

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
 Data File : VY003290.D
 Acq On : 22 Jul 2020 15:57
 Operator : SY/MD
 Sample : L3351-04RE
 Misc : 7.27G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-1B

Quant Time: Jul 23 05:43:31 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

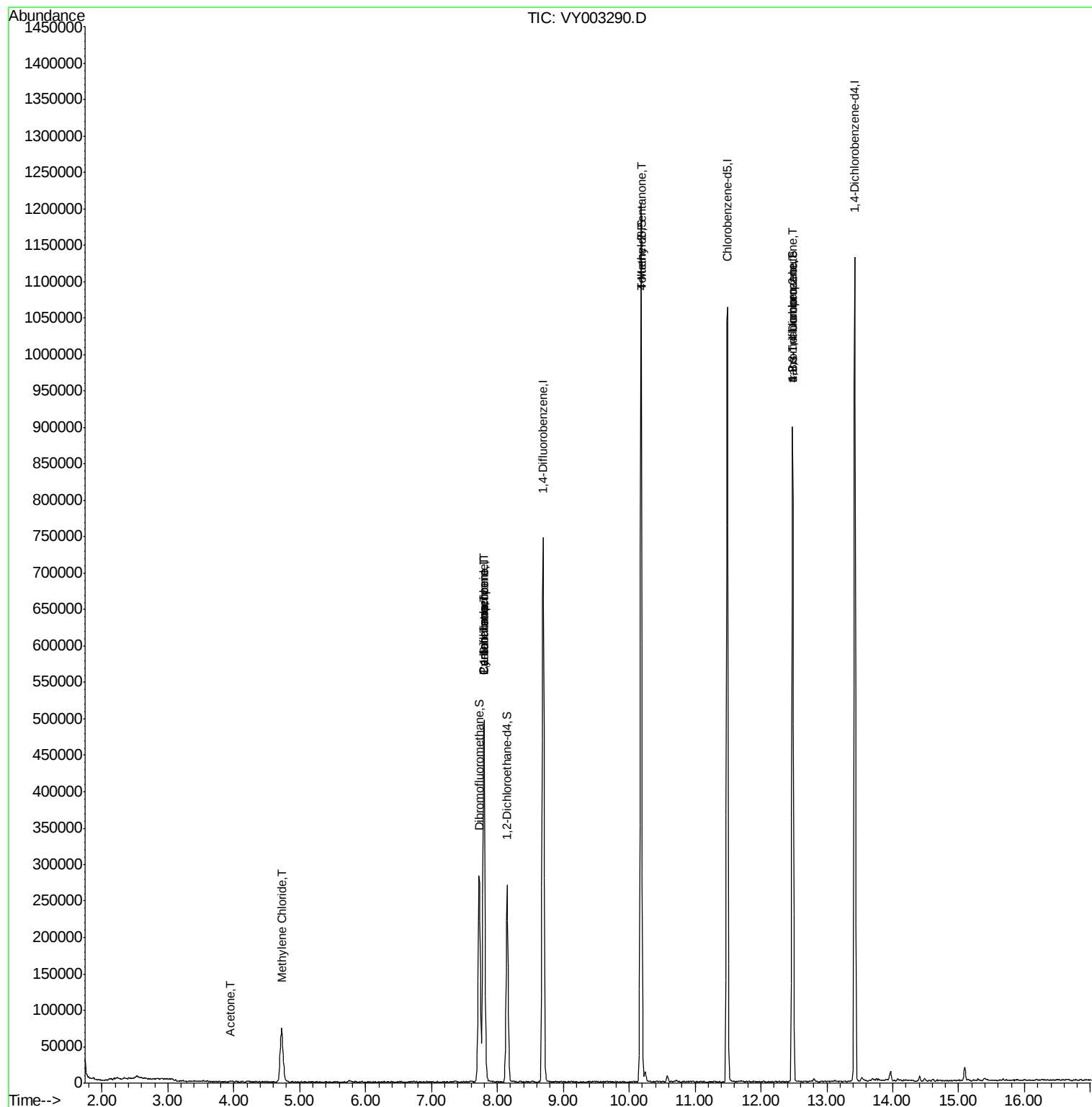
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	410337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	640572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	592388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	294203	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	207855	60.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.02%	
35) Dibromofluoromethane	7.72	113	199926	54.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.46%	
50) Toluene-d8	10.18	98	783545	57.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.34%	
62) 4-Bromofluorobenzene	12.48	95	252665	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
Target Compounds						
					Qvalue	
16) Acetone	3.95	43	1840	2.378	ug/l #	83
20) Methylene Chloride	4.72	84	57329	10.373	ug/l	98
31) Cyclohexane	7.79	56	7604	1.207	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	27845	4.796	ug/l #	49
38) Carbon Tetrachloride	7.80	117	37268	6.218	ug/l #	18
51) 4-Methyl-2-Pentanone	10.17	43	3185	1.013	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	128461	49.328	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	128461	96.002	ug/l #	13

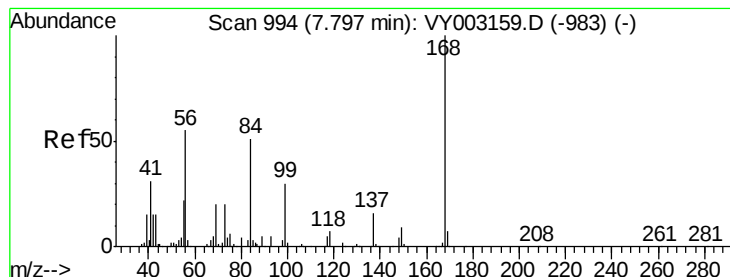
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
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Quant Time: Jul 23 05:43:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 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: VY003290.D

Acq: 22 Jul 2020 15:57

Instrument :

MSVOA_Y

ClientSampleId :

