

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
 Data File : VY002133.D
 Acq On : 31 Mar 2020 15:14
 Operator : SY/MD
 Sample : L2049-06RE
 Misc : 7.83G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 01 04:59:45 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

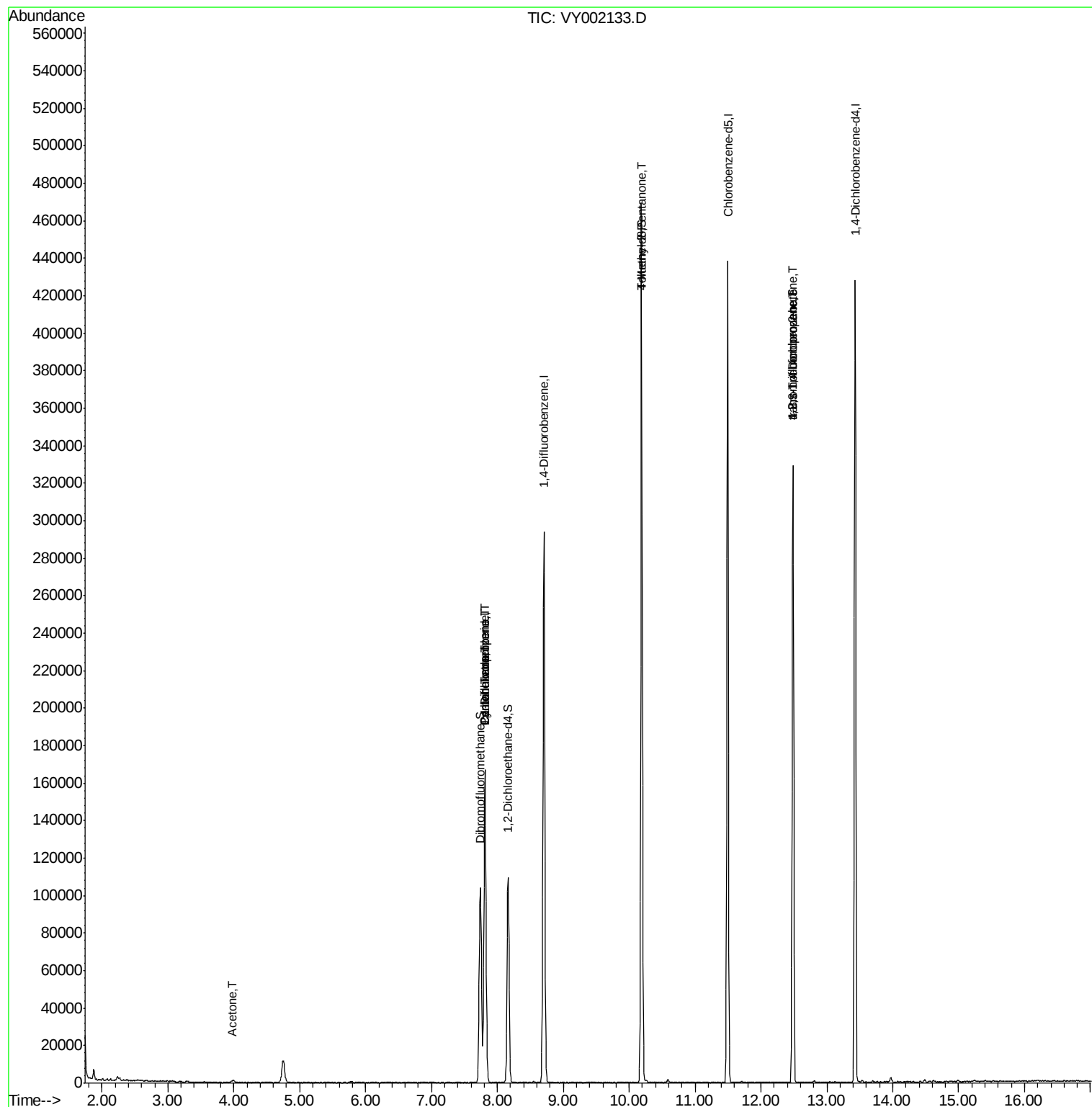
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	125071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	247993	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	232327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	103517	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	80875	58.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.98%	
35) Dibromofluoromethane	7.74	113	72750	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
50) Toluene-d8	10.19	98	302879	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
62) 4-Bromofluorobenzene	12.48	95	104098	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
Target Compounds						
					Qvalue	
16) Acetone	3.98	43	2112	5.437	ug/l #	79
31) Cyclohexane	7.82	56	3131	1.087	ug/l #	1
36) 1,1-Dichloropropene	7.81	75	10846	4.624	ug/l #	50
38) Carbon Tetrachloride	7.82	117	12917	6.491	ug/l #	17
51) 4-Methyl-2-Pentanone	10.19	43	1355	1.000	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	55063	47.553	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	55063	92.126	ug/l #	17

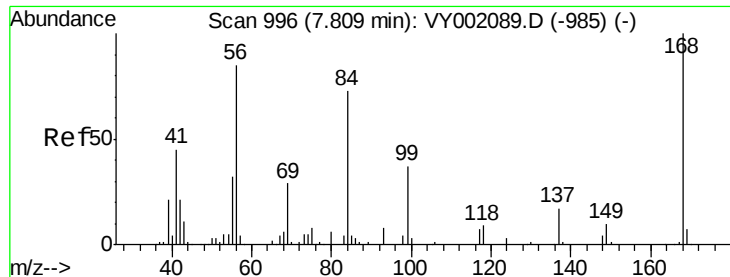
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 997

