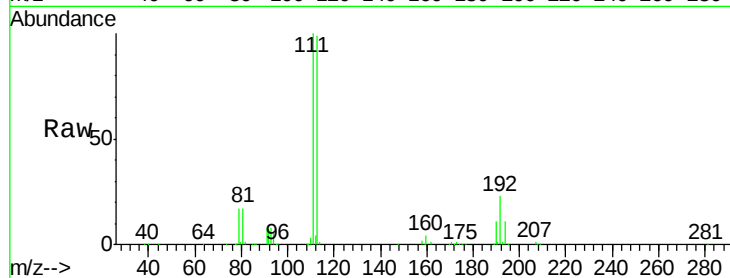




#35
 Dibromofluoromethane
 Concen: 53.797 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003324.D
 Acq: 23 Jul 2020 18:22

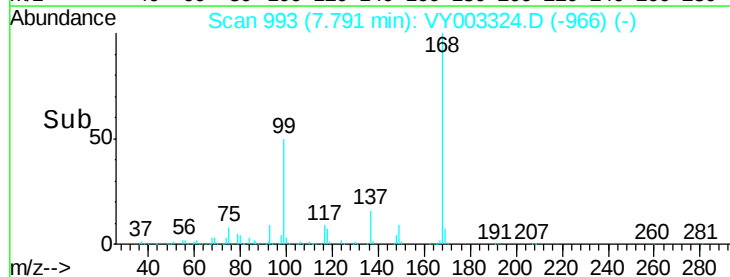
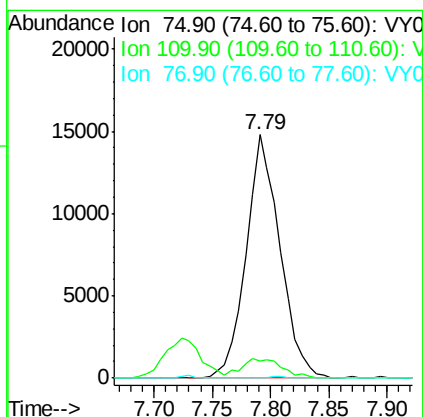
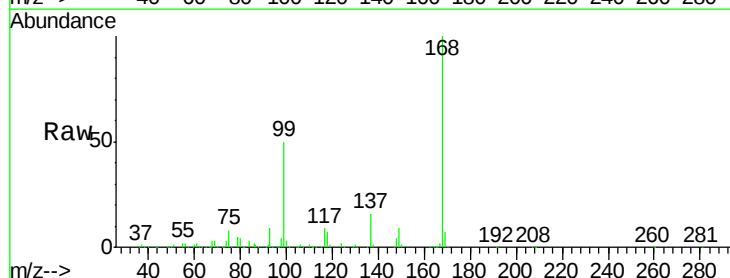
Instrument :
 MSVOA_Y
 ClientSampleId :
 CTR-020

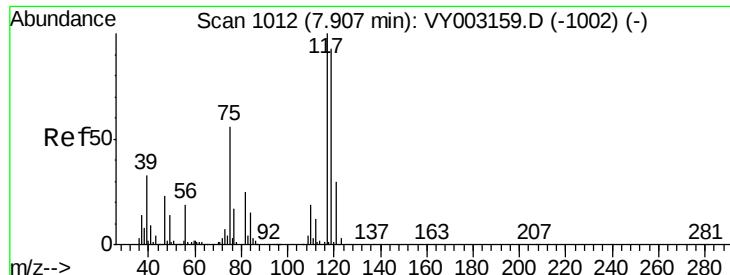
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.1	123.1
192	23.2	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 4.699 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY003324.D
 Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.1	54.1#
77	0.2	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.255 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003324.D

Acq: 23 Jul 2020 18:22

Instrument :

MSVOA_Y

ClientSampleId :