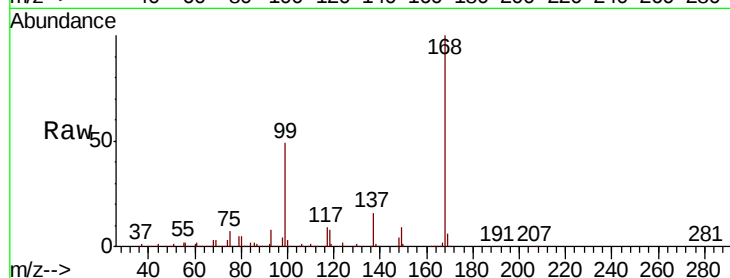
SAMPLE-1B

Tot Ion:168 Resp: 410337

Ion Ratio Lower Upper

168 100

99 48.8 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003290.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003290.D (-945) (-)

7.80

200000

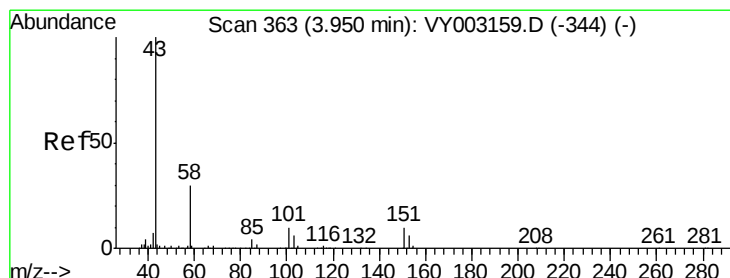
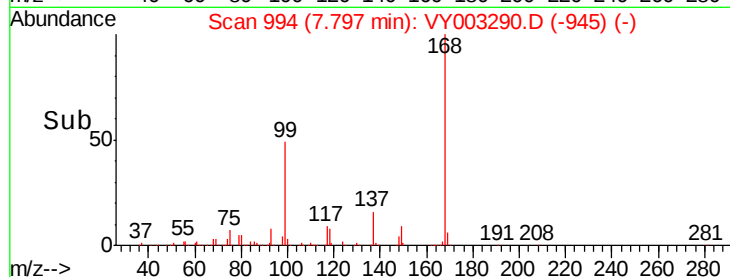
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.378 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY003290.D

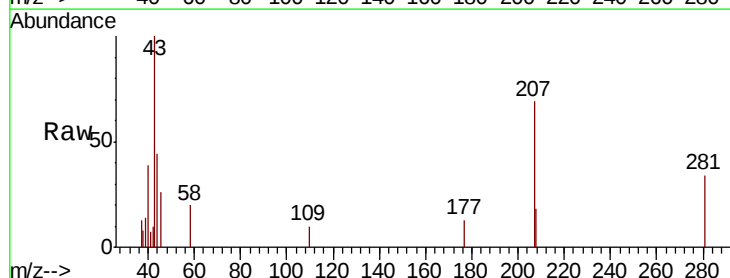
Acq: 22 Jul 2020 15:57

Tgt Ion: 43 Resp: 1840

Ion Ratio Lower Upper

43 100

58 20.3 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VY003290.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003290.D (-314) (-)

3.95

800

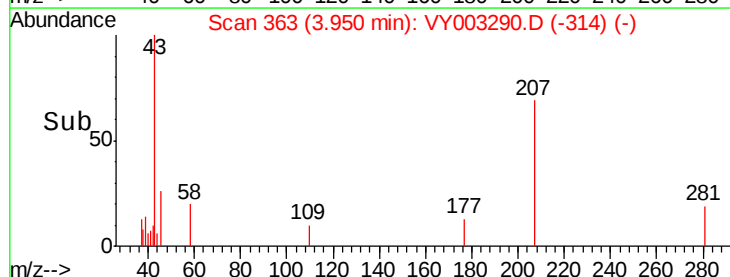
600

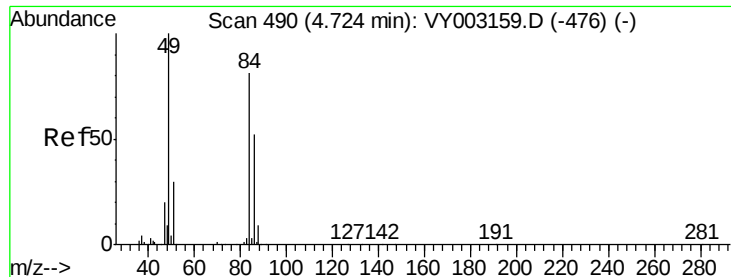
400

200

0

Time-->

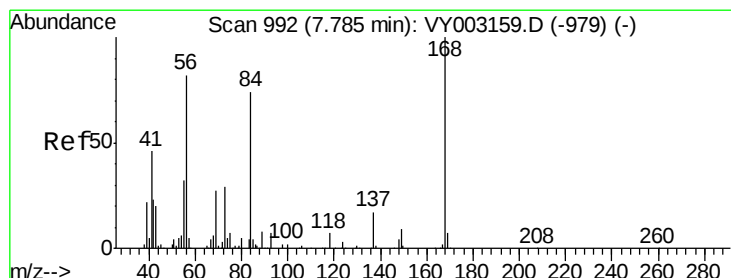
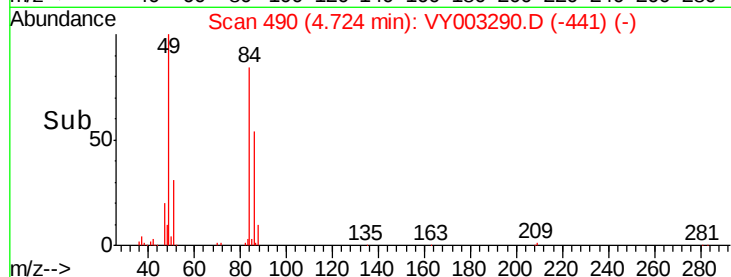
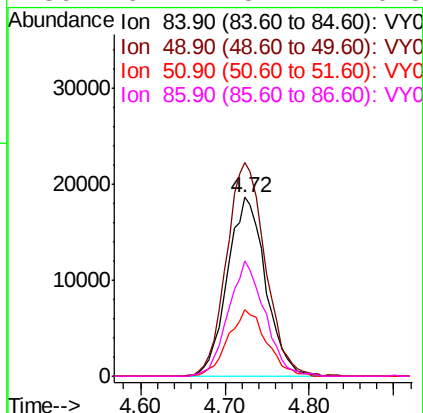
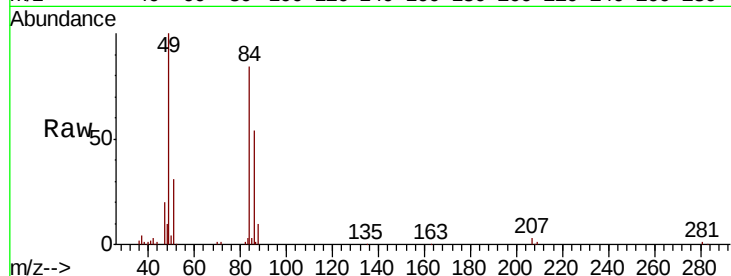




