

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060920\
 Data File : VY002868.D
 Acq On : 09 Jun 2020 12:57
 Operator : SY/MD
 Sample : L2946-05RE
 Misc : 5.34G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CUTTINGSRE

Quant Time: Jun 10 05:11:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

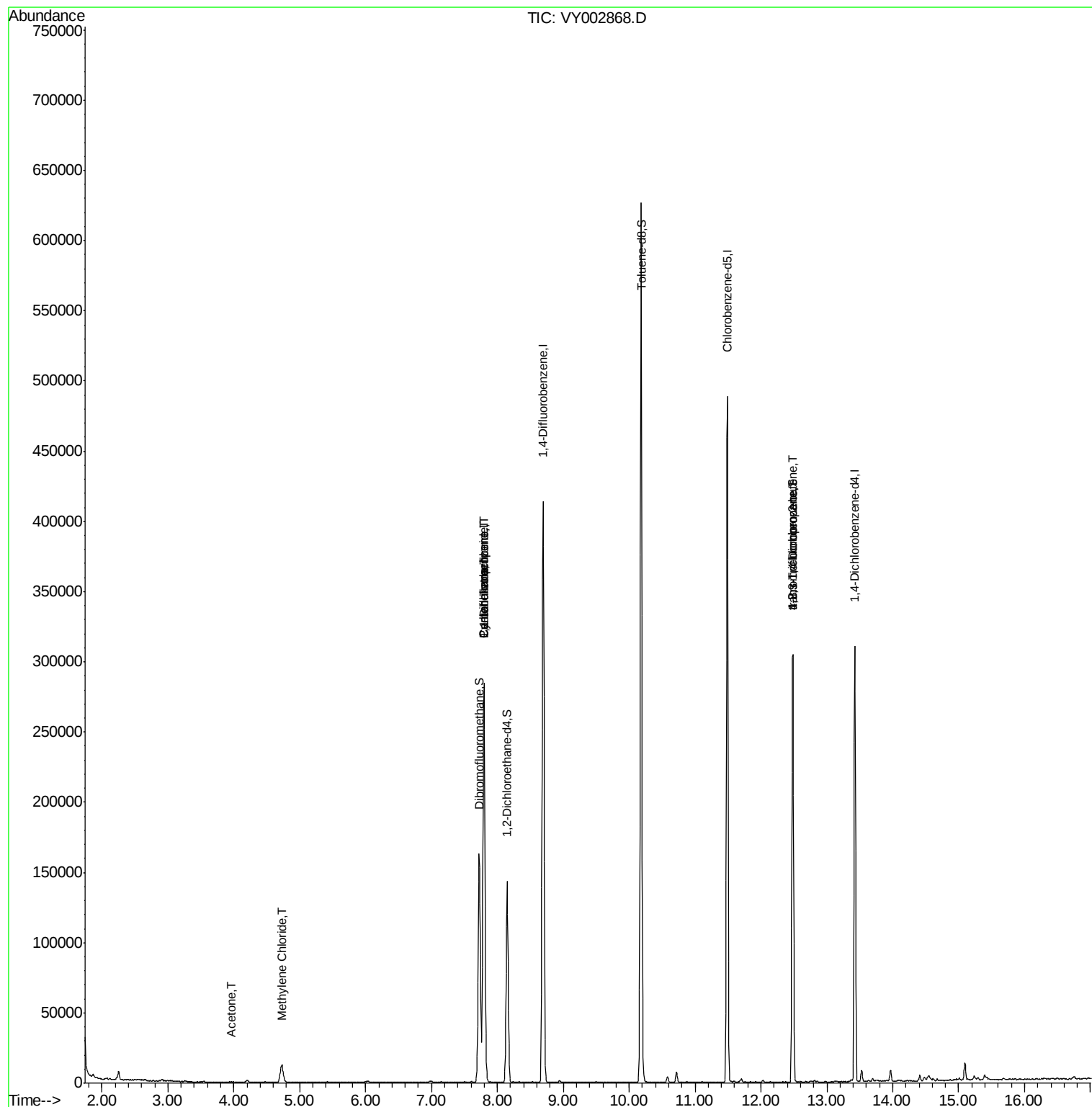
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	238069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	375661	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	286039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	84434	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	110997	53.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.40%	
35) Dibromofluoromethane	7.72	113	114637	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
50) Toluene-d8	10.18	98	424767	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
62) 4-Bromofluorobenzene	12.48	95	93829	30.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.68%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	671	1.384	ug/l #	72
18) Methyl Acetate	4.49	43	666	Below Cal	#	54
20) Methylene Chloride	4.73	84	10507	4.436	ug/l	89
31) Cyclohexane	7.80	56	3539	1.009	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	14709	4.648	ug/l #	49
38) Carbon Tetrachloride	7.80	117	21581	6.139	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	44719	58.778	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	44719	110.738	ug/l #	17

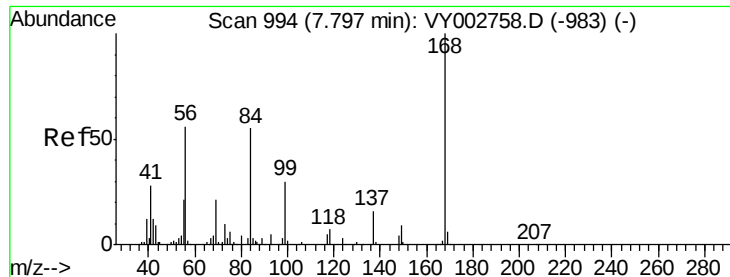
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 10 05:11:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 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: VY002868.D