CTR-020

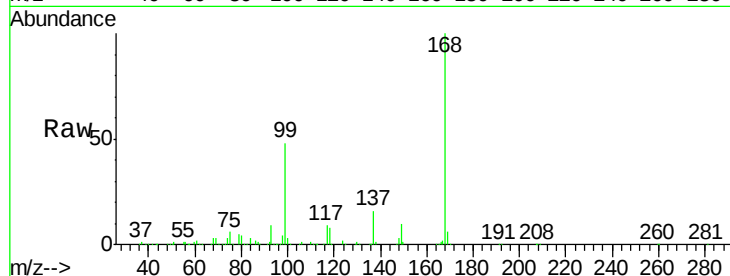
Tot Ion:117 Resp: 41204

Ion Ratio Lower Upper

117 100

119 4.8 74.5 111.7#

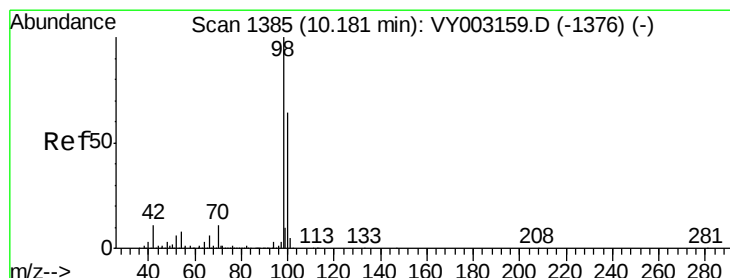
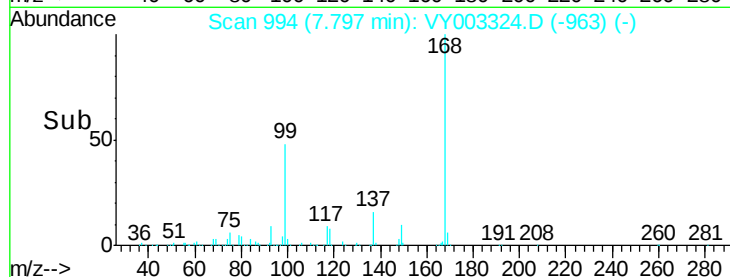
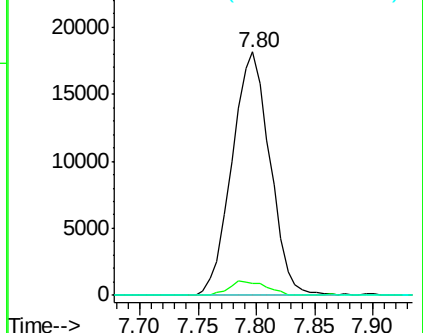
121 0.0 24.2 36.2#



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: 56.461 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003324.D

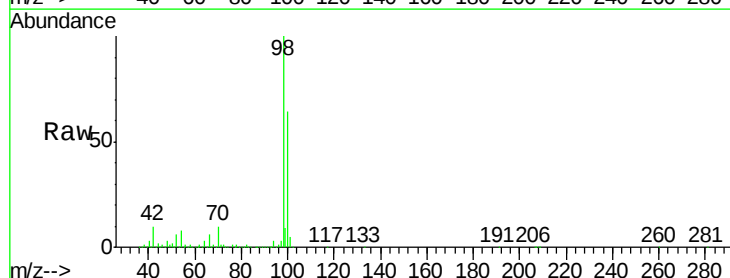
Acq: 23 Jul 2020 18:22

Tgt Ion: 98 Resp: 850492

Ion Ratio Lower Upper

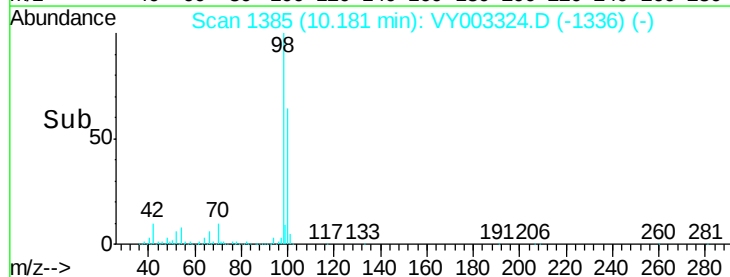
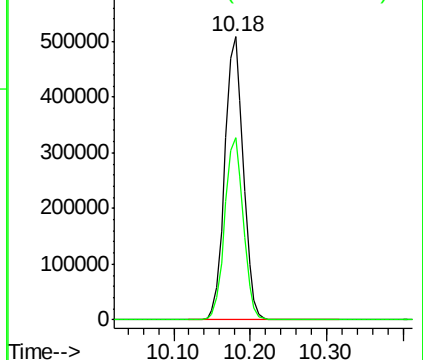
98 100

