

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
 Data File : VY002138.D
 Acq On : 31 Mar 2020 17:06
 Operator : SY/MD
 Sample : L2054-04
 Misc : 8.87G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 01 05:00:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

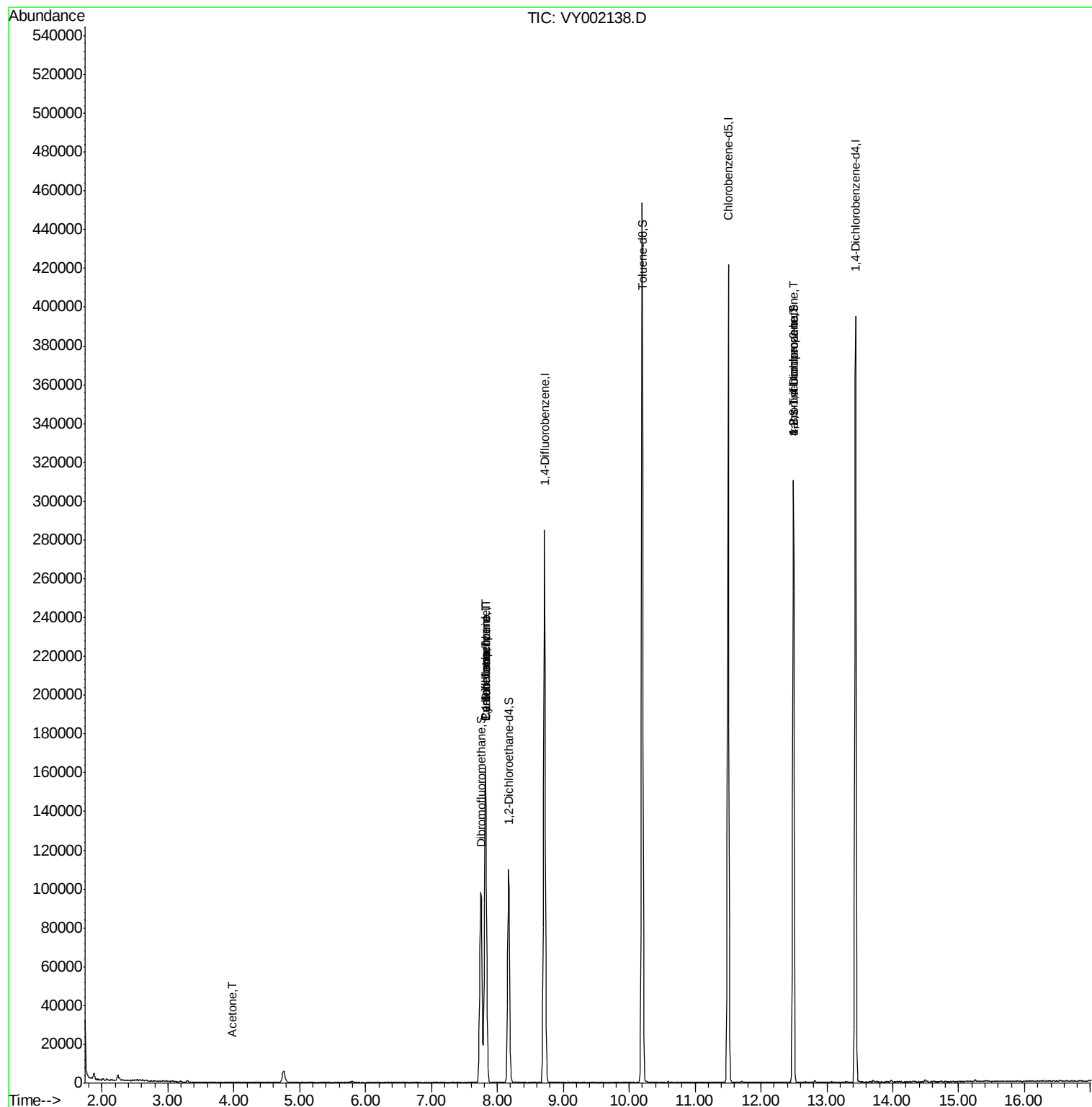
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	121032	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	241488	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	222031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	93145	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	76191	56.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.88%	
35) Dibromofluoromethane	7.75	113	71831	53.09	ug/l	0.01
Spiked Amount	50.000		Recovery	=	106.18%	
50) Toluene-d8	10.20	98	293409	52.20	ug/l	0.01
Spiked Amount	50.000		Recovery	=	104.40%	
62) 4-Bromofluorobenzene	12.49	95	96548	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
Target Compounds						
					Qvalue	
16) Acetone	3.97	43	470	1.250	ug/l #	42
20) Methylene Chloride	4.76	84	4544	Below Cal		90
31) Cyclohexane	7.82	56	2882	1.034	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	10381	4.545	ug/l #	49
38) Carbon Tetrachloride	7.82	117	13216	6.820	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	50994	48.943	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	50994	94.819	ug/l #	17

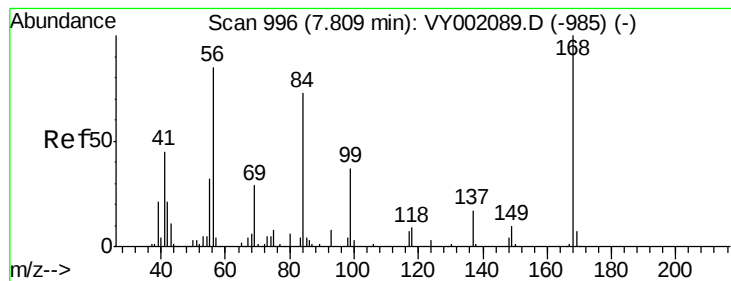
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002138.D

