

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050520\
 Data File : VY002596.D
 Acq On : 05 May 2020 18:50
 Operator : SY/MD
 Sample : L2483-16
 Misc : 7.19G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 06 03:22:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

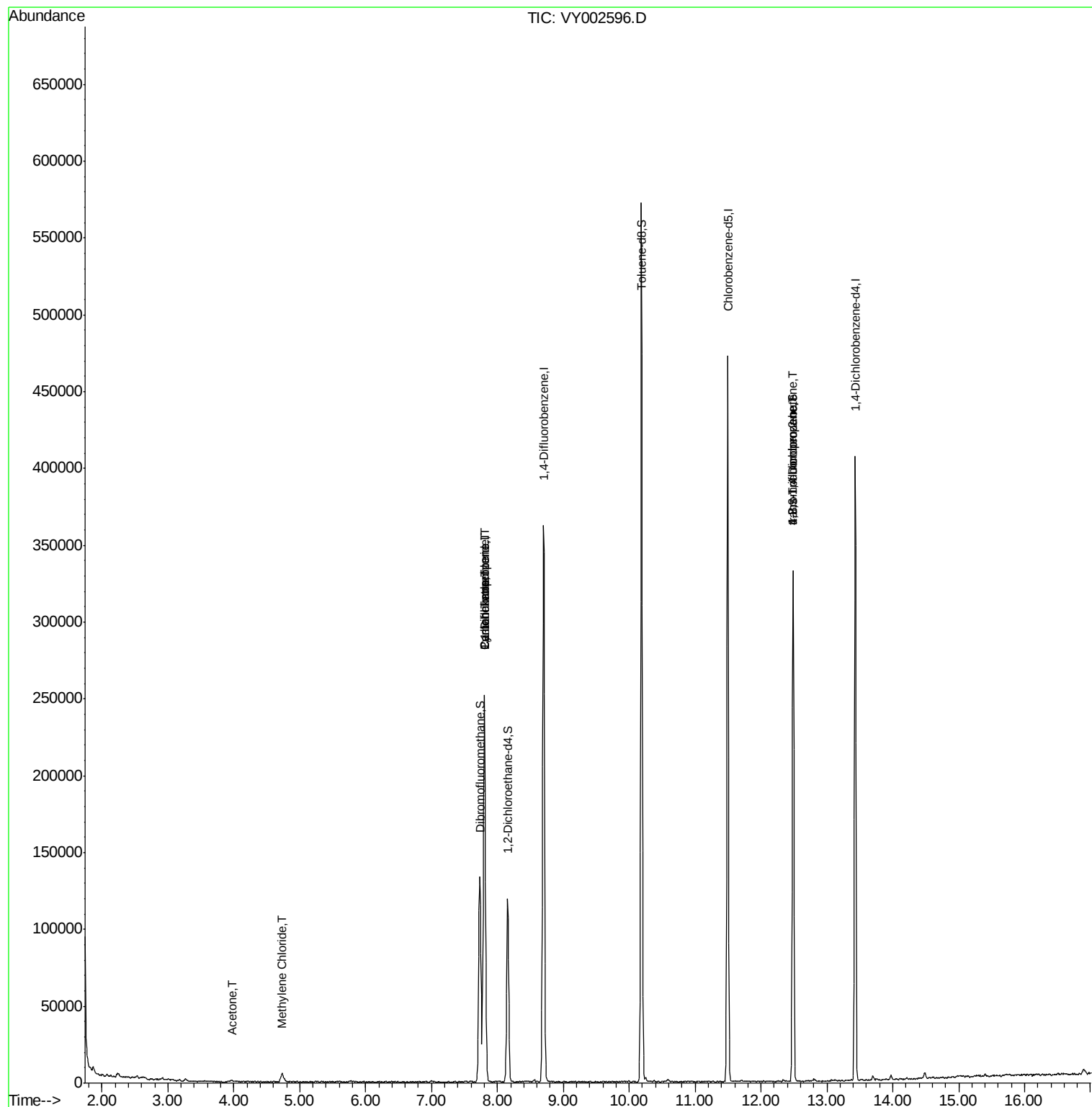
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	210848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	324904	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	271547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	107964	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	89449	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
35) Dibromofluoromethane	7.74	113	95296	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
50) Toluene-d8	10.19	98	375818	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
62) 4-Bromofluorobenzene	12.48	95	105231	42.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.48%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	1685	4.605	ug/l	95
20) Methylene Chloride	4.74	84	4370	2.136	ug/l	94
31) Cyclohexane	7.80	56	3261	1.023	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	13458	4.941	ug/l #	49
38) Carbon Tetrachloride	7.80	117	19248	6.473	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	51214	53.379	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	51214	107.035	ug/l #	15

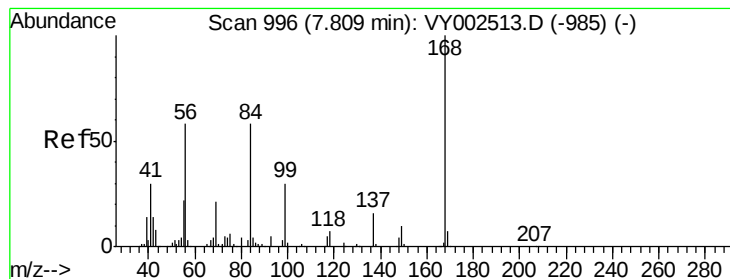
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002596.D

Acq: 05 May 2020 18:50

Instrument :