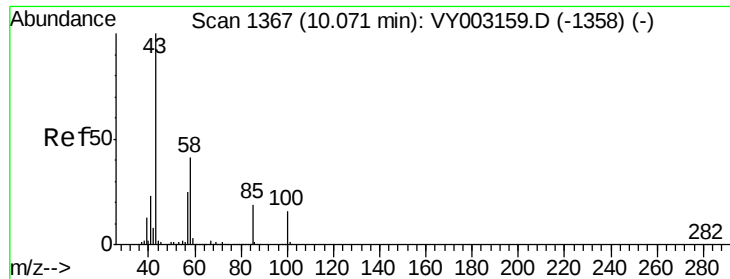
100 64.5 50.7 76.1



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: 1.125 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. 0.10 min

Lab File: VY003324.D

Acq: 23 Jul 2020 18:22

Instrument :

MSVOA_Y

ClientSampled :

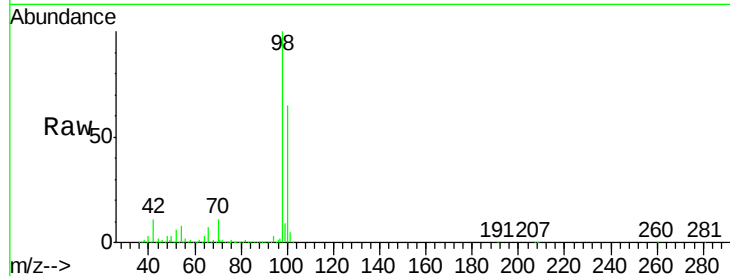
CTR-020

Tot Ion: 43 Resp: 3890

Ion Ratio Lower Upper

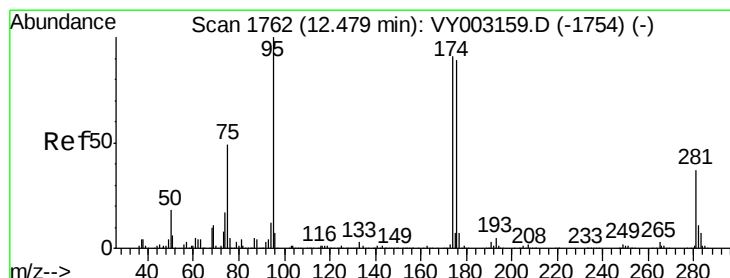
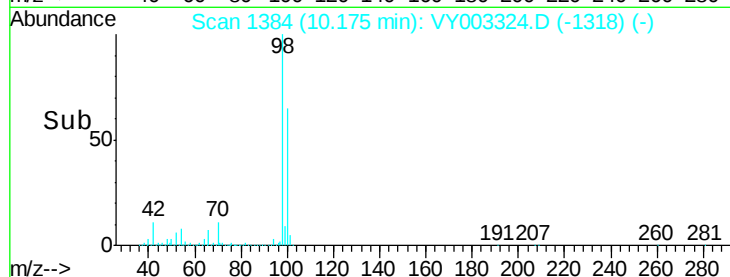
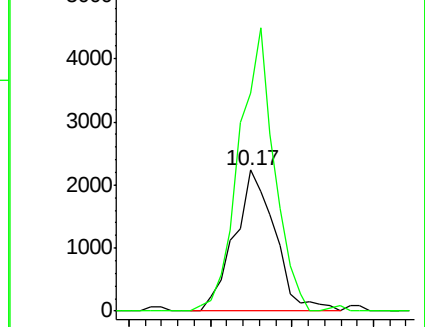
43 100