Acq: 31 Mar 2020 17:06

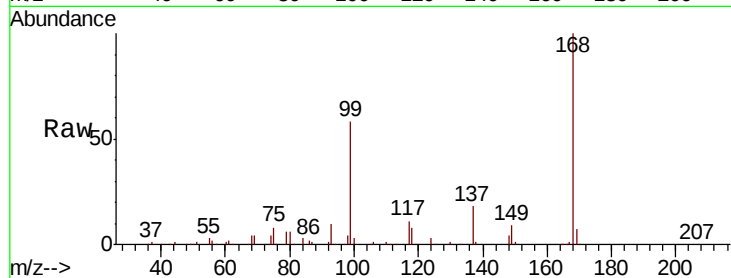
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 121032

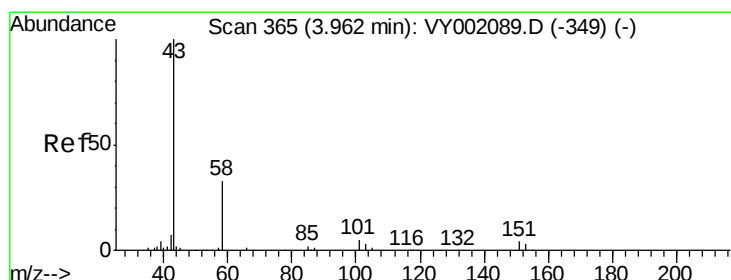
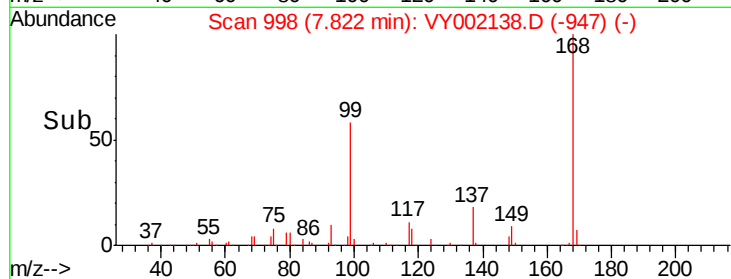
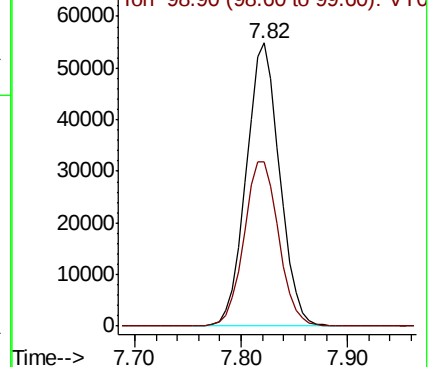
Ion Ratio Lower Upper

168 100

99 58.2 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002138.D (-947) (-)



#16

Acetone

Concen: 1.250 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002138.D

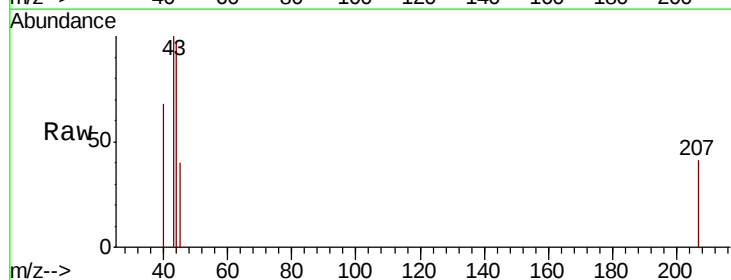
Acq: 31 Mar 2020 17:06

Tgt Ion: 43 Resp: 470

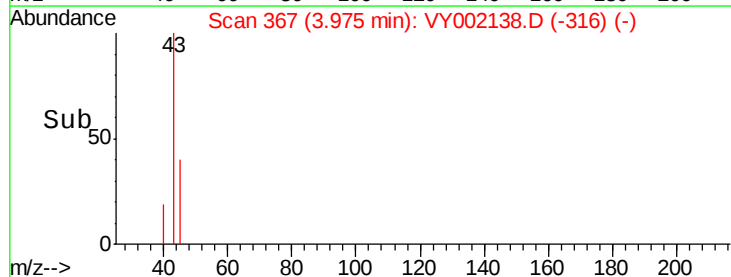
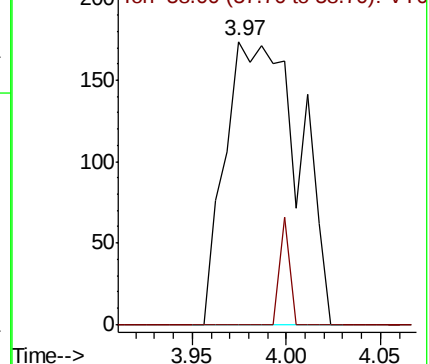
Ion Ratio Lower Upper

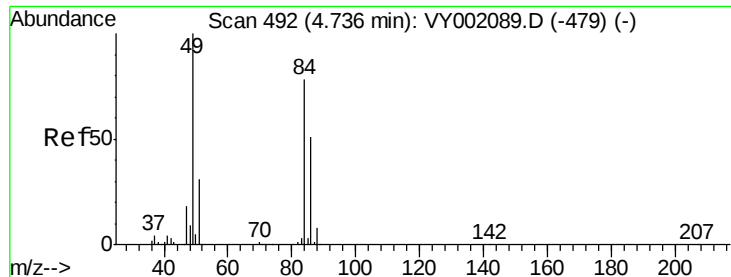
43 100

58 0.0 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002138.D (-316) (-)