#20
Methvlene Chloride
Concen: 10.373 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003290.D
Acq: 22 Jul 2020 15:57

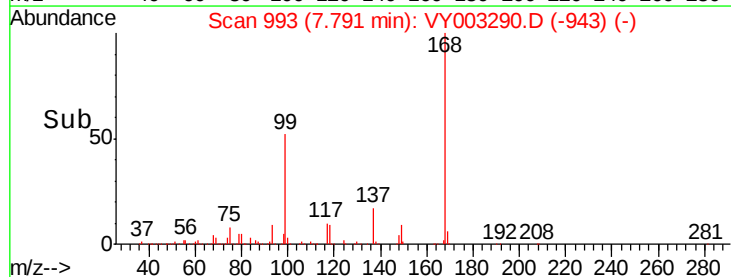
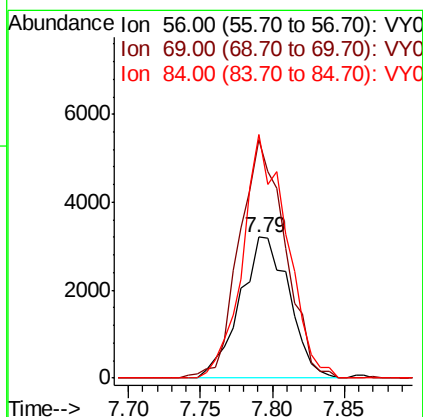
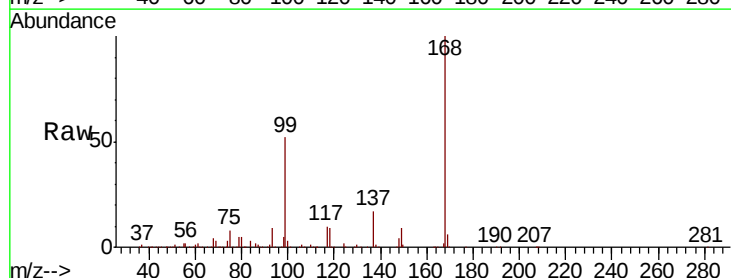
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1B

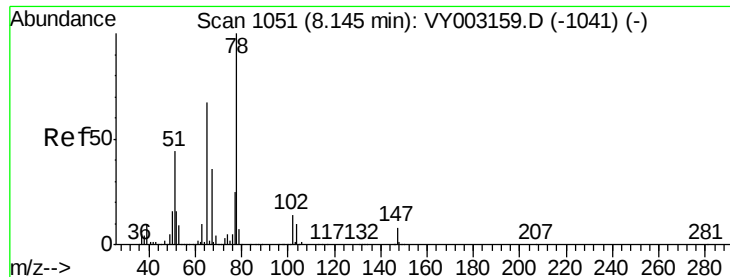
Tot Ion:	84	Resp:	57329
Ion	Ratio	Lower	Upper
84	100		
49	118.8	98.2	147.4
51	37.4	29.8	44.6
86	64.4	51.2	76.8



#31
Cyclohexane
Concen: 1.207 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003290.D
Acq: 22 Jul 2020 15:57

Tgt Ion:	56	Resp:	7604
Ion	Ratio	Lower	Upper
56	100		
69	169.6	26.7	40.1#
84	172.7	72.3	108.5#

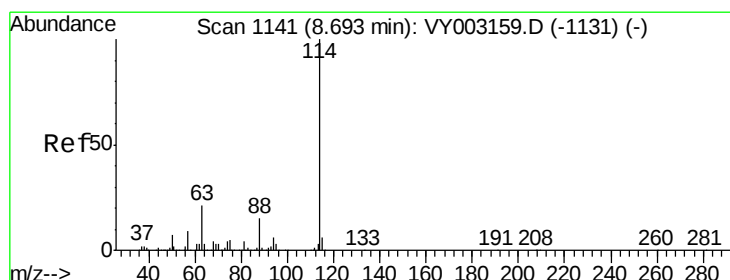
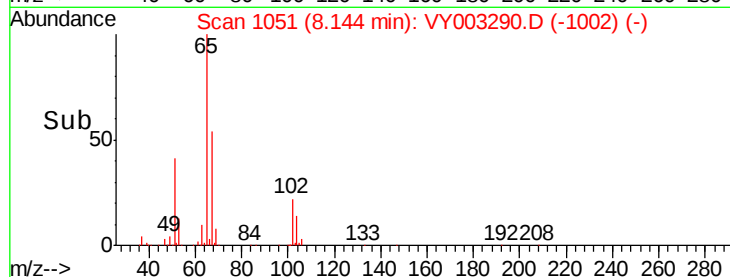
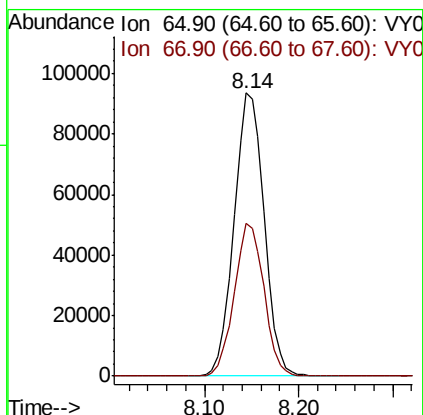
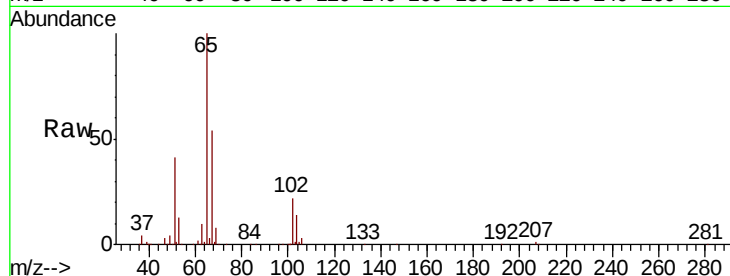