MSVOA_Y

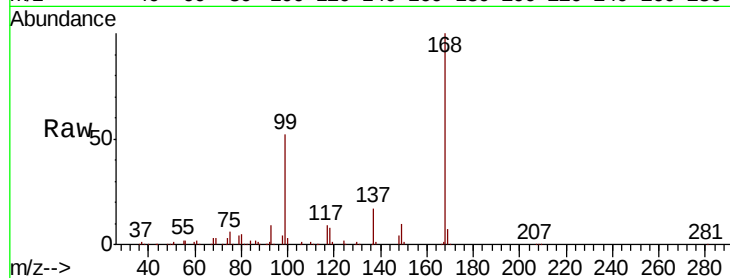
ClientSampleId :

Tot Ion:168 Resp: 210848

Ion Ratio Lower Upper

168 100

99 51.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.80

100000

80000

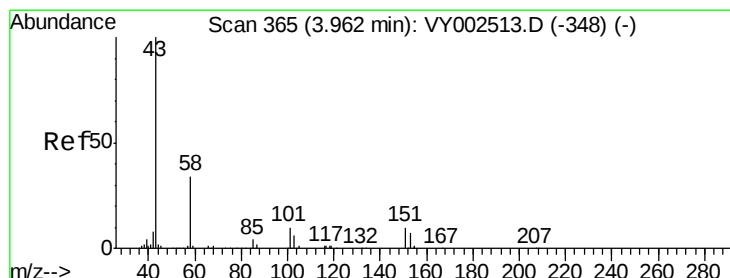
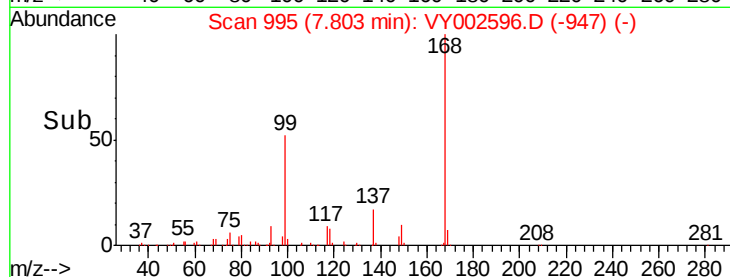
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 4.605 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.00 min

Lab File: VY002596.D

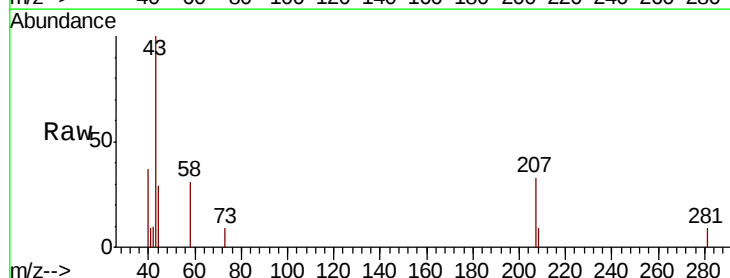
Acq: 05 May 2020 18:50

Tgt Ion: 43 Resp: 1685

Ion Ratio Lower Upper

43 100

58 30.8 26.9 40.3



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VY002513.D (-348) (-)