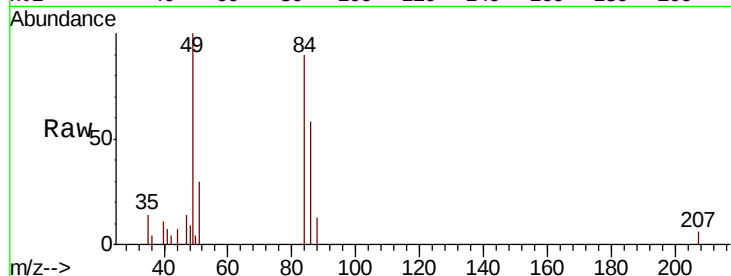




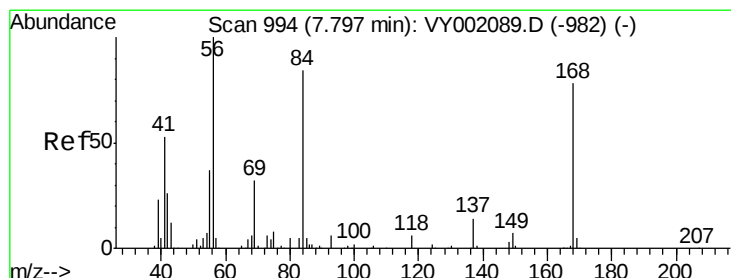
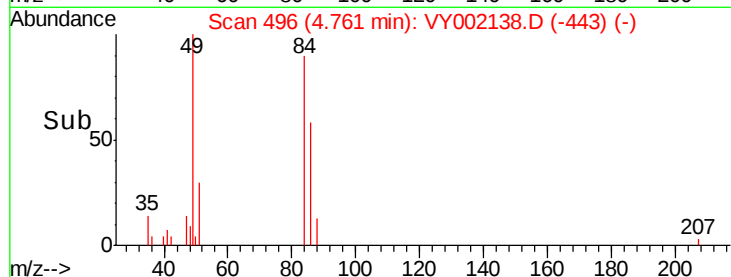
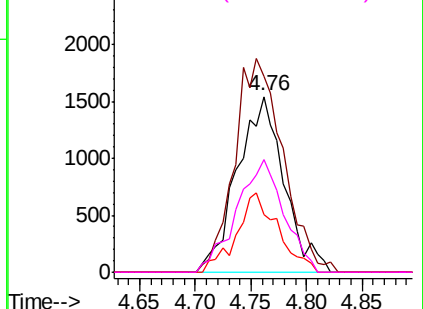
#20
Methylene Chloride
Concen: Below Cal
RT: 4.76 min Scan# 496
Delta R.T. 0.03 min
Lab File: VY002138.D
Acq: 31 Mar 2020 17:06

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	84	Resp:	4544
Ion	Ratio	Lower	Upper
84	100		
49	111.2	102.2	153.4
51	33.0	31.2	46.8
86	64.4	52.6	78.8

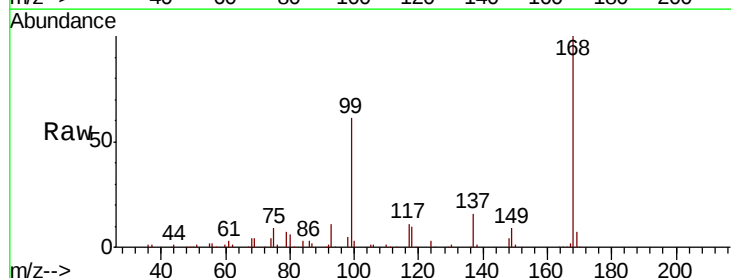


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

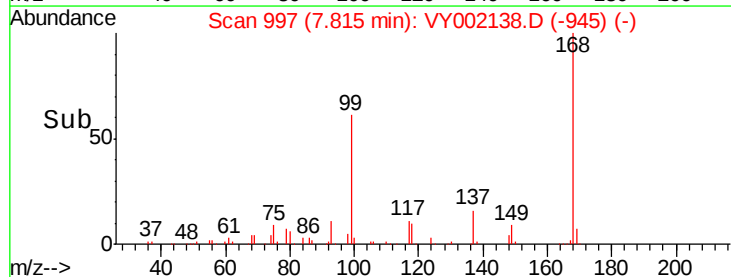
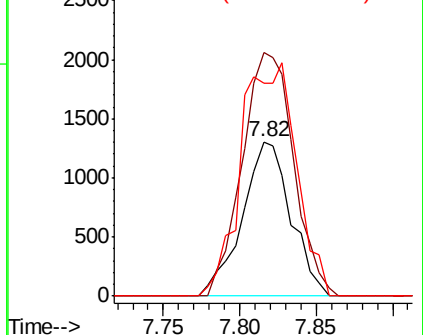


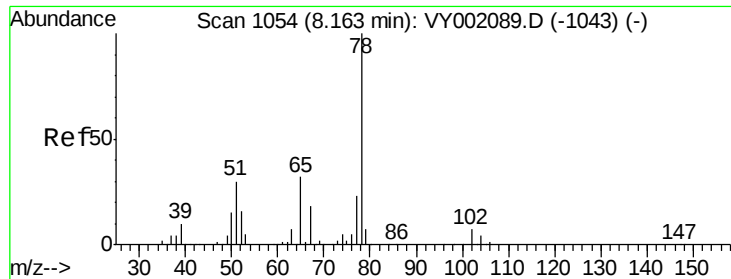
#31
Cyclohexane
Concen: 1.034 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.02 min
Lab File: VY002138.D
Acq: 31 Mar 2020 17:06