58 173.9 32.7 49.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#62

4-Bromofluorobenzene

Concen: 50.767 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003324.D

Acq: 23 Jul 2020 18:22

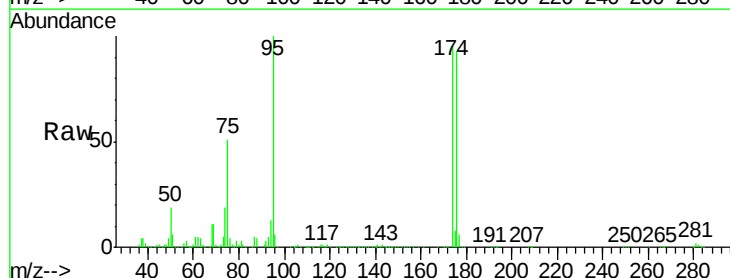
Tgt Ion: 95 Resp: 276265

Ion Ratio Lower Upper

95 100

174 95.8 0.0 190.6

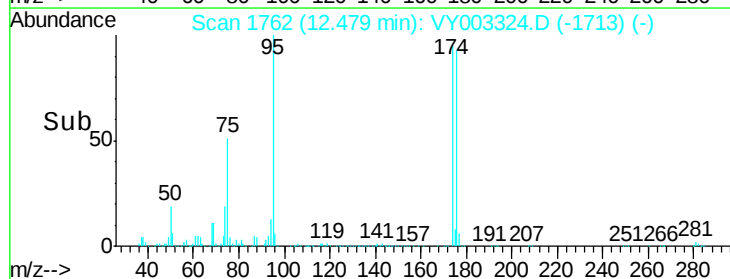
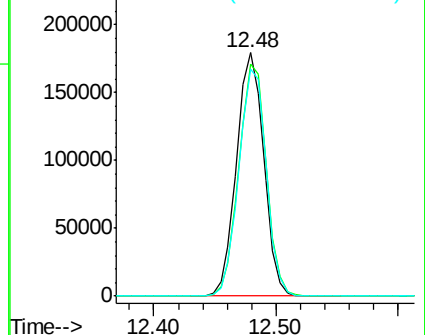
176 93.7 0.0 186.4