3.96

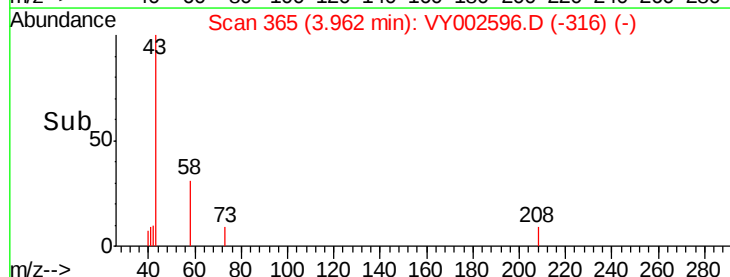
600

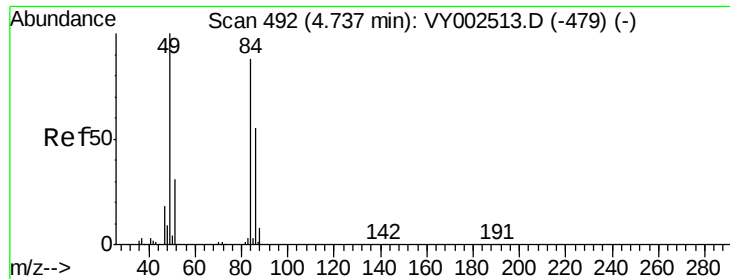
400

200

0

Time-->

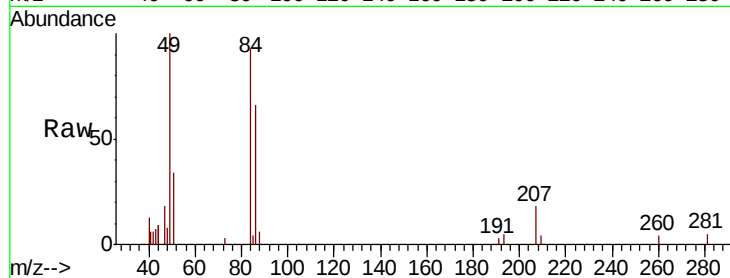




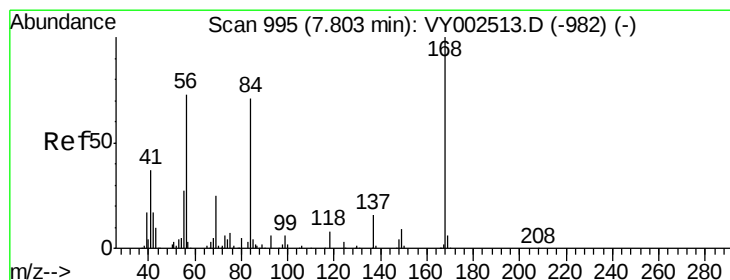
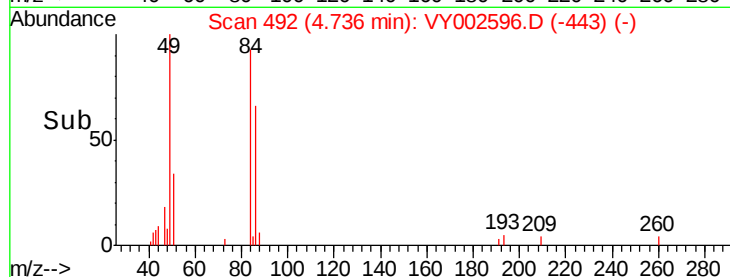
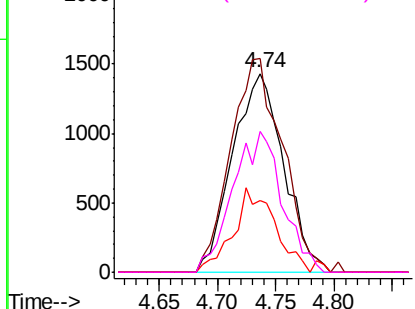
#20
Methvlene Chloride
Concen: 2.136 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.00 min
Lab File: VY002596.D
Acq: 05 May 2020 18:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	84	Resp:	4370
Ion	Ratio	Lower	Upper
84	100		
49	107.4	90.5	135.7
51	36.3	28.3	42.5
86	70.7	49.9	74.9

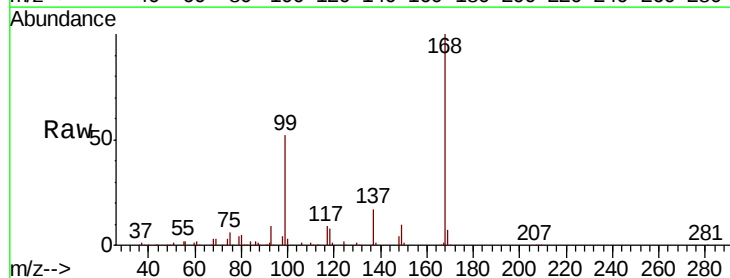


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

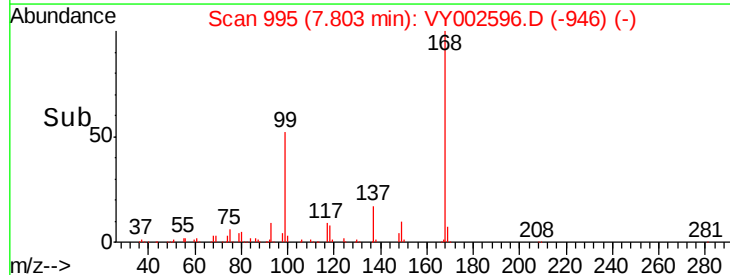
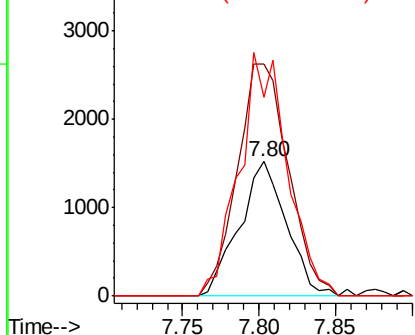


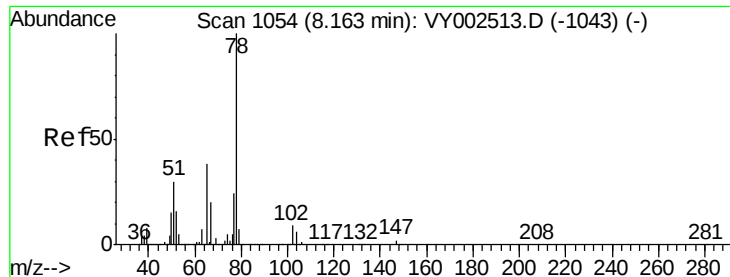
#31
Cyclohexane
Concen: 1.023 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY002596.D
Acq: 05 May 2020 18:50

Tgt Ion:	56	Resp:	3261
Ion	Ratio	Lower	Upper
56	100		
69	172.3	27.6	41.4#
84	148.3	77.7	116.5#



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0





#33

1,2-Dichloroethane-d4

Concen: 50.455 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002596.D

Acq: 05 May 2020 18:50

Instrument :

MSVOA_Y

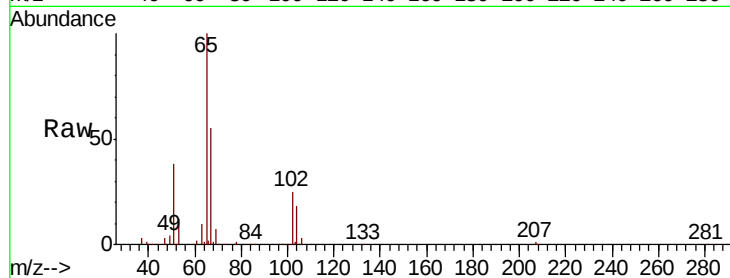
ClientSampleId :