Tgt Ion:	56	Resp:	2882
Ion	Ratio	Lower	Upper
56	100		
69	157.9	25.8	38.8#
84	137.8	67.1	100.7#



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: 56.945 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002138.D

Acq: 31 Mar 2020 17:06

Instrument :

MSVOA_Y

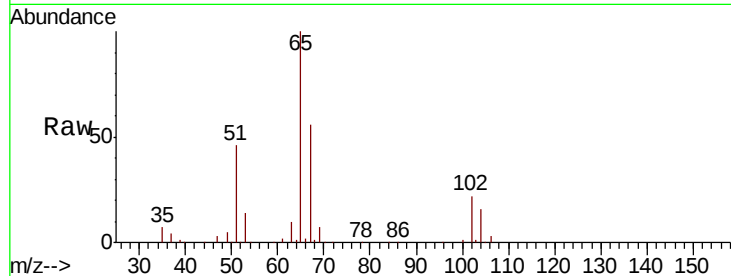
ClientSampleId :

Tot Ion: 65 Resp: 76191

Ion Ratio Lower Upper

65 100

67 56.1 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002138.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002138.D (-1043) (-)

8.17

40000

30000

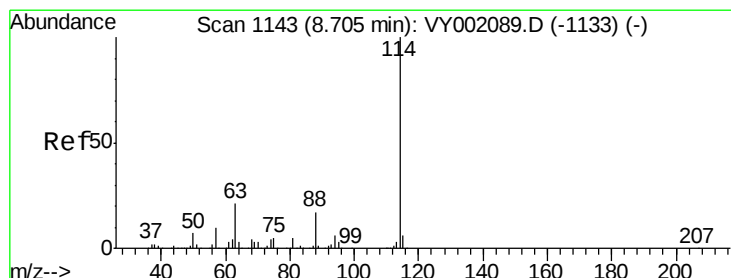
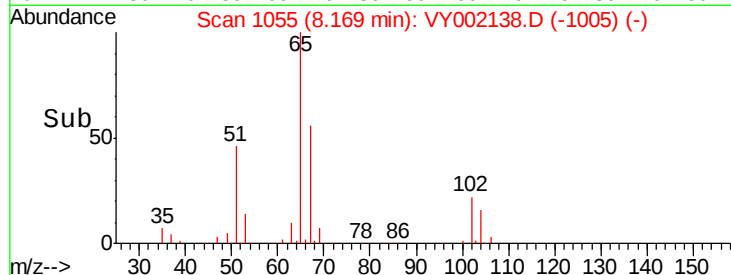
20000

10000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002138.D

Acq: 31 Mar 2020 17:06

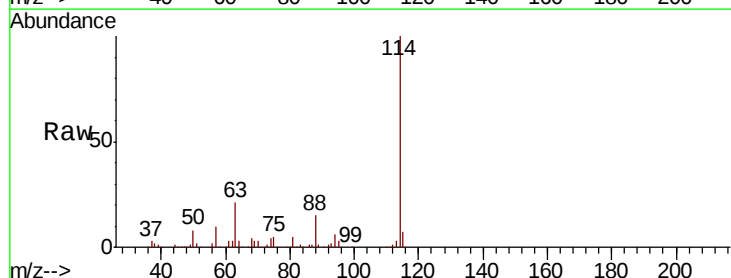
Tgt Ion: 114 Resp: 241488

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

88 15.3 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): VY002138.D (-1094) (-)

Ion 63.00 (62.70 to 63.70): VY002138.D (-1094) (-)

Ion 87.90 (87.60 to 88.60): VY002138.D (-1094) (-)