#33
 1,2-Dichloroethane-d4
 Concen: 60.015 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003290.D
 Acq: 22 Jul 2020 15:57

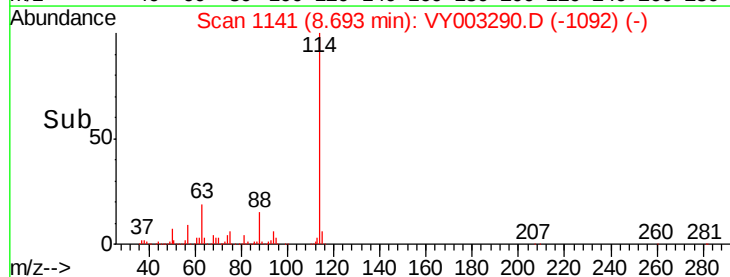
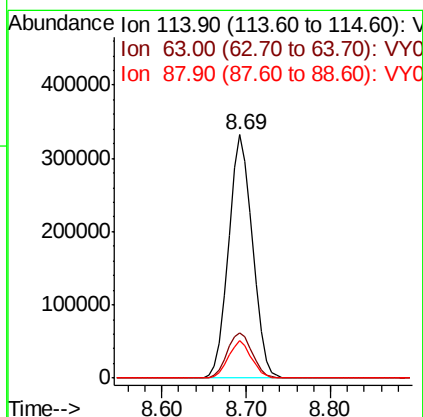
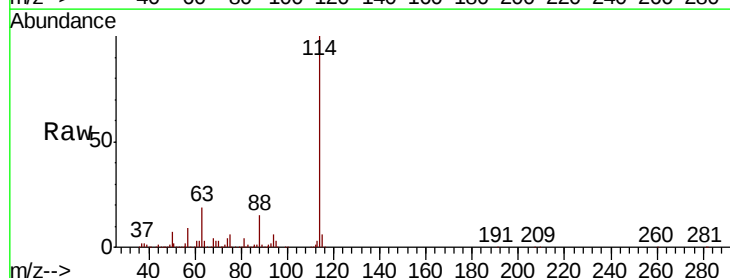
Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-1B

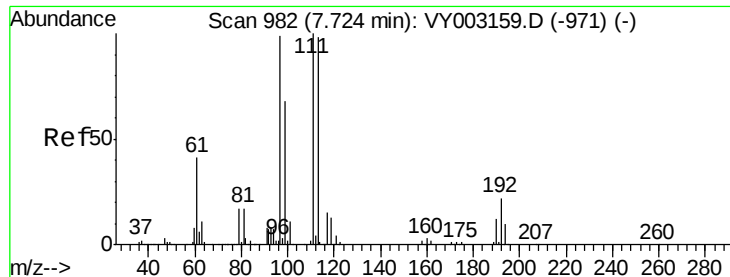
Tot Ion: 65 Resp: 207855
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003290.D
 Acq: 22 Jul 2020 15:57

Tgt Ion: 114 Resp: 640572
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 41.2
 88 15.2 0.0 30.2

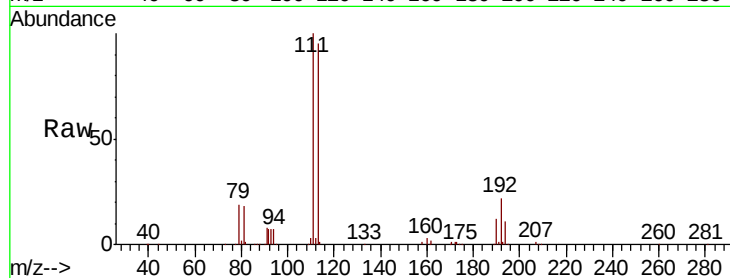




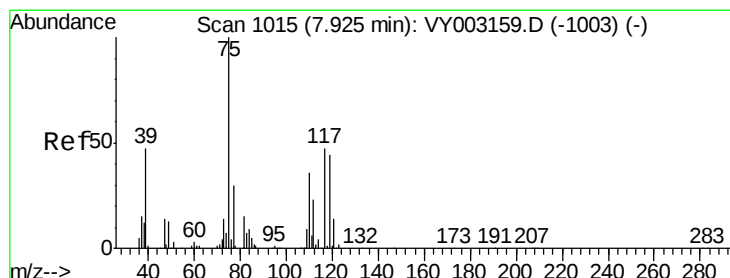
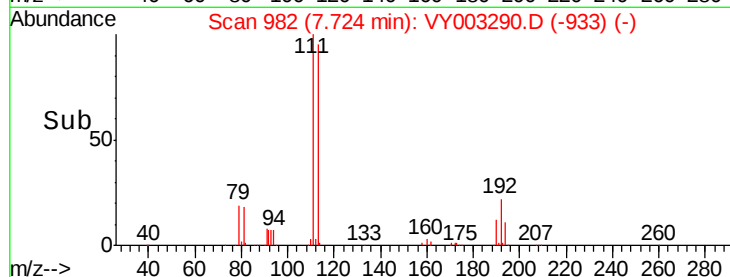
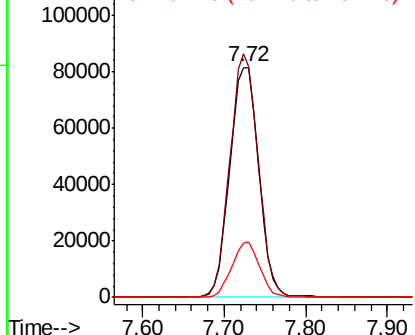
#35
 Dibromofluoromethane
 Concen: 54.234 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003290.D
 Acq: 22 Jul 2020 15:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-1B