Tot Ion: 65 Resp: 89449

Ion Ratio Lower Upper

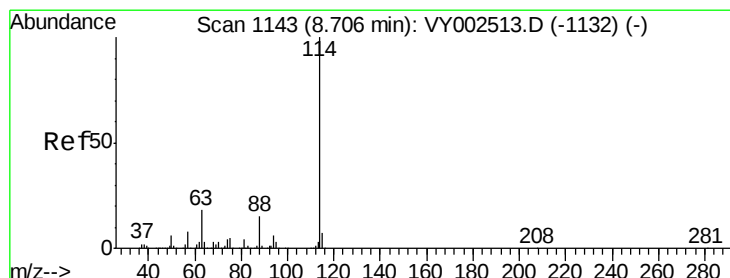
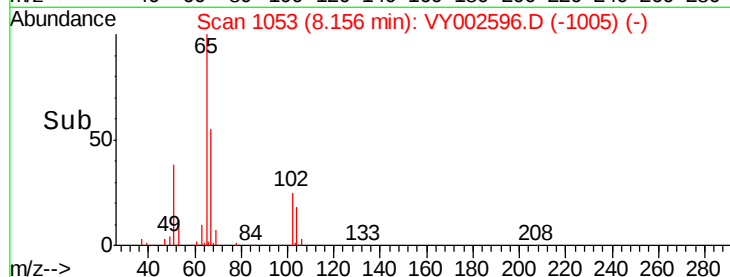
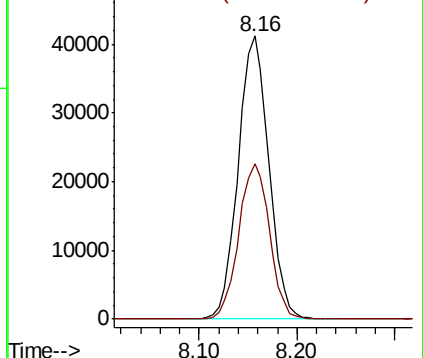
65 100

67 55.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002596.D

Acq: 05 May 2020 18:50

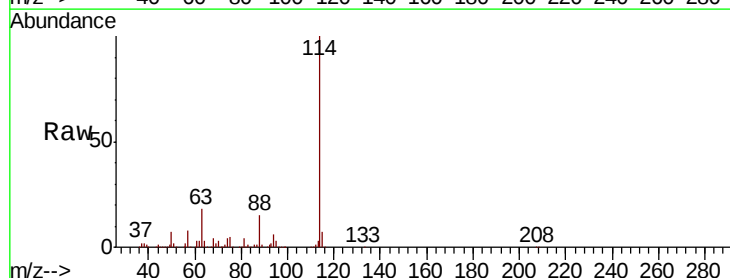
Tgt Ion: 114 Resp: 324904

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.4

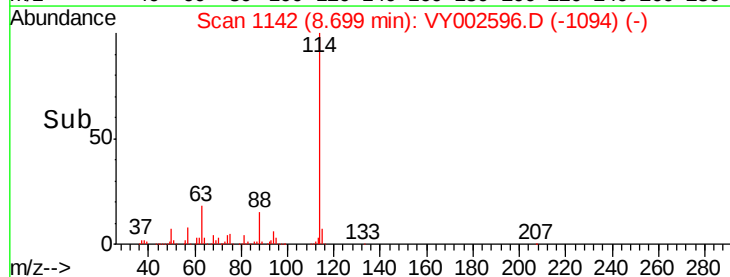
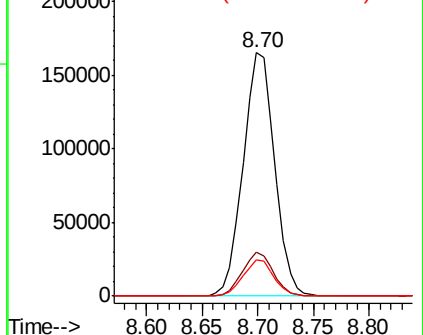
88 14.6 0.0 29.6