8.71

150000

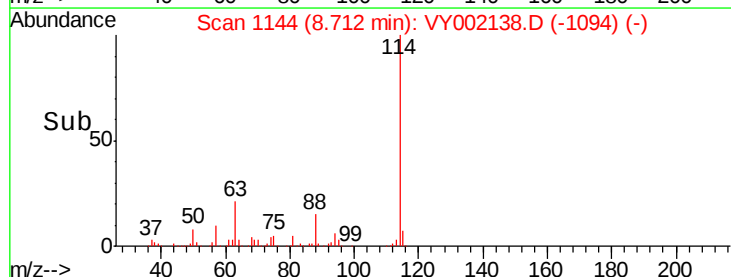
100000

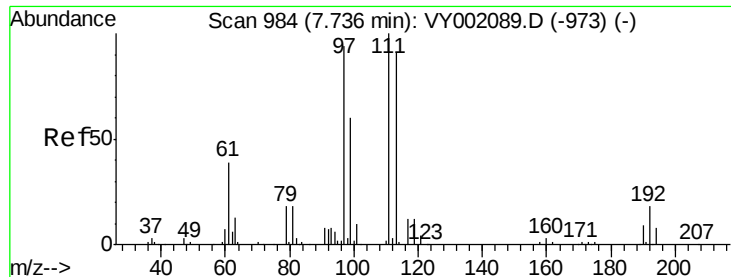
50000

0

8.60 8.70 8.80

Time-->

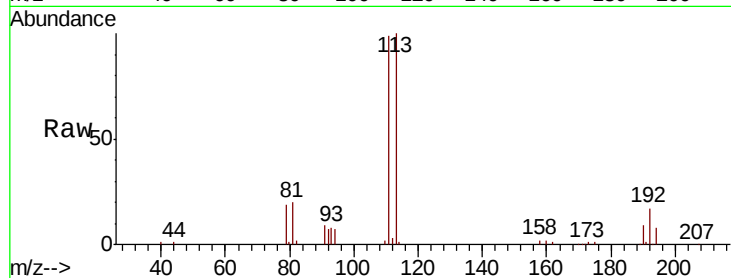




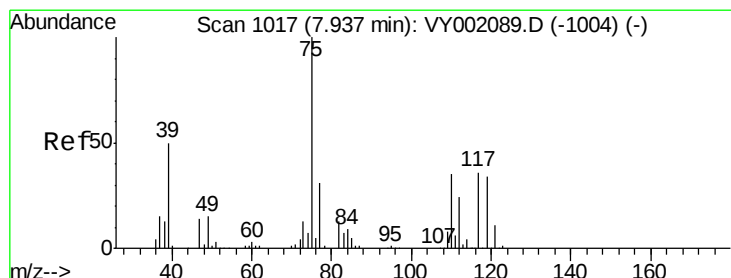
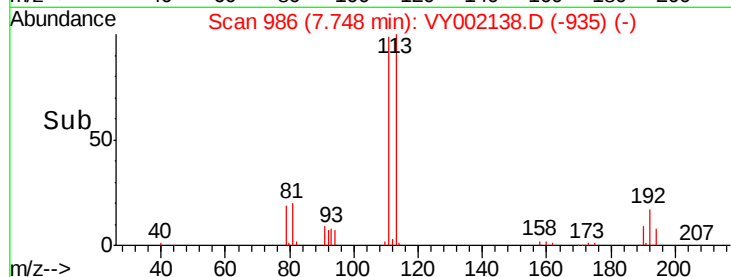
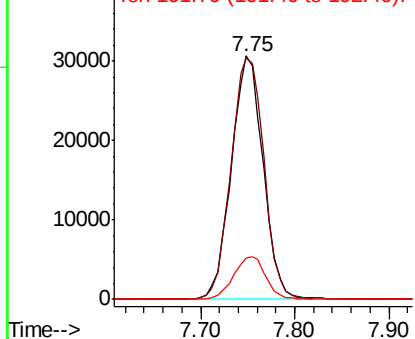
#35
Dibromofluoromethane
Concen: 53.087 ug/l
RT: 7.75 min Scan# 986
Delta R.T. 0.01 min
Lab File: VY002138.D
Acq: 31 Mar 2020 17:06

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:113 Resp: 71831
Ion Ratio Lower Upper
113 100
111 102.6 84.4 126.6
192 17.8 14.6 21.8

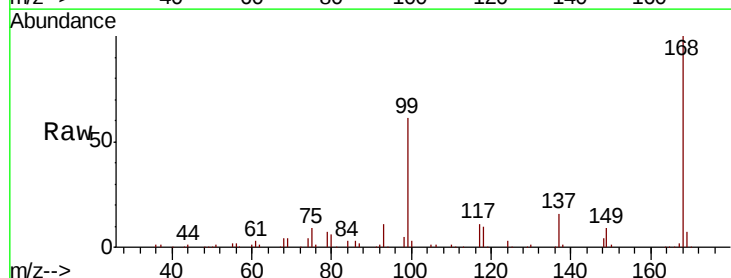


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

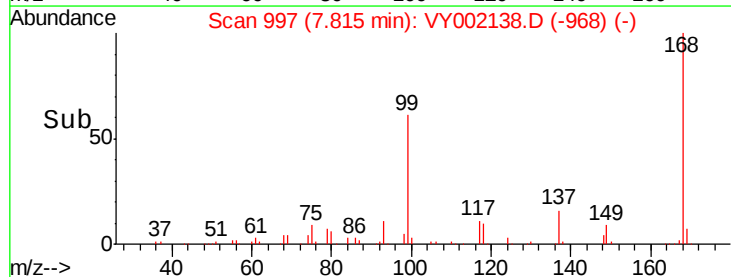
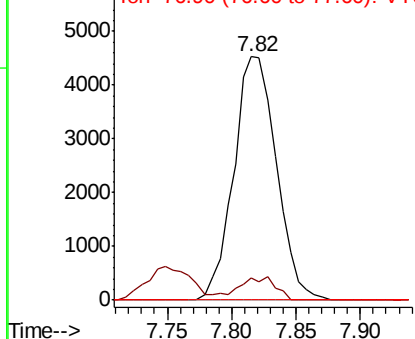


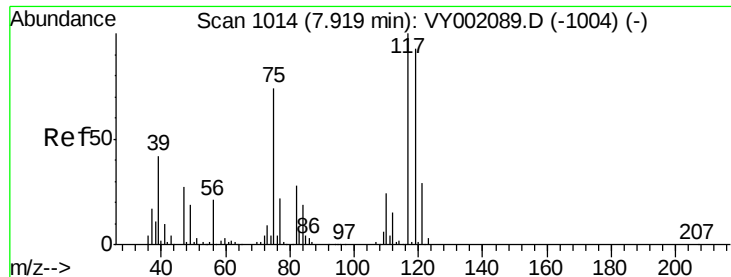
#36
1,1-Dichloropropene
Concen: 4.545 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.12 min
Lab File: VY002138.D
Acq: 31 Mar 2020 17:06