Acq: 09 Jun 2020 12:57

Instrument :

MSVOA_Y

ClientSampleId :

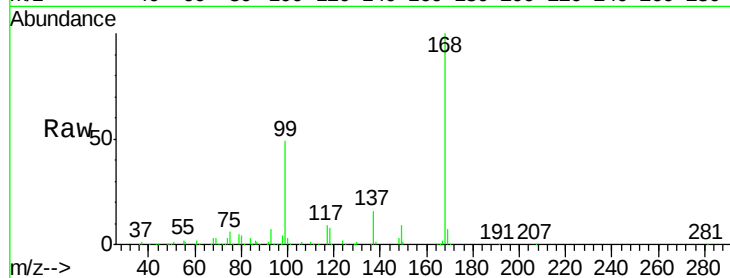
CUTTINGSRE

Tot Ion:168 Resp: 238069

Ion Ratio Lower Upper

168 100

99 48.9 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002868.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002868.D (-945) (-)

7.80

120000

100000

80000

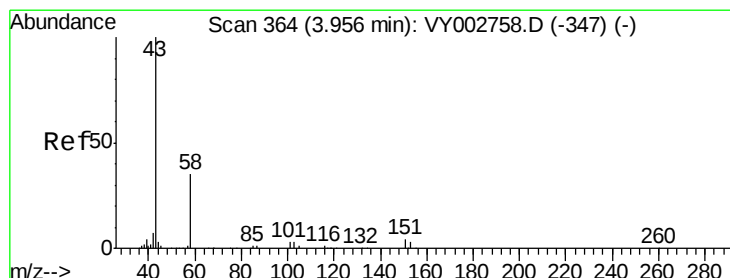
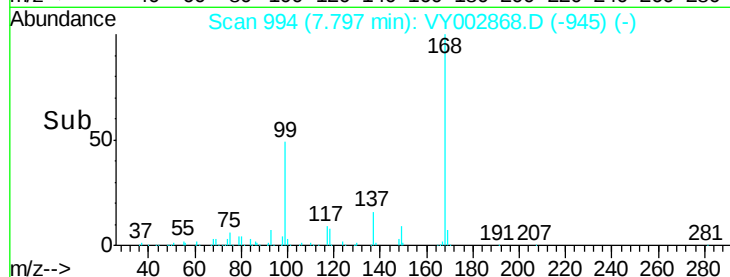
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 1.384 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY002868.D

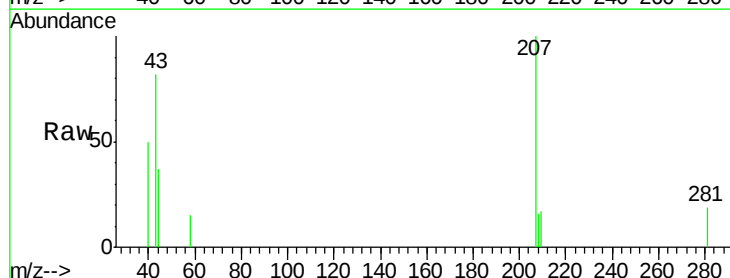
Acq: 09 Jun 2020 12:57

Tgt Ion: 43 Resp: 671

Ion Ratio Lower Upper

43 100

58 18.3 27.7 41.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002868.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY002868.D (-315) (-)

3.96

400

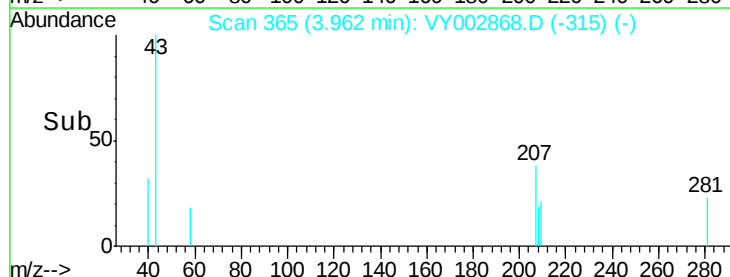
300

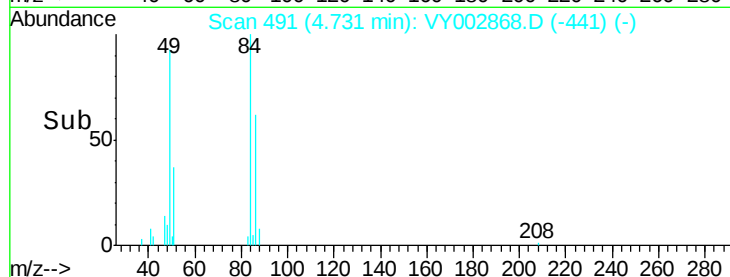
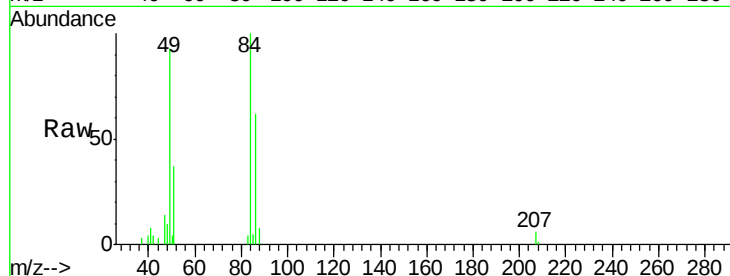
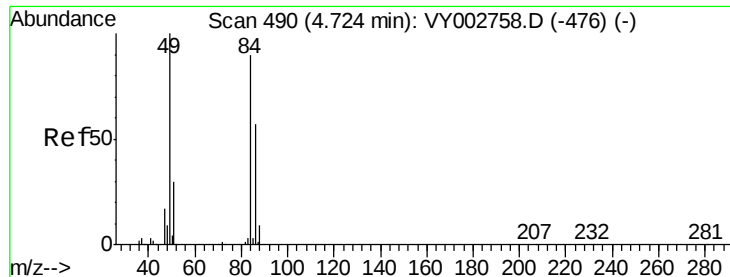
200