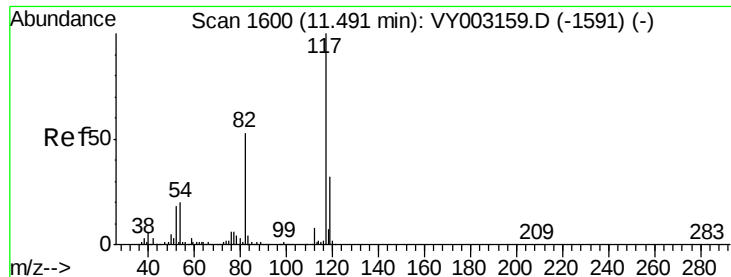


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

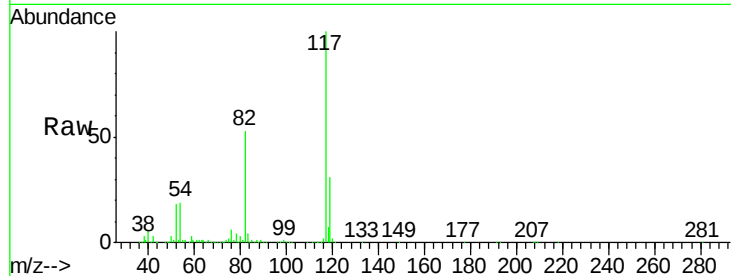




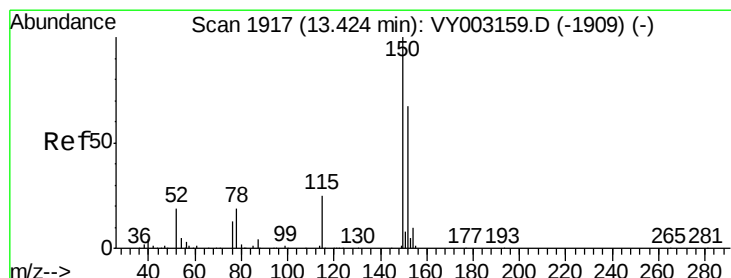
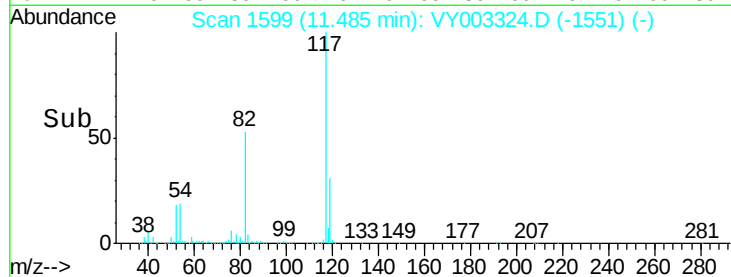
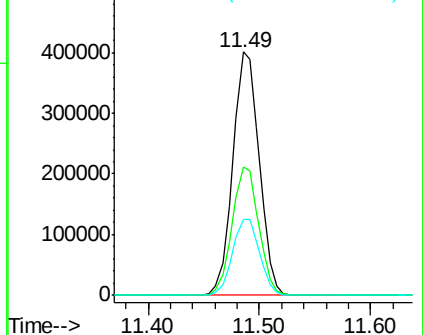
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003324.D
Acq: 23 Jul 2020 18:22

Instrument :
MSVOA_Y
ClientSampled :
CTR-020

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.0	63.0
119	31.4	25.5	38.3

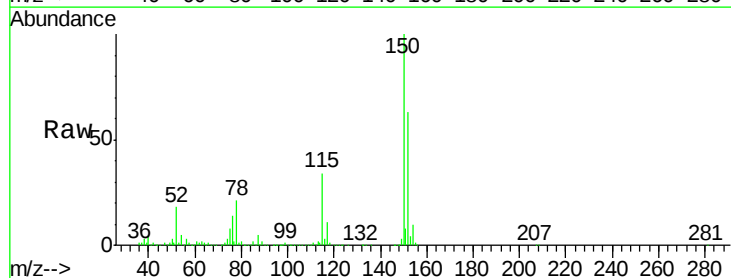


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

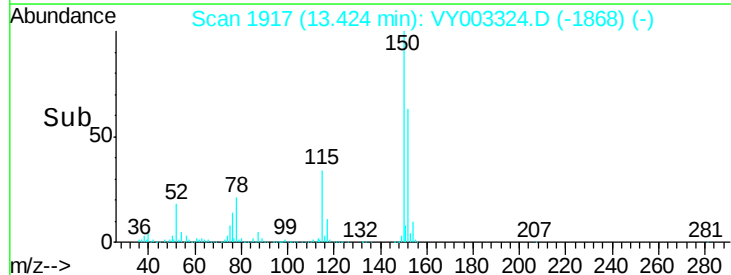
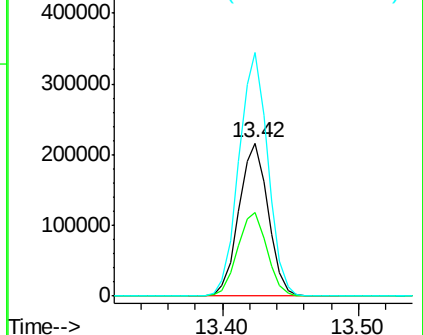