Tgt Ion: 75 Resp: 10381
Ion Ratio Lower Upper
75 100
110 8.3 17.2 51.6#
77 0.0 24.7 37.1#



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: 6.820 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.10 min

Lab File: VY002138.D

Acq: 31 Mar 2020 17:06

Instrument :

MSVOA_Y

ClientSampleId :

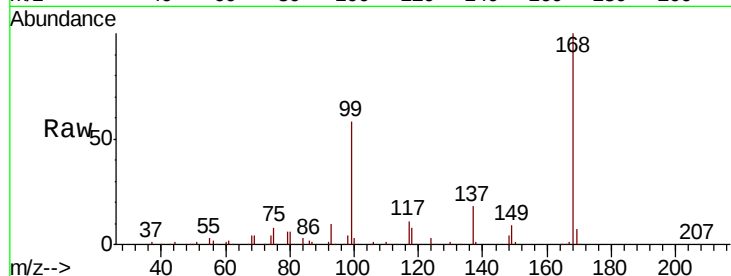
Tot Ion:117 Resp: 13216

Ion Ratio Lower Upper

117 100

119 4.3 74.3 111.5#

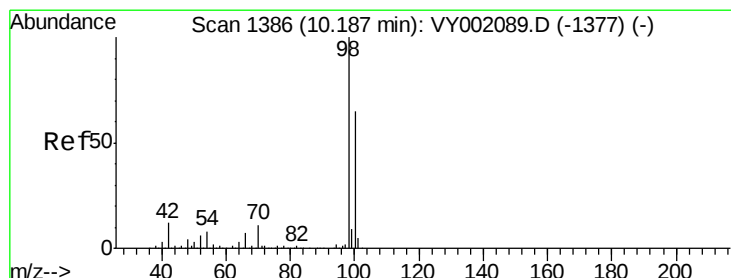
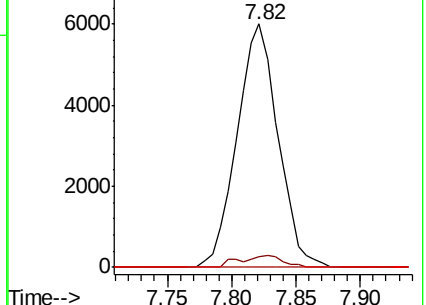
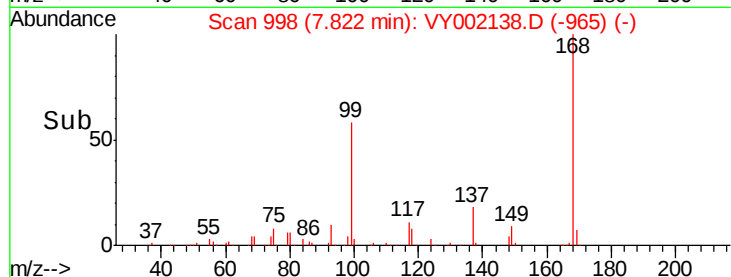
121 0.0 23.3 34.9#



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: 52.198 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002138.D

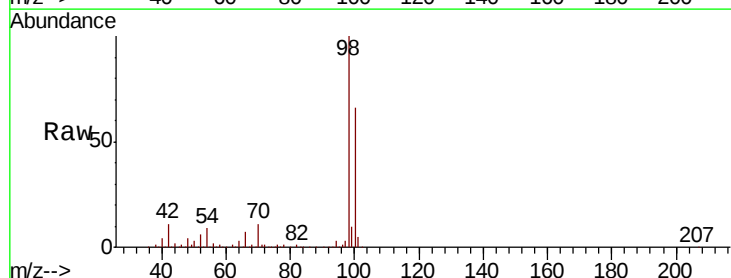
Acq: 31 Mar 2020 17:06

Tgt Ion: 98 Resp: 293409

Ion Ratio Lower Upper

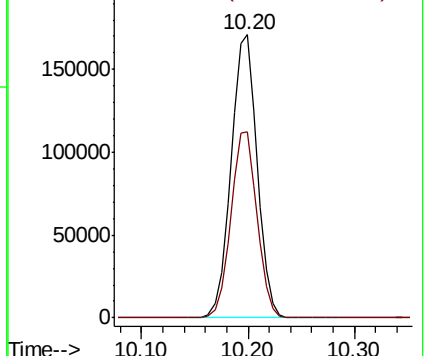
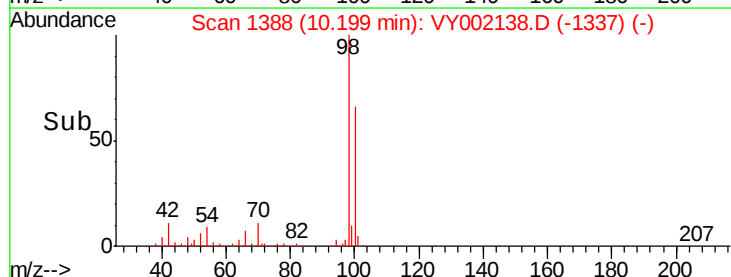
98 100

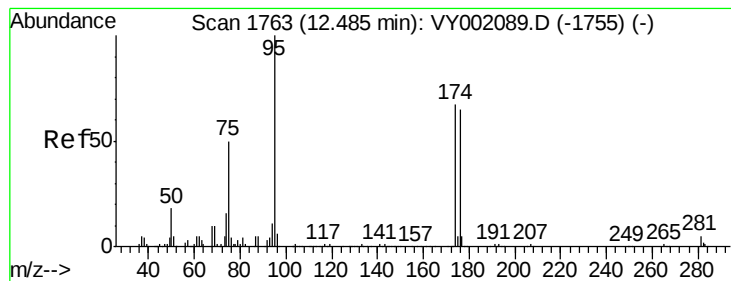
100 66.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 49.112 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002138.D