100

0

Time-->

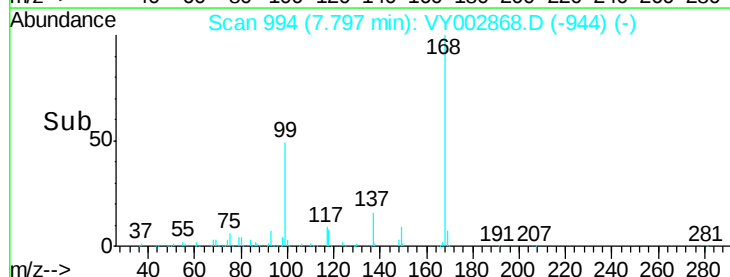
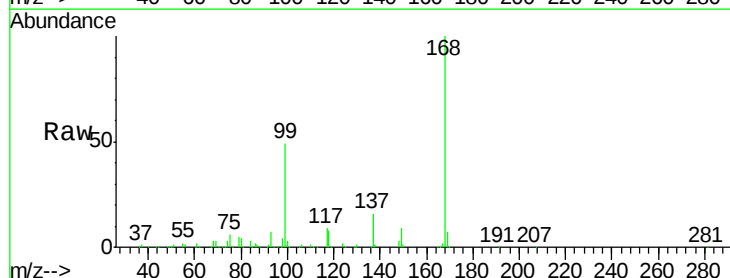
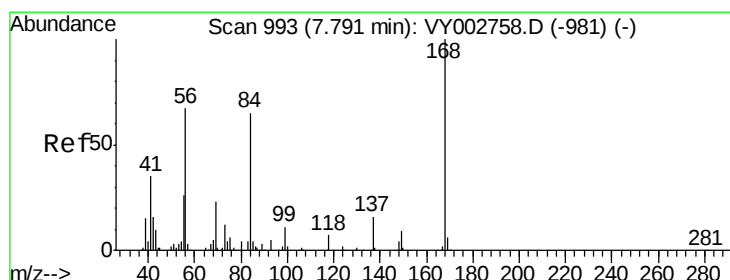
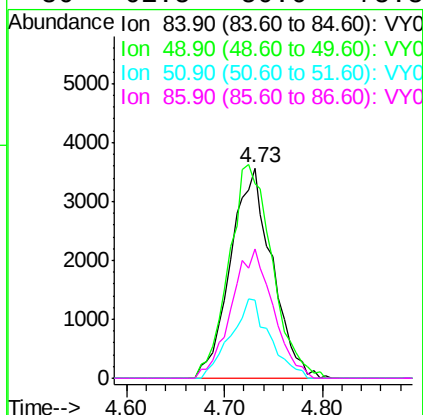




#20
Methvlene Chloride
Concen: 4.436 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY002868.D
Acq: 09 Jun 2020 12:57

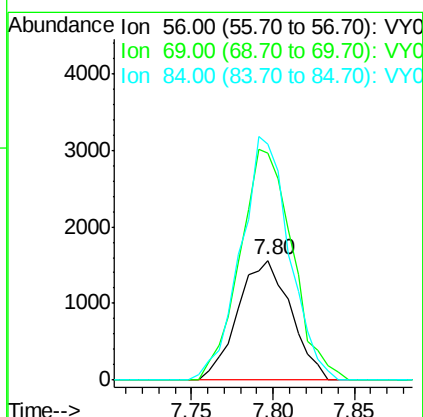
Instrument :
MSVOA_Y
ClientSampleId :
CUTTINGSRE

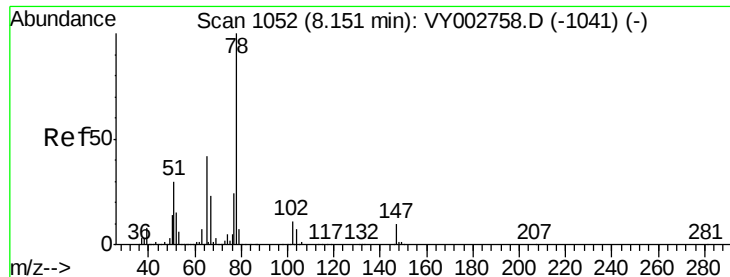
Tot Ion:	84	Resp:	10507
Ion	Ratio	Lower	Upper
84	100		
49	92.5	88.5	132.7
51	36.9	26.8	40.2
86	61.5	50.6	75.8



#31
Cyclohexane
Concen: 1.009 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY002868.D
Acq: 09 Jun 2020 12:57

Tgt Ion:	56	Resp:	3539
Ion	Ratio	Lower	Upper
56	100		
69	189.3	28.0	42.0#
84	202.6	77.7	116.5#