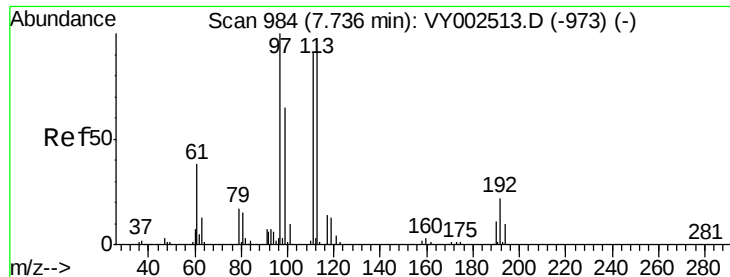


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

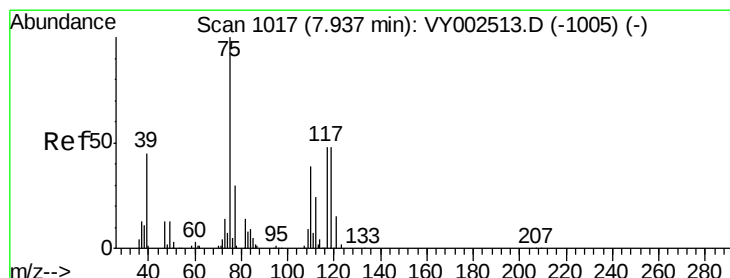
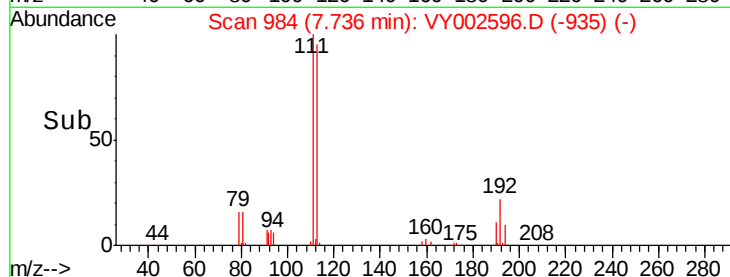
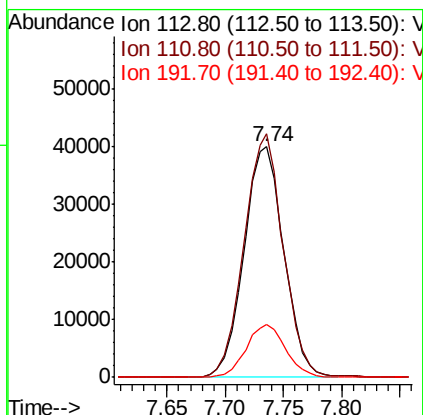
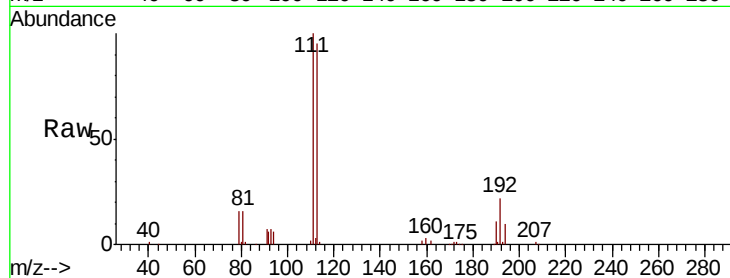




#35
 Dibromofluoromethane
 Concen: 51.286 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VY002596.D
 Acq: 05 May 2020 18:50

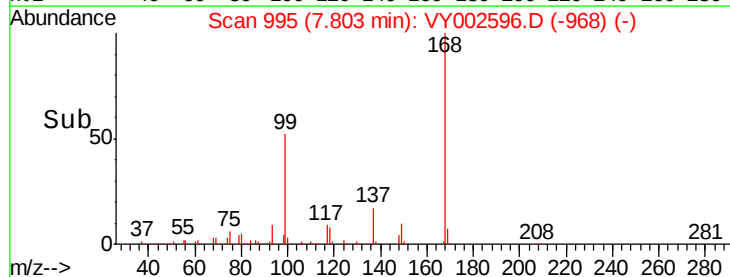
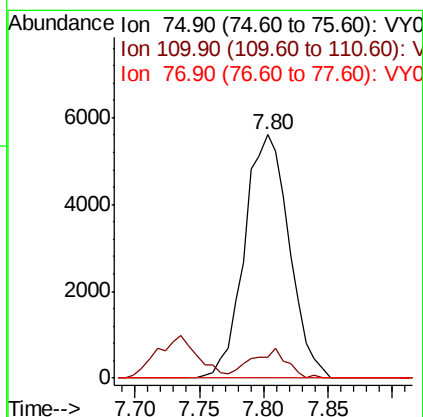
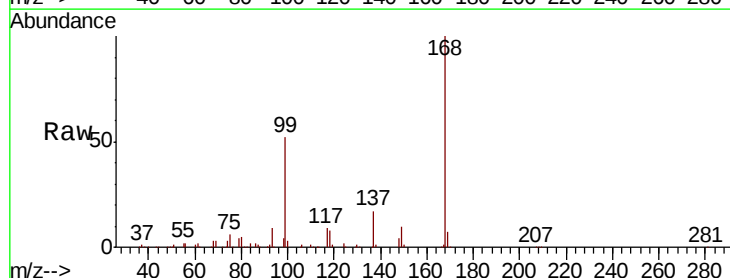
Instrument :
 MSVOA_Y
 ClientSampled :

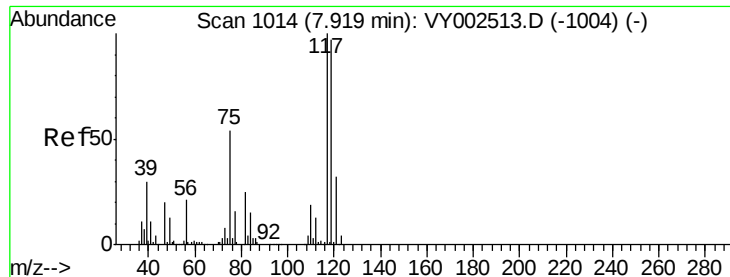
Tot Ion:113 Resp: 95296
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.8 122.6
 192 22.6 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 4.941 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002596.D
 Acq: 05 May 2020 18:50

Tgt Ion: 75 Resp: 13458
 Ion Ratio Lower Upper
 75 100
 110 9.6 19.1 57.3#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 6.473 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.12 min

Lab File: VY002596.D

Acq: 05 May 2020 18:50

Instrument :

MSVOA_Y

ClientSampleId :