Acq: 31 Mar 2020 17:06

Instrument :

MSVOA_Y

ClientSampled :

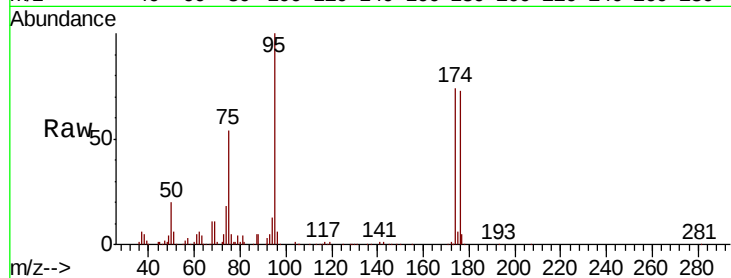
Tot Ion: 95 Resp: 96548

Ion Ratio Lower Upper

95 100

174 74.9 0.0 143.4

176 72.0 0.0 137.0



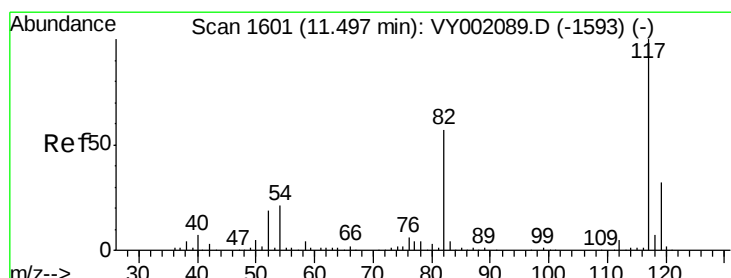
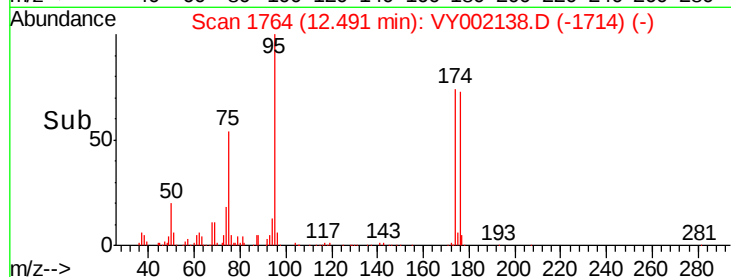
Abundance Ion 94.90 (94.60 to 95.60): VY002138.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002138.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002138.D (-1755) (-)

12.49

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.01 min

Lab File: VY002138.D

Acq: 31 Mar 2020 17:06

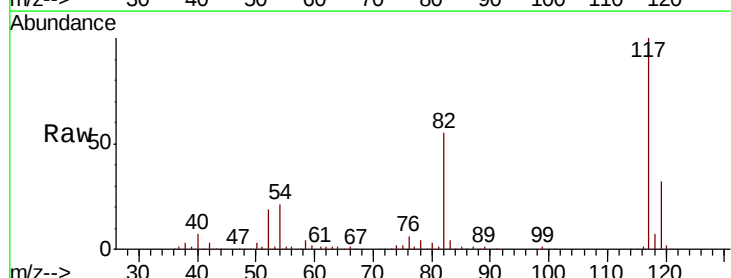
Tgt Ion: 117 Resp: 222031

Ion Ratio Lower Upper

117 100

82 55.4 45.4 68.2

119 31.9 25.3 37.9



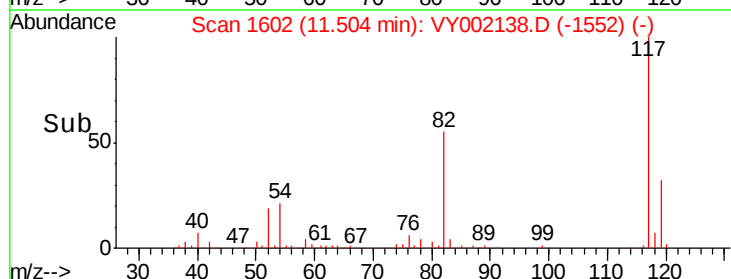
Abundance Ion 116.90 (116.60 to 117.60): VY002138.D (-1593) (-)

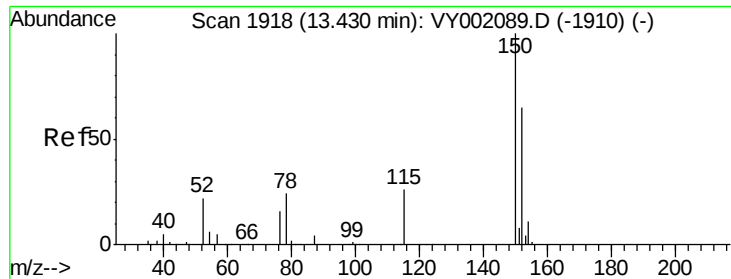
Ion 82.00 (81.70 to 82.70): VY002138.D (-1593) (-)

Ion 118.90 (118.60 to 119.60): VY002138.D (-1593) (-)

11.50

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002138.D

Acq: 31 Mar 2020 17:06

Instrument :

MSVOA_Y

ClientSampled :