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.1	123.1
192	23.1	18.8	28.2

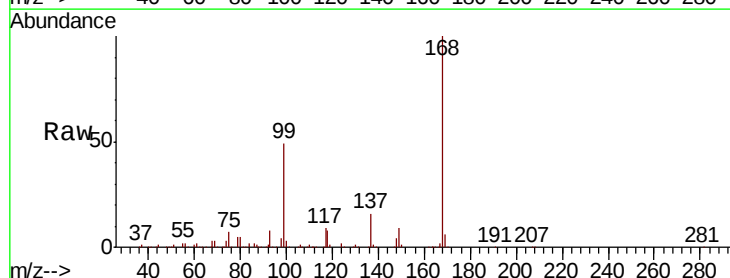


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

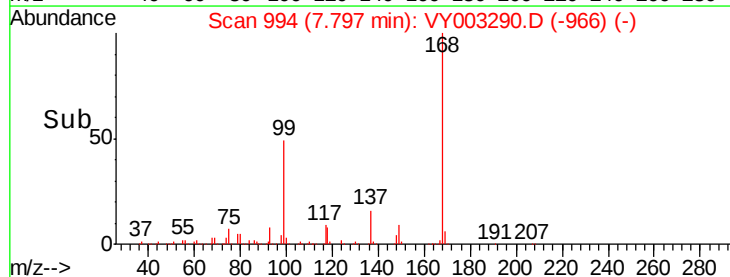
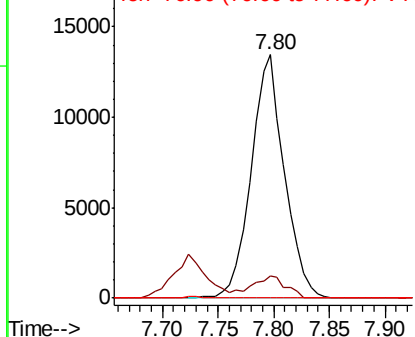


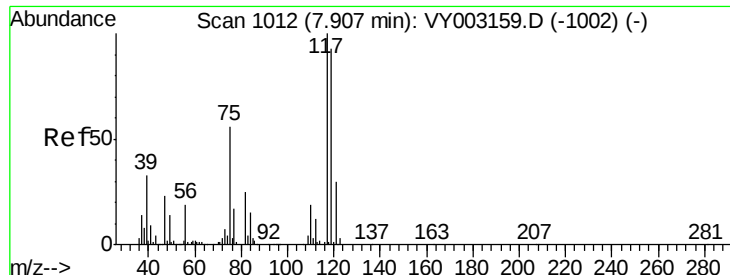
#36
 1,1-Dichloropropene
 Concen: 4.796 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003290.D
 Acq: 22 Jul 2020 15:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	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: 6.218 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003290.D

Acq: 22 Jul 2020 15:57

Instrument :

MSVOA_Y

ClientSampleId :

SAMPLE-1B

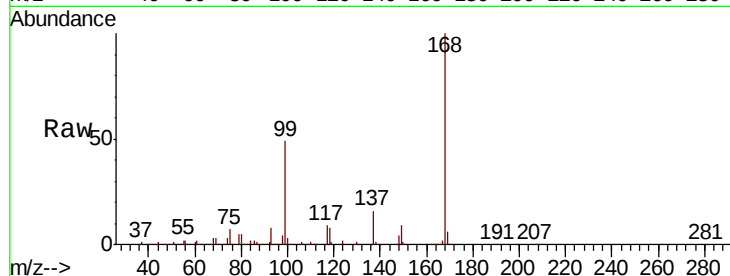
Tot Ion:117 Resp: 37268

Ion Ratio Lower Upper

117 100

119 6.0 74.5 111.7#

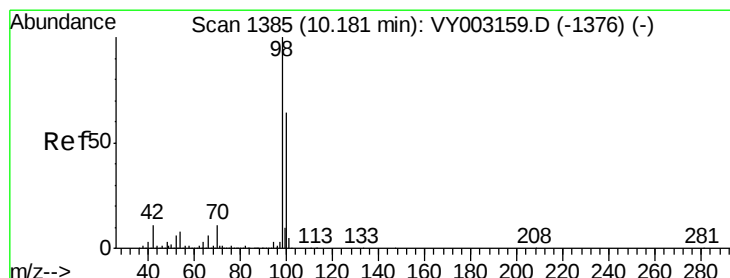
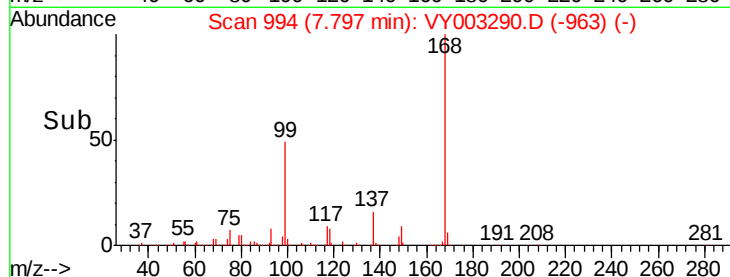
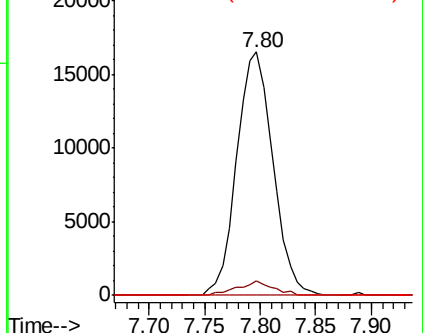
121 0.0 24.2 36.2#