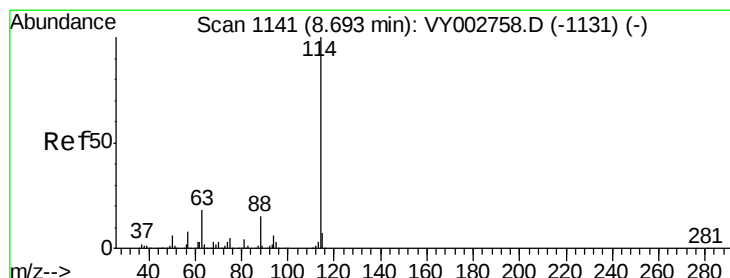
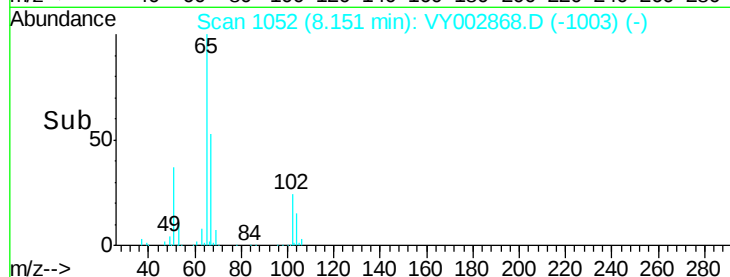
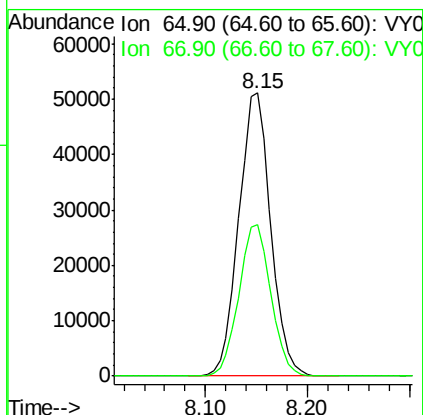
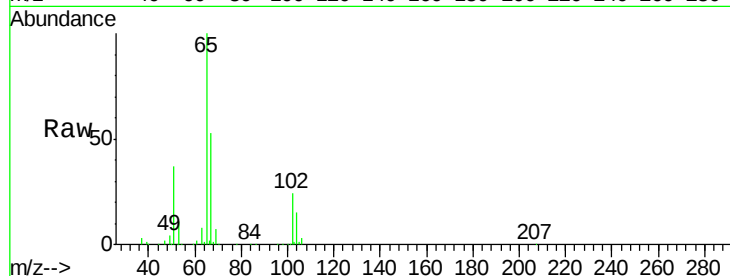




#33
 1,2-Dichloroethane-d4
 Concen: 53.697 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002868.D
 Acq: 09 Jun 2020 12:57

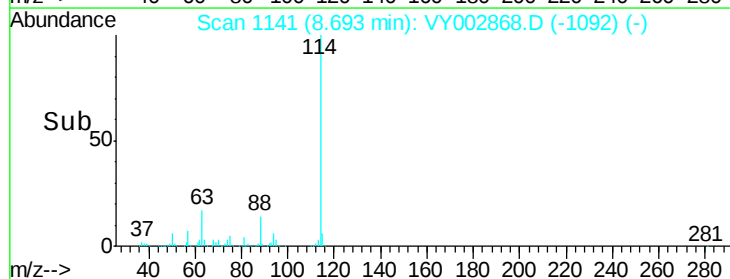
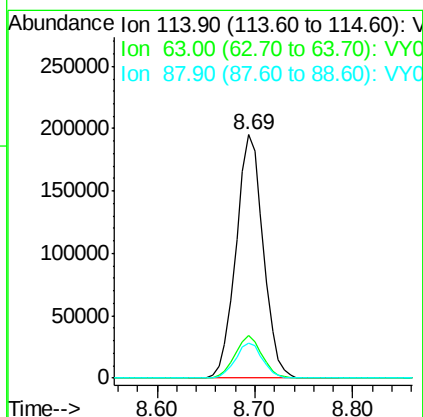
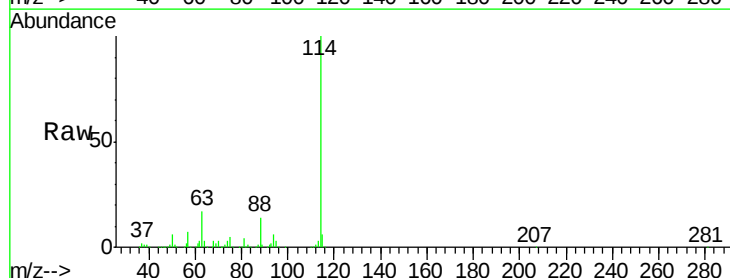
Instrument :
 MSVOA_Y
 ClientSampleId :
 CUTTINGSRE

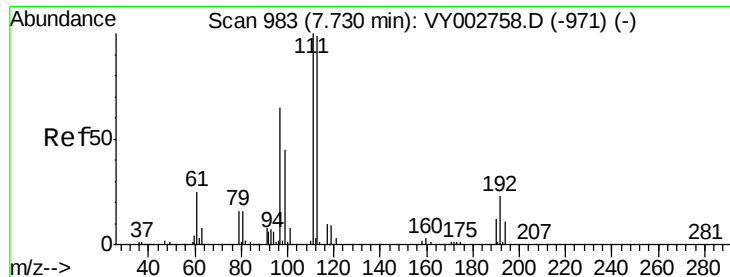
Tot Ion: 65 Resp: 110997
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002868.D
 Acq: 09 Jun 2020 12:57

Tgt Ion: 114 Resp: 375661
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.2
 88 14.3 0.0 29.2