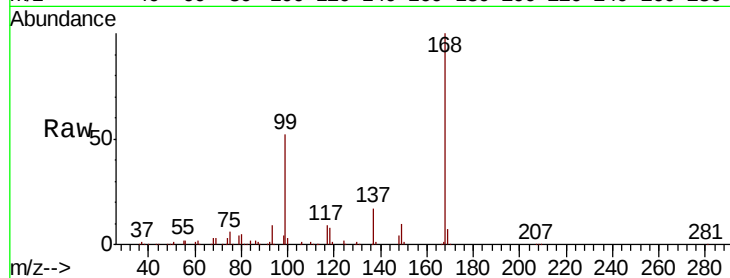
Tot Ion:117 Resp: 19248

Ion Ratio Lower Upper

117 100

119 5.9 77.1 115.7#

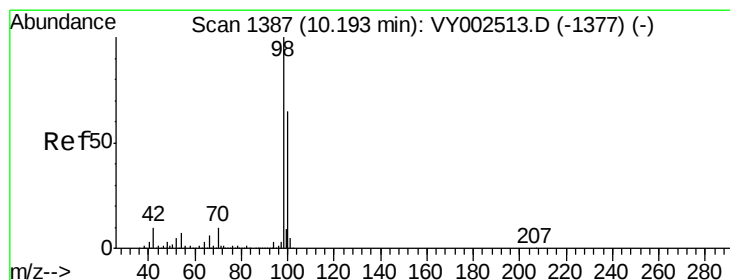
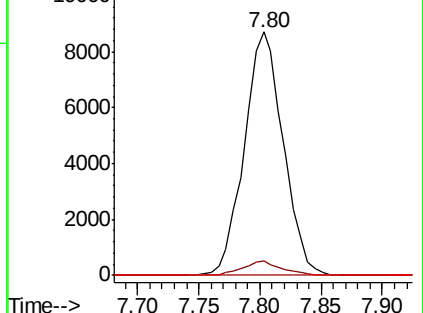
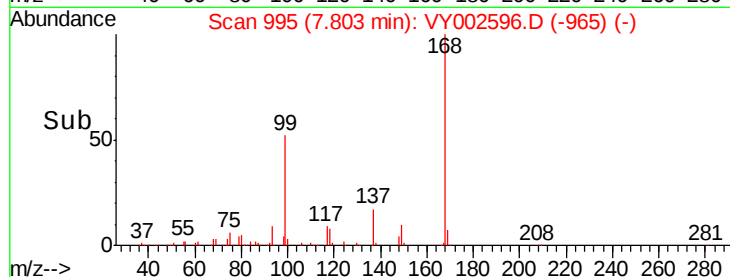
121 0.0 25.2 37.8#



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: 51.792 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002596.D

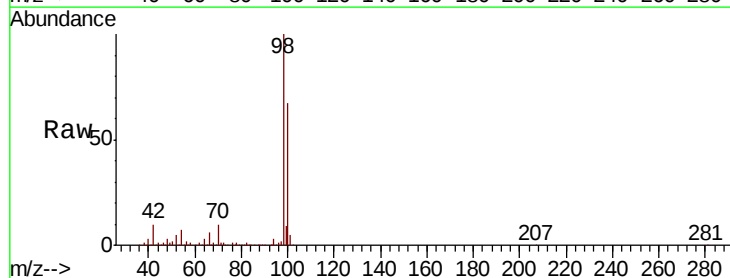
Acq: 05 May 2020 18:50

Tgt Ion: 98 Resp: 375818

Ion Ratio Lower Upper

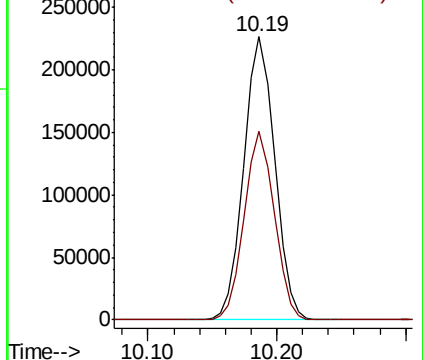
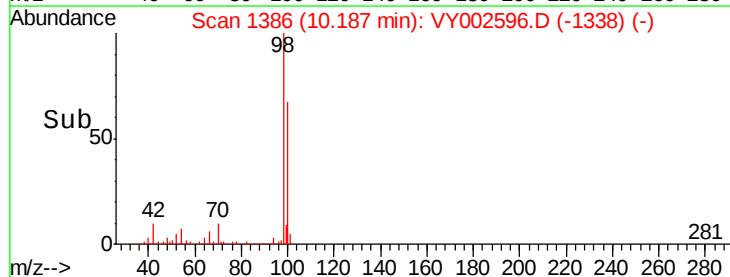
98 100

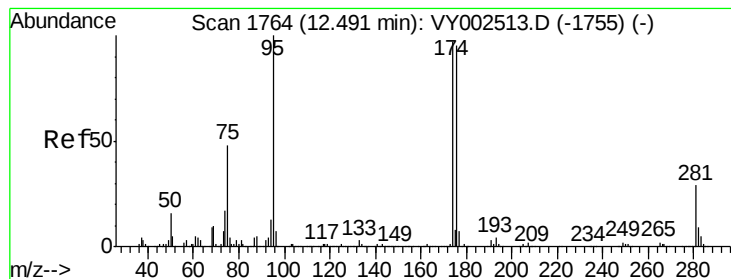
100 65.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 42.738 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002596.D

Acq: 05 May 2020 18:50

Instrument :

MSVOA_Y

ClientSampled :