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: 57.171 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003290.D

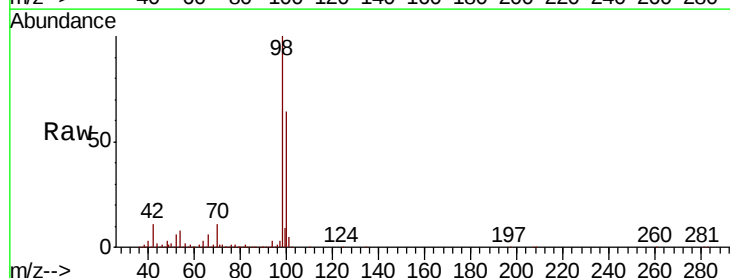
Acq: 22 Jul 2020 15:57

Tgt Ion: 98 Resp: 783545

Ion Ratio Lower Upper

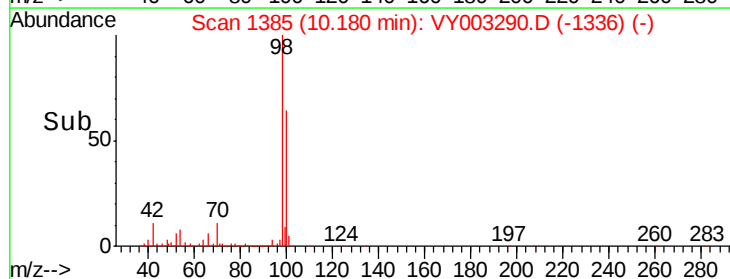
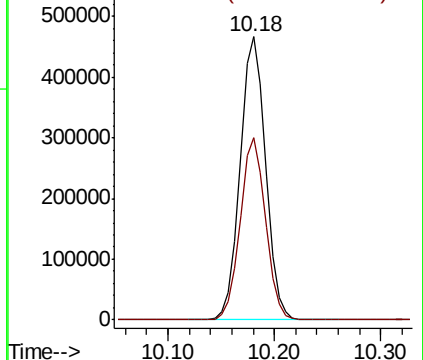
98 100

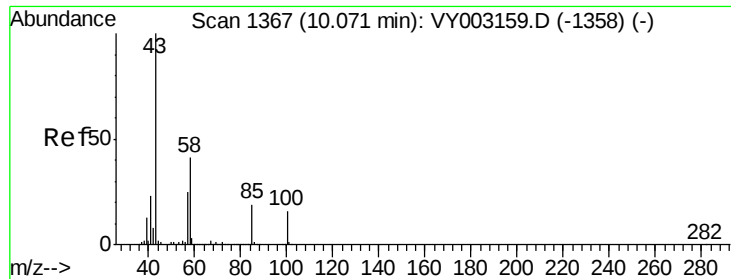
100 63.9 50.7 76.1



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: 1.013 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. 0.10 min

Lab File: VY003290.D

Acq: 22 Jul 2020 15:57

Instrument :

MSVOA_Y

ClientSampleId :

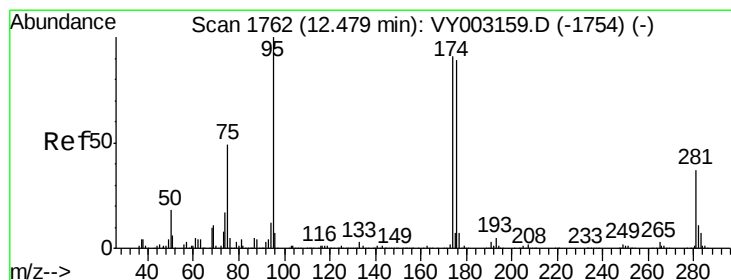
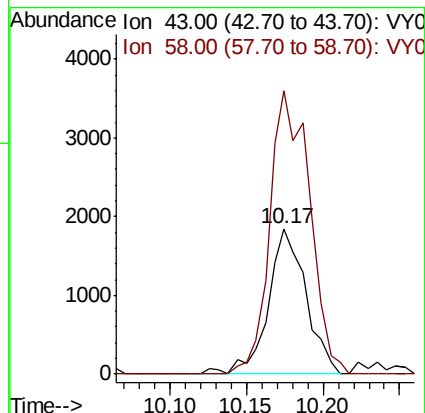
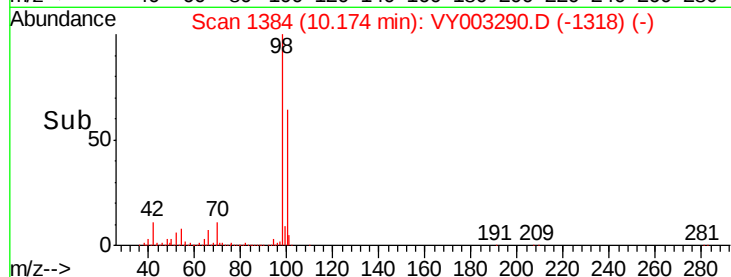
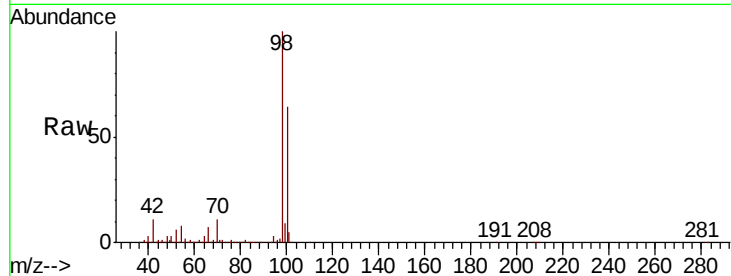
SAMPLE-1B