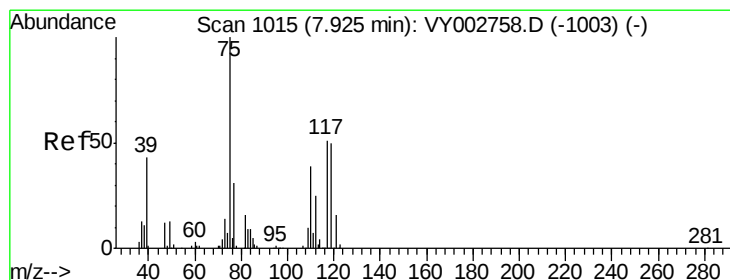
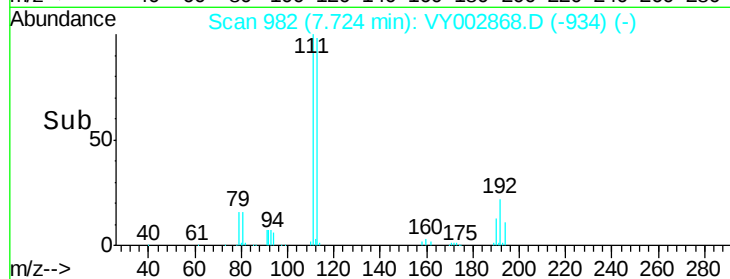
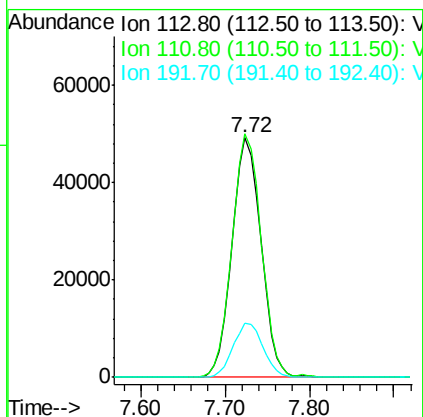
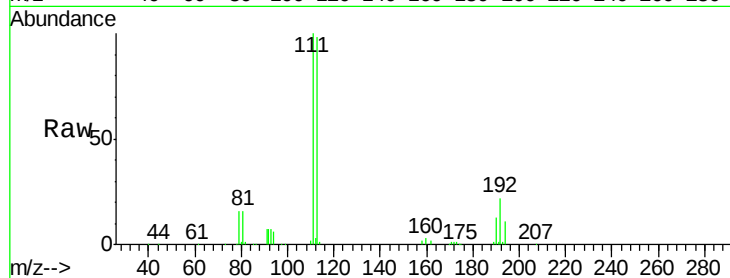




#35
 Dibromofluoromethane
 Concen: 52.071 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002868.D
 Acq: 09 Jun 2020 12:57

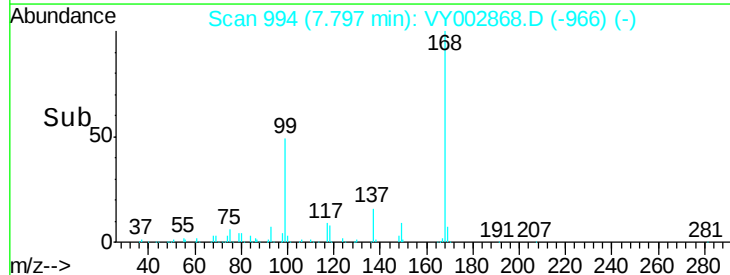
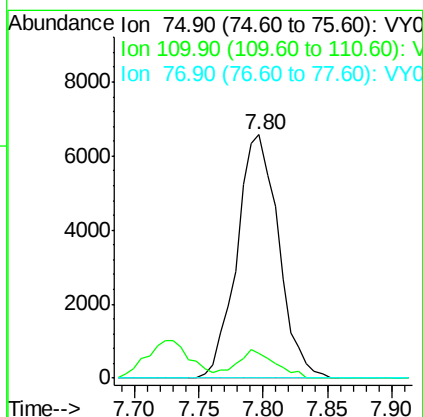
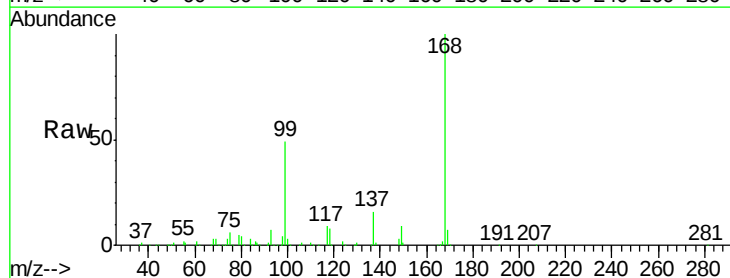
Instrument :
 MSVOA_Y
 ClientSampleId :
 CUTTINGSRE

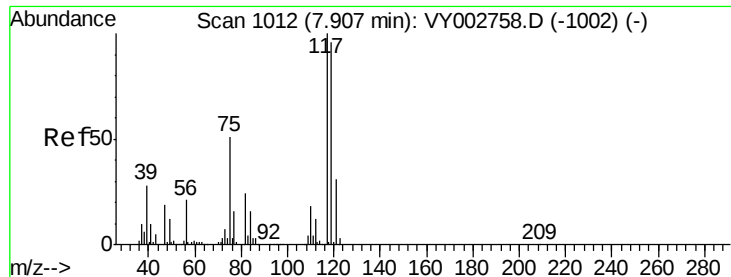
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.0	123.0
192	23.3	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 4.648 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002868.D
 Acq: 09 Jun 2020 12:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.8	19.3	57.9#
77	0.0	24.8	37.2#