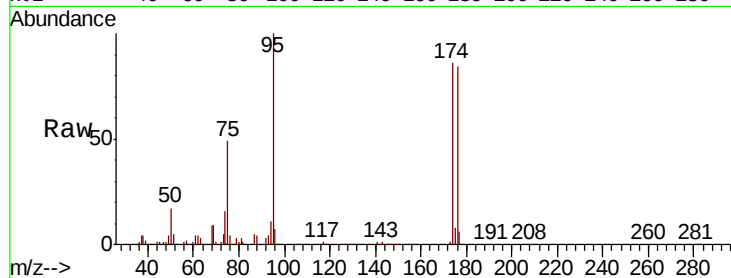
Tot Ion: 95 Resp: 105231

Ion Ratio Lower Upper

95 100

174 90.9 0.0 188.8

176 89.2 0.0 183.2



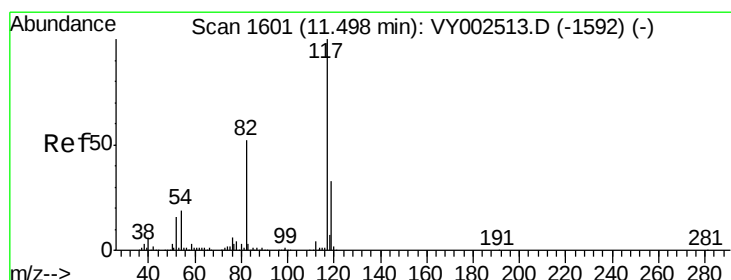
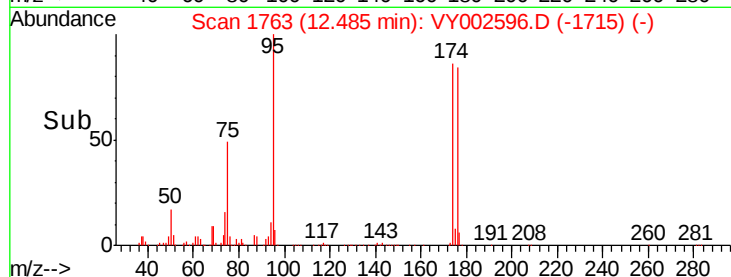
Abundance Ion 94.90 (94.60 to 95.60): VY002513.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002513.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002513.D (-1755) (-)

12.48

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VY002596.D

Acq: 05 May 2020 18:50

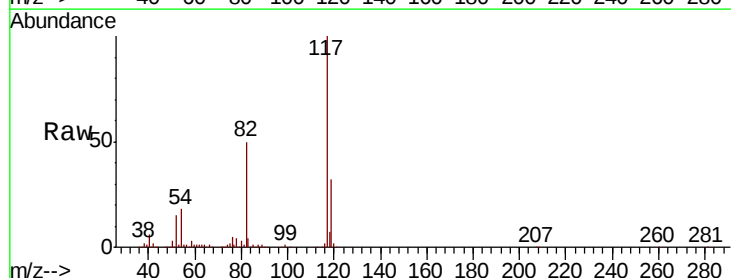
Tgt Ion: 117 Resp: 271547

Ion Ratio Lower Upper

117 100

82 50.4 41.3 61.9

119 32.0 26.0 39.0



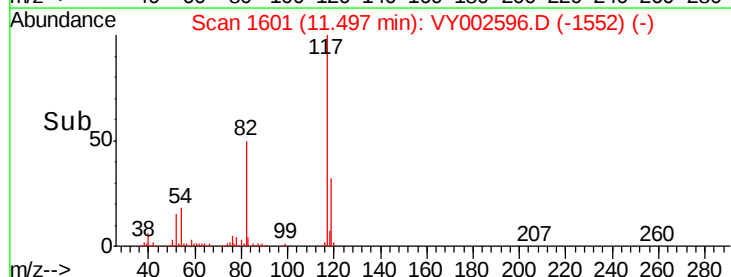
Abundance Ion 116.90 (116.60 to 117.60): VY002513.D (-1592) (-)

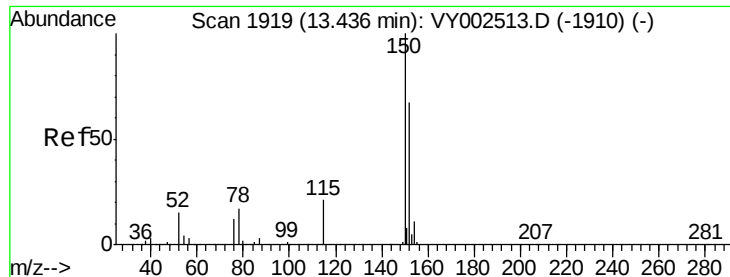
Ion 82.00 (81.70 to 82.70): VY002513.D (-1592) (-)

Ion 118.90 (118.60 to 119.60): VY002513.D (-1592) (-)

11.50

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002596.D

Acq: 05 May 2020 18:50

Instrument :

MSVOA_Y

ClientSampled :