Tot Ion: 43 Resp: 3185

Ion Ratio Lower Upper

43 100

58 204.8 32.7 49.1#



#62

4-Bromofluorobenzene

Concen: 51.032 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003290.D

Acq: 22 Jul 2020 15:57

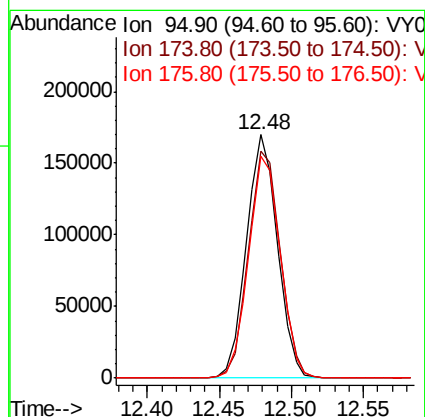
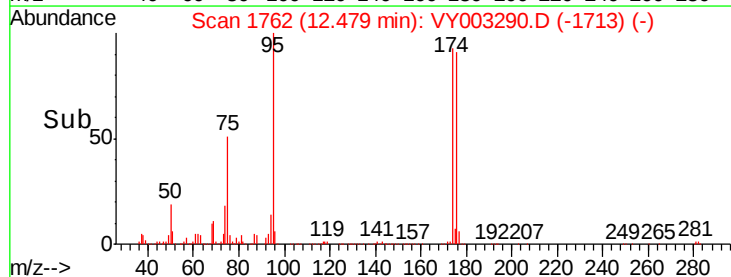
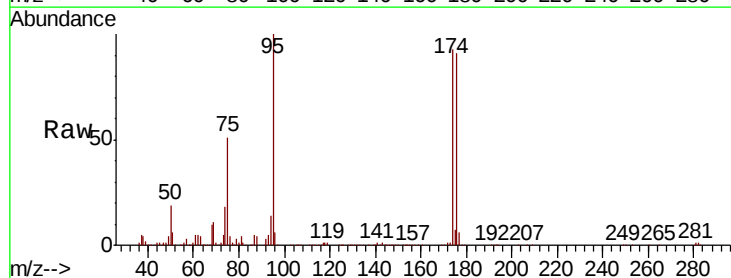
Tgt Ion: 95 Resp: 252665

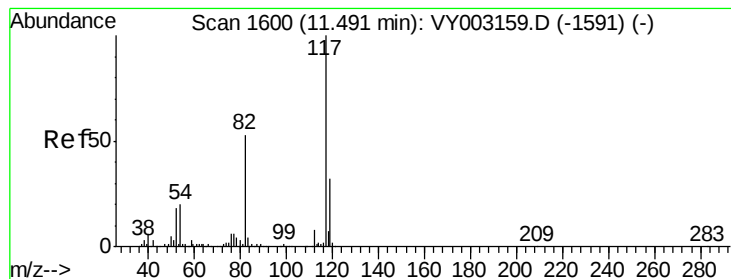
Ion Ratio Lower Upper

95 100

174 96.0 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: VY003290.D

Acq: 22 Jul 2020 15:57

Instrument :

MSVOA_Y

ClientSampleId :

SAMPLE-1B

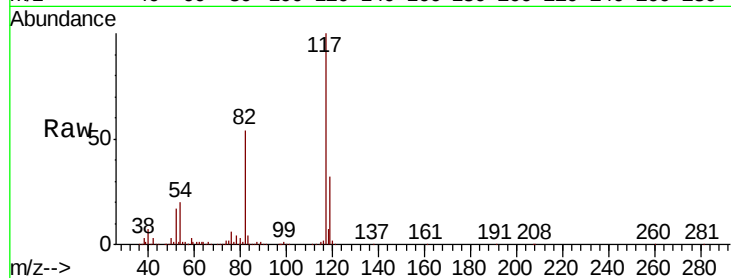
Tot Ion:117 Resp: 592388

Ion Ratio Lower Upper

117 100

82 54.5 42.0 63.0

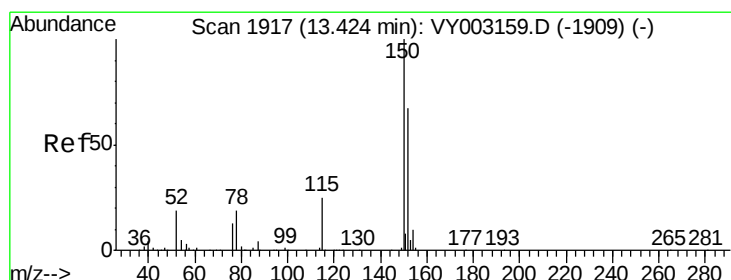
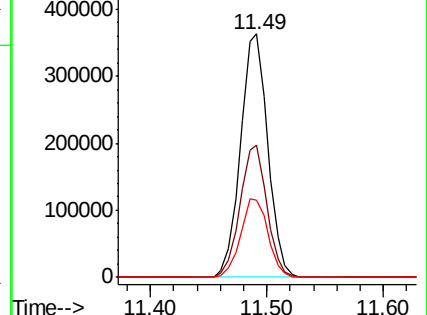
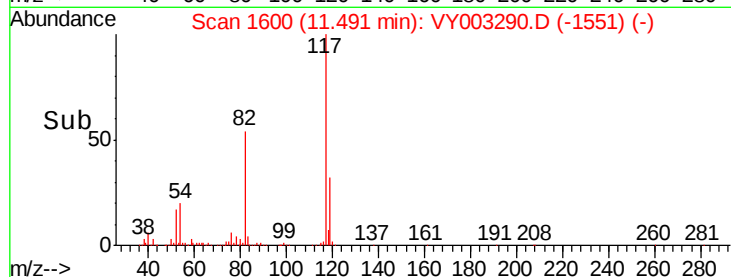
119 31.6 25.5 38.3