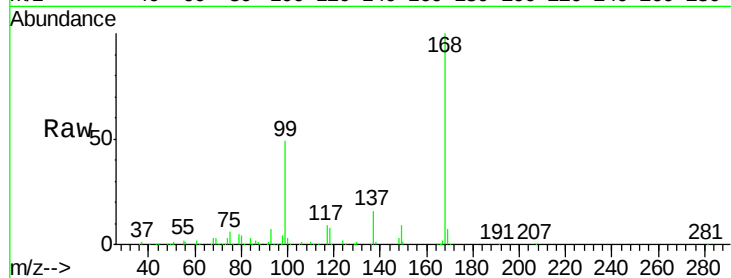




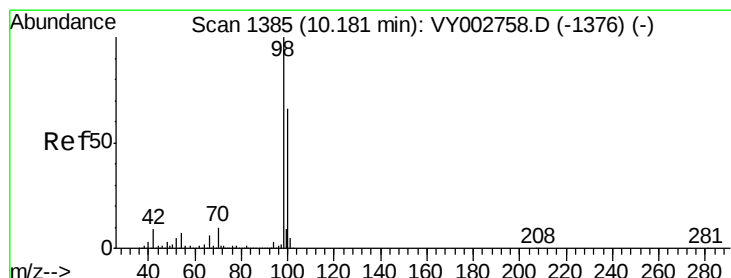
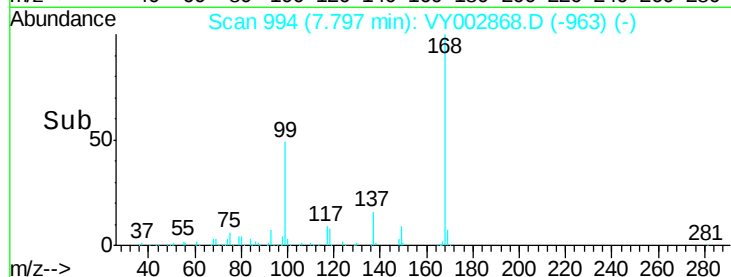
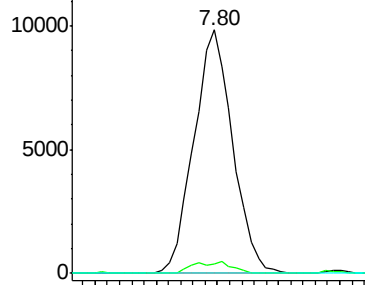
#38
Carbon Tetrachloride
Concen: 6.139 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY002868.D
Acq: 09 Jun 2020 12:57

Instrument :
MSVOA_Y
ClientSampled :
CUTTINGSRE

Tot Ion:117 Resp: 21581
Ion Ratio Lower Upper
117 100
119 3.7 76.8 115.2#
121 0.0 24.8 37.2#

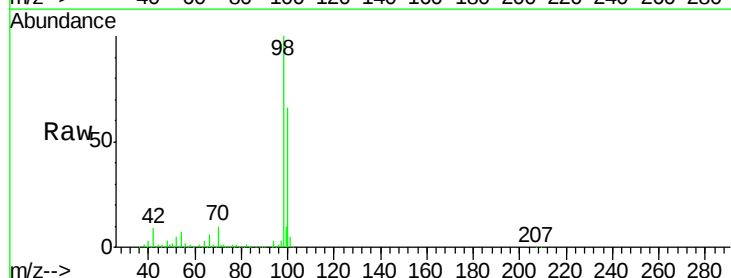


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

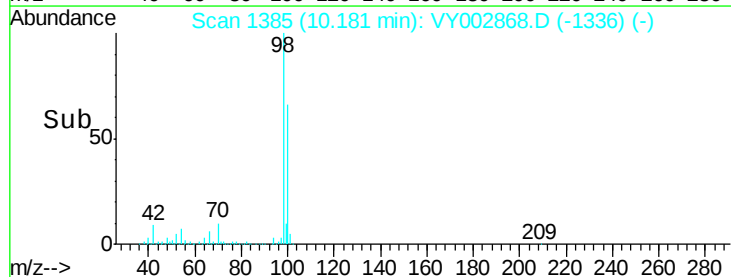
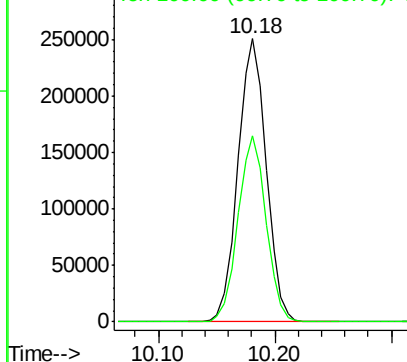


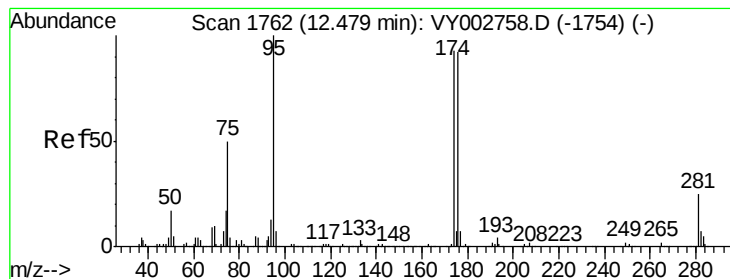
#50
Toluene-d8
Concen: 47.719 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002868.D
Acq: 09 Jun 2020 12:57

Tgt Ion: 98 Resp: 424767
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 30.844 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002868.D

Acq: 09 Jun 2020 12:57

Instrument :

MSVOA_Y

ClientSampleId :