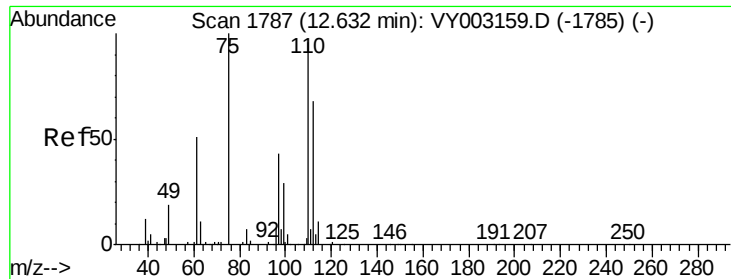
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003324.D
Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	26.9	80.7
150	157.5	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: 48.001 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003324.D

Acq: 23 Jul 2020 18:22

Instrument :

MSVOA_Y

ClientSampled :

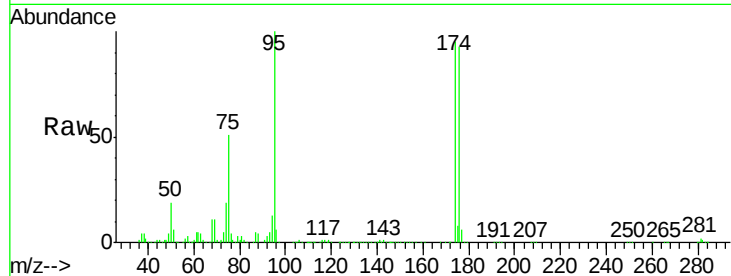
CTR-020

Tot Ion: 75 Resp: 137796

Ion Ratio Lower Upper

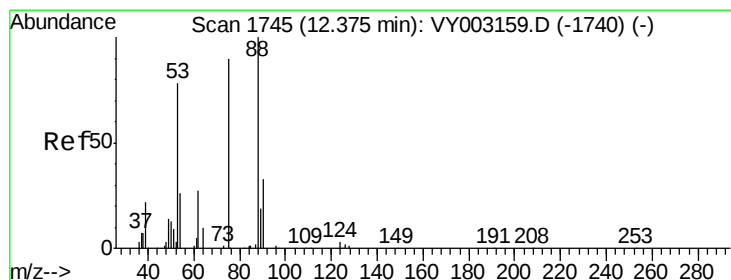
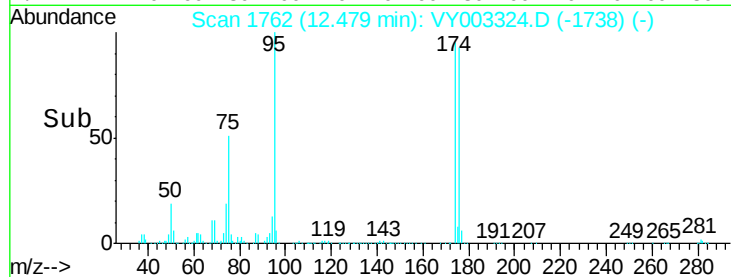
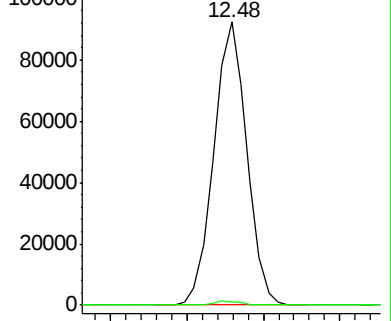
75 100

77 1.2 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: 93.419 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003324.D

Acq: 23 Jul 2020 18:22

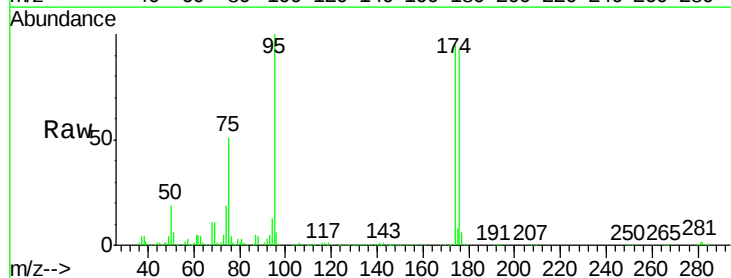
Tgt Ion: 75 Resp: 137796

Ion Ratio Lower Upper

75 100

53 0.2 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