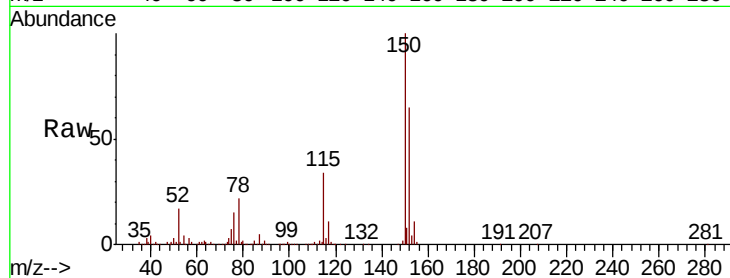
Tot Ion:152 Resp: 107964

Ion Ratio Lower Upper

152 100

115 54.0 27.5 82.4

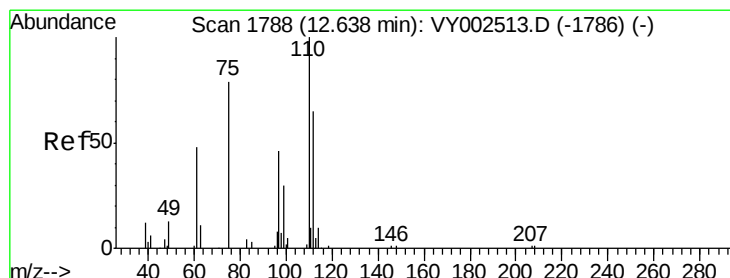
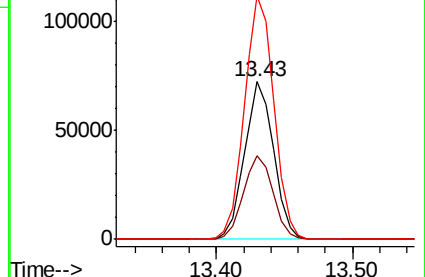
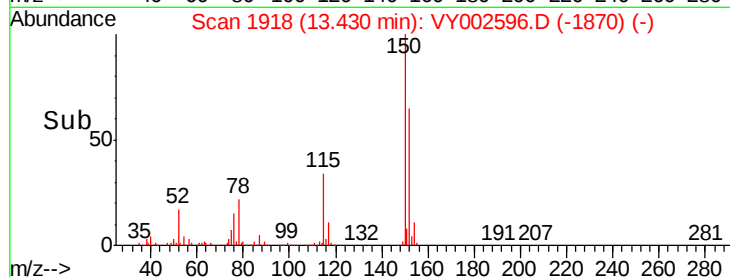
150 156.1 0.0 346.4



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: 53.379 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002596.D

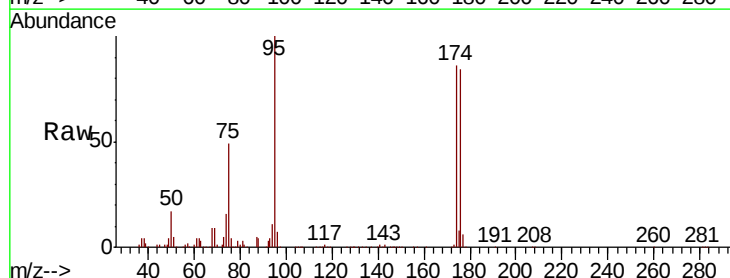
Acq: 05 May 2020 18:50

Tgt Ion: 75 Resp: 51214

Ion Ratio Lower Upper

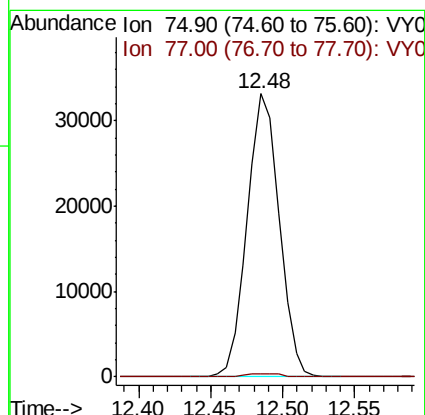
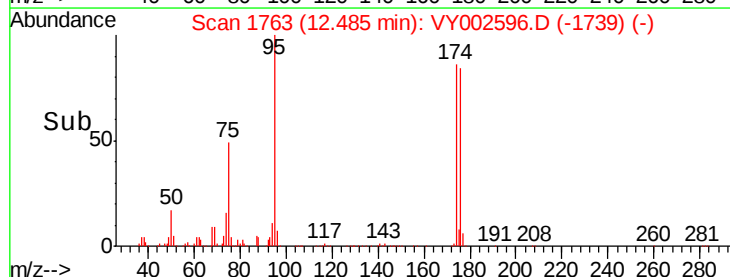
75 100

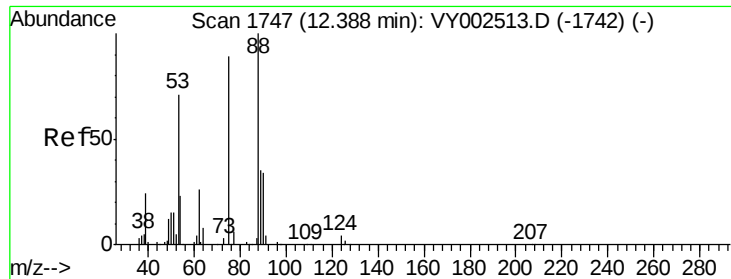
77 1.3 0.0 0.0#



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: 107.035 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002596.D

Acq: 05 May 2020 18:50

Instrument :

MSVOA_Y

ClientSampleId :

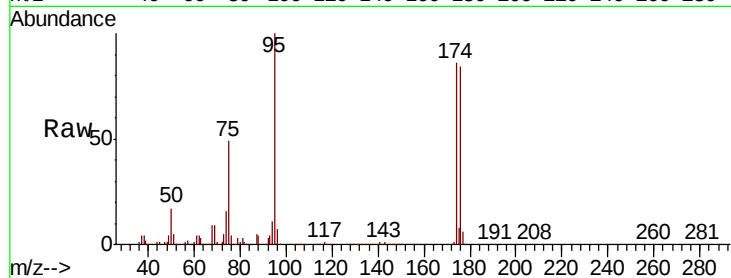
Tot Ion: 75 Resp: 51214

Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.0#

89 0.0 37.4 56.0#



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