CUTTINGSRE

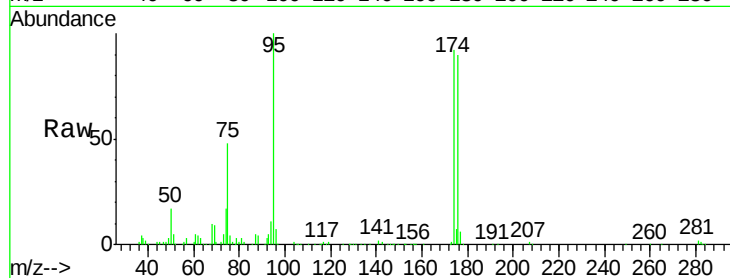
Tot Ion: 95 Resp: 93829

Ion Ratio Lower Upper

95 100

174 95.7 0.0 191.2

176 94.2 0.0 188.8



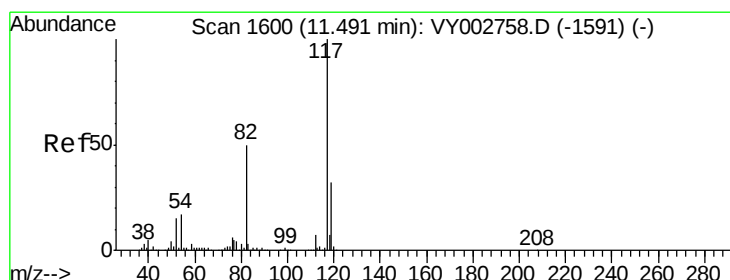
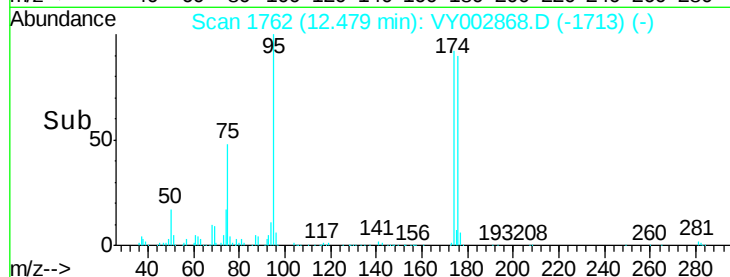
Abundance Ion 94.90 (94.60 to 95.60): VY002868.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY002868.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY002868.D (-1754) (-)

12.48

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY002868.D

Acq: 09 Jun 2020 12:57

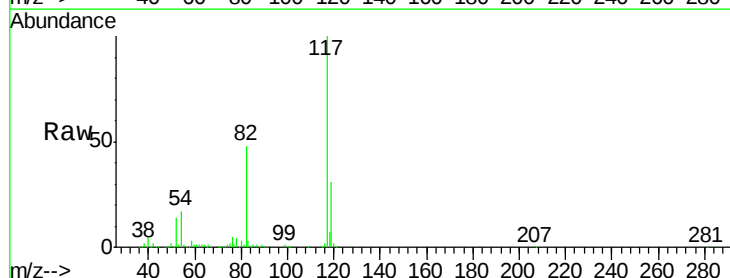
Tgt Ion: 117 Resp: 286039

Ion Ratio Lower Upper

117 100

82 47.5 40.2 60.4

119 30.7 25.8 38.8



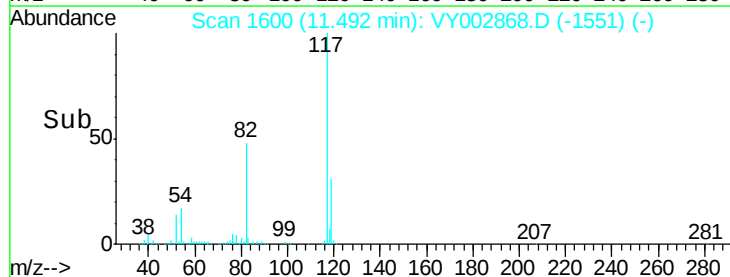
Abundance Ion 116.90 (116.60 to 117.60): VY002868.D (-1591) (-)

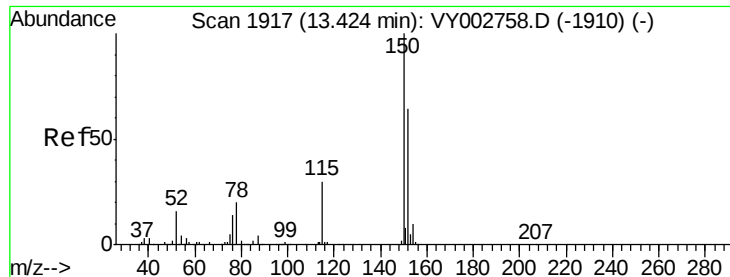
Ion 82.00 (81.70 to 82.70): VY002868.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY002868.D (-1591) (-)

11.49

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: VY002868.D

Acq: 09 Jun 2020 12:57

Instrument :

MSVOA_Y

ClientSampleId :