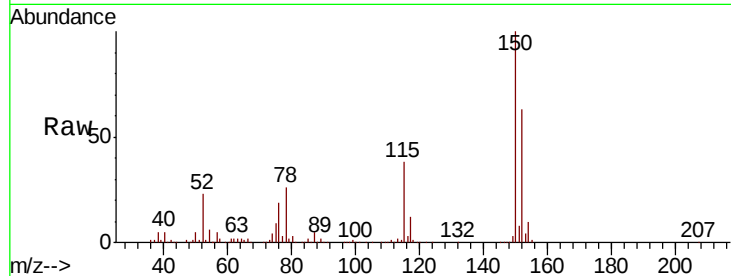
Tot Ion:152 Resp: 93145

Ion Ratio Lower Upper

152 100

115 61.8 31.2 93.6

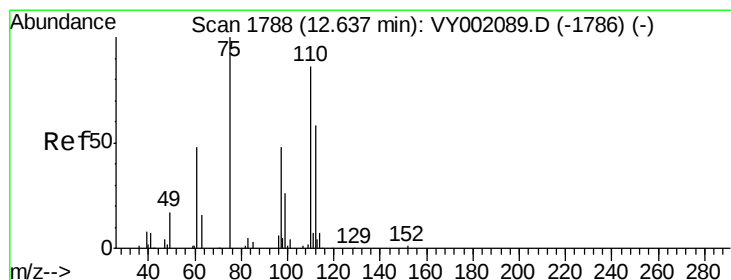
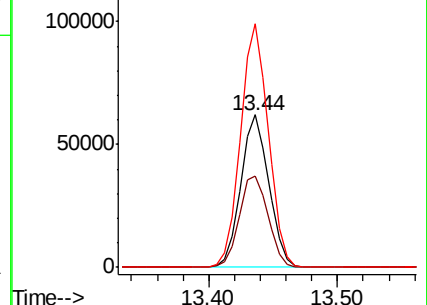
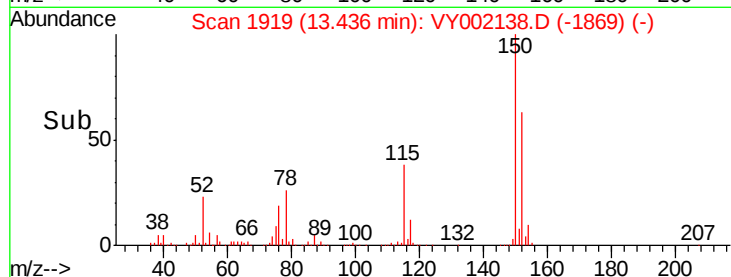
150 158.6 0.0 354.8



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: 48.943 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002138.D

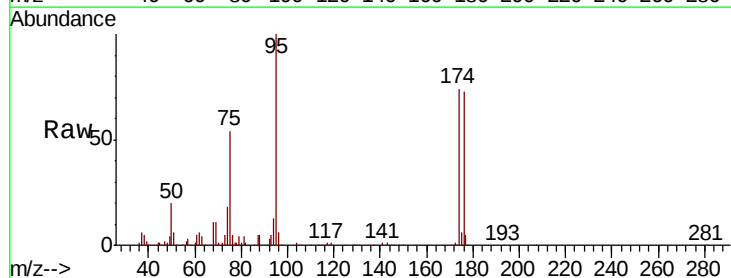
Acq: 31 Mar 2020 17:06

Tgt Ion: 75 Resp: 50994

Ion Ratio Lower Upper

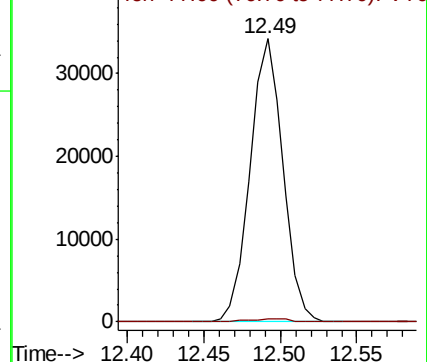
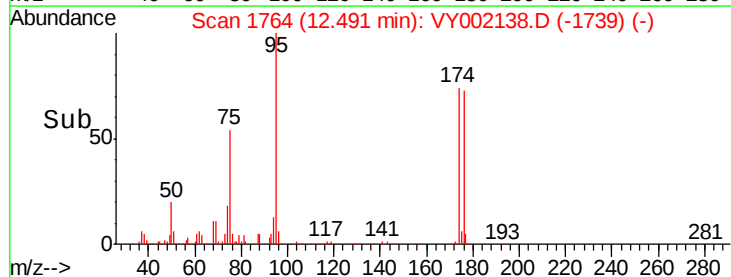
75 100

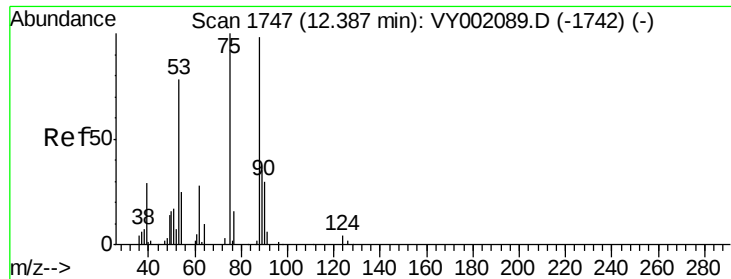
77 1.3 0.0 0.0#



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: 94.819 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002138.D

Acq: 31 Mar 2020 17:06

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 50994

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.1 33.4 50.0#