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: VY003290.D

Acq: 22 Jul 2020 15:57

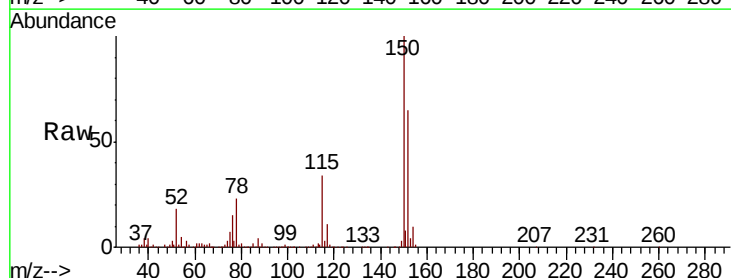
Tgt Ion:152 Resp: 294203

Ion Ratio Lower Upper

152 100

115 53.8 26.9 80.7

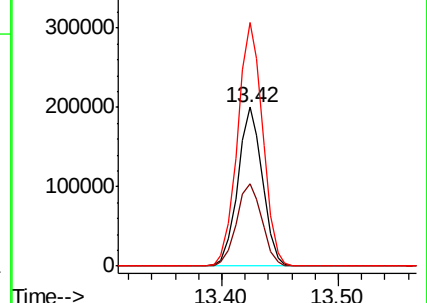
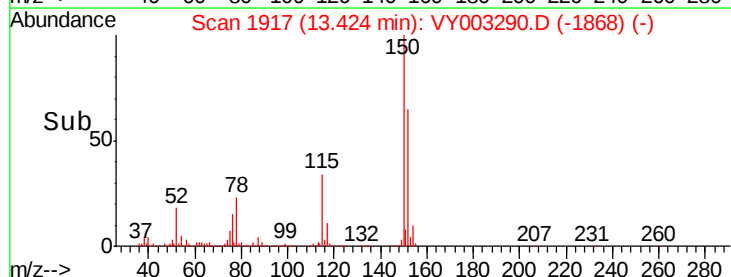
150 156.7 0.0 338.0

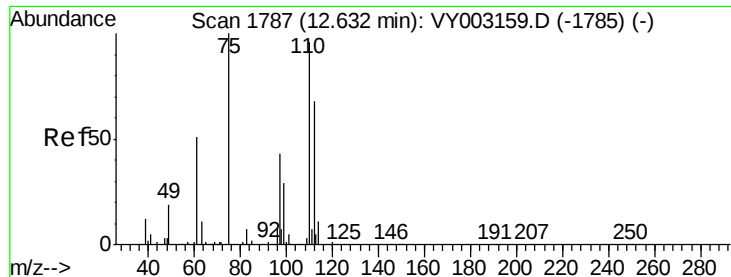


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 49.328 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003290.D

Acq: 22 Jul 2020 15:57

Instrument :

MSVOA_Y

ClientSampleId :

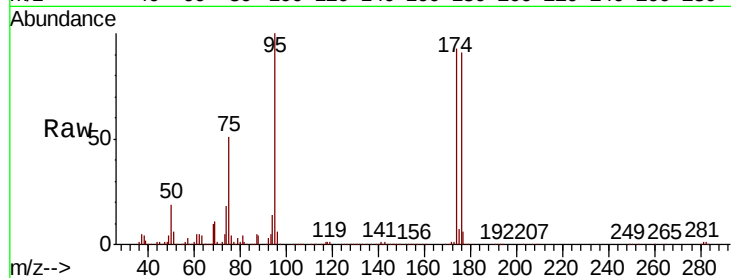
SAMPLE-1B

Tot Ion: 75 Resp: 128461

Ion Ratio Lower Upper

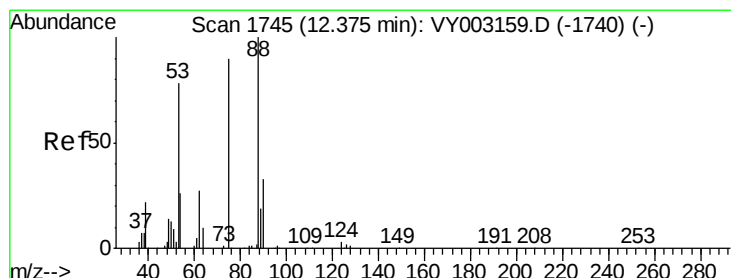
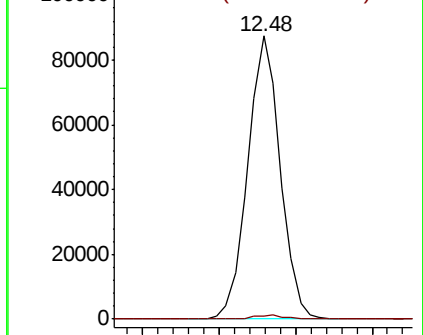
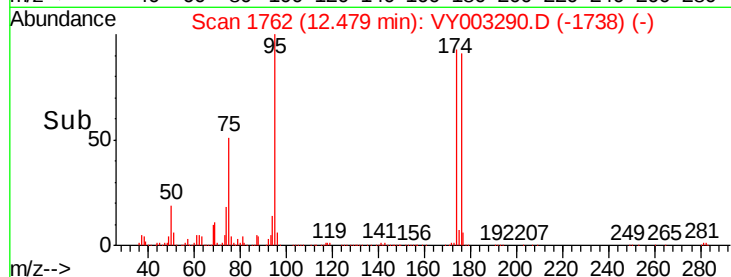
75 100

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: 96.002 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

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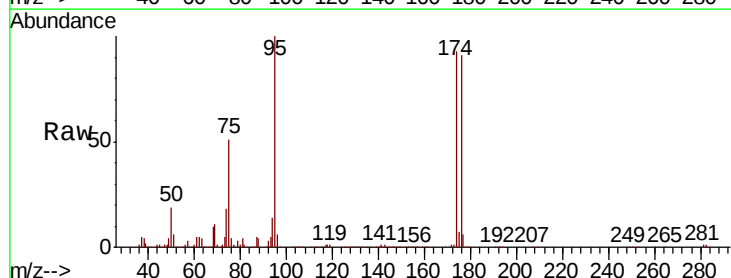
Tgt Ion: 75 Resp: 128461

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