CUTTINGSRE

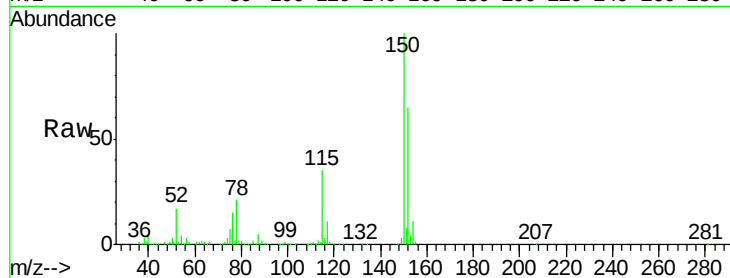
Tot Ion:152 Resp: 84434

Ion Ratio Lower Upper

152 100

115 53.5 27.0 81.0

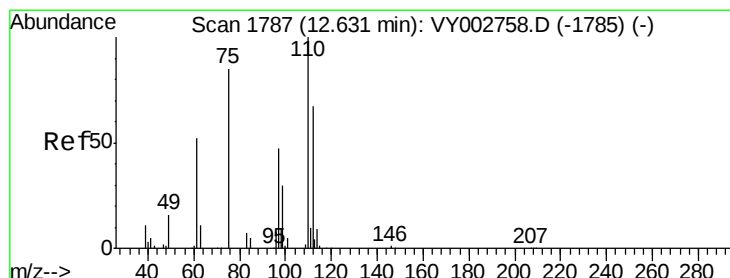
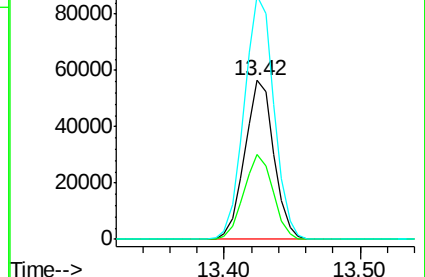
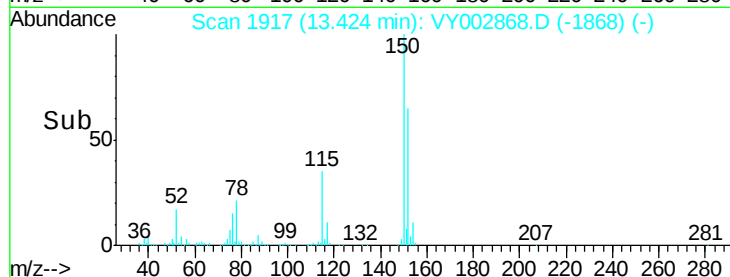
150 156.5 0.0 344.8



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: 58.778 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002868.D

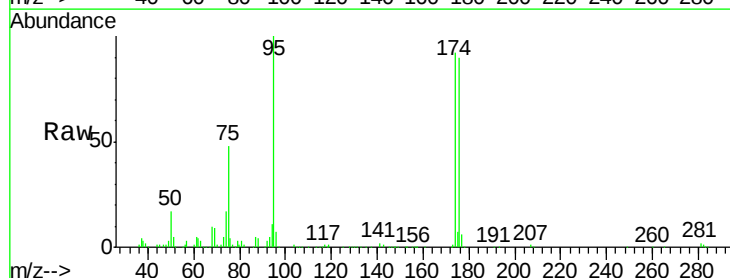
Acq: 09 Jun 2020 12:57

Tgt Ion: 75 Resp: 44719

Ion Ratio Lower Upper

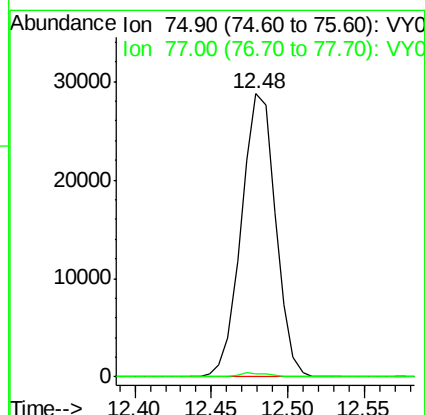
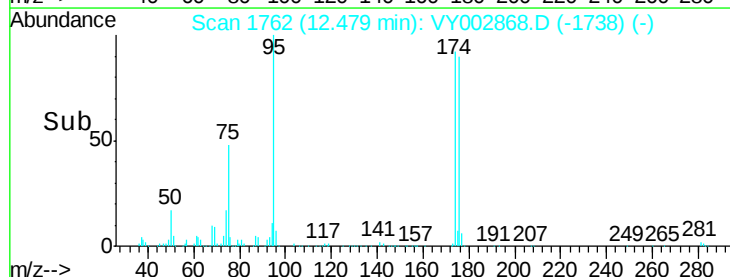
75 100

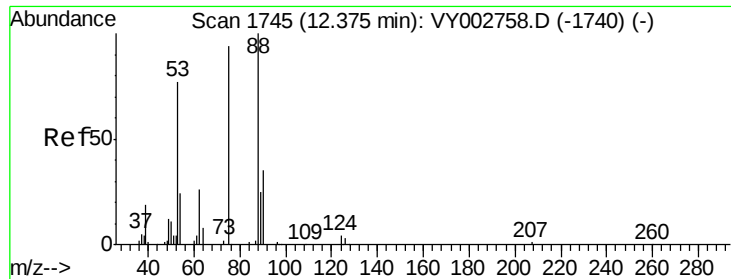
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 110.738 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002868.D

Acq: 09 Jun 2020 12:57

Instrument :

MSVOA_Y

ClientSampleId :

CUTTINGSRE

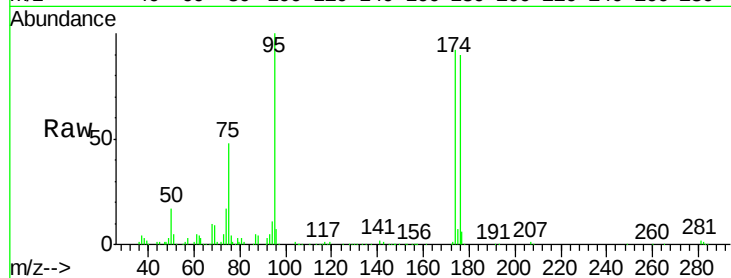
Tot Ion: 75 Resp: 44719

Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.1 37.4 56.2#



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