Delta R.T. 0.01 min

Lab File: VY002133.D

Acq: 31 Mar 2020 15:14

Instrument :

MSVOA_Y

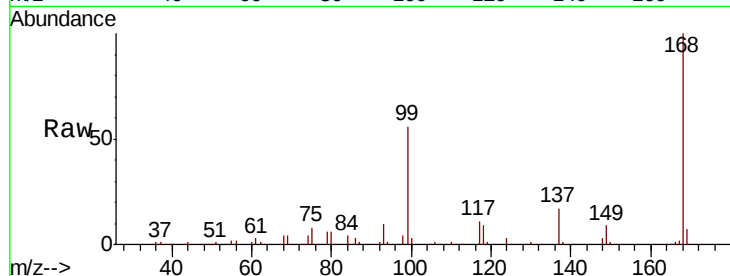
ClientSampled :

Tot Ion:168 Resp: 125071

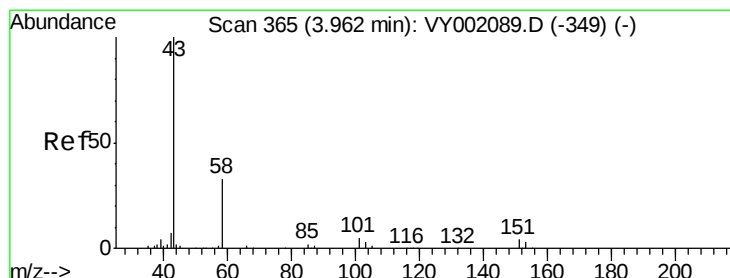
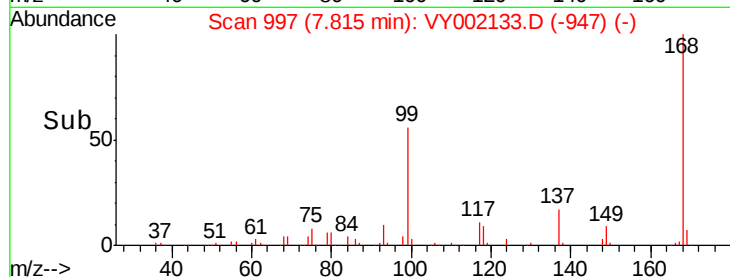
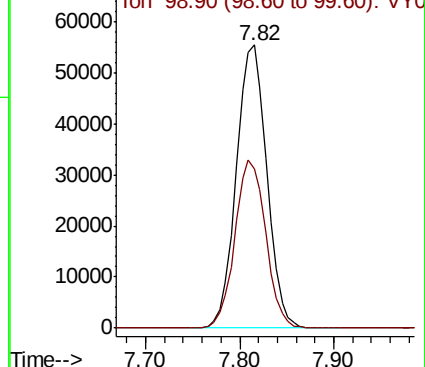
Ion Ratio Lower Upper

168 100

99 56.4 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002133.D (-947) (-)



#16

Acetone

Concen: 5.437 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.02 min

Lab File: VY002133.D

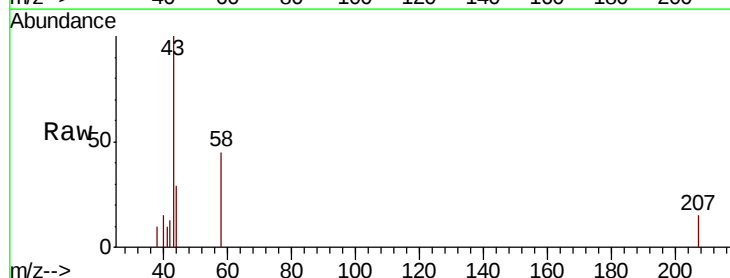
Acq: 31 Mar 2020 15:14

Tgt Ion: 43 Resp: 2112

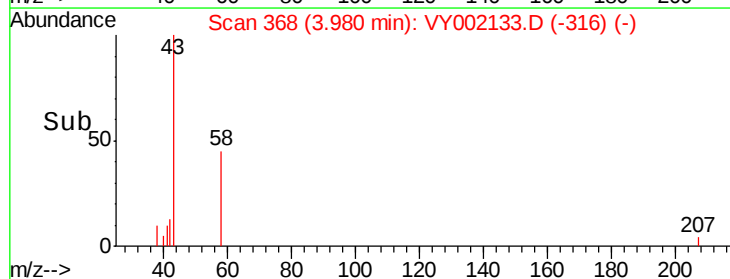
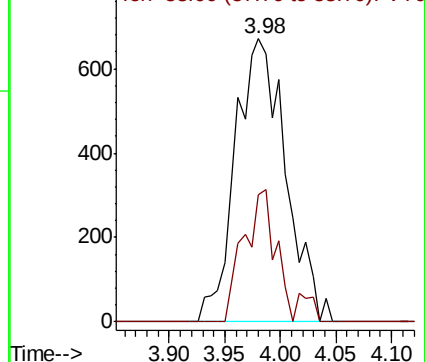
Ion Ratio Lower Upper

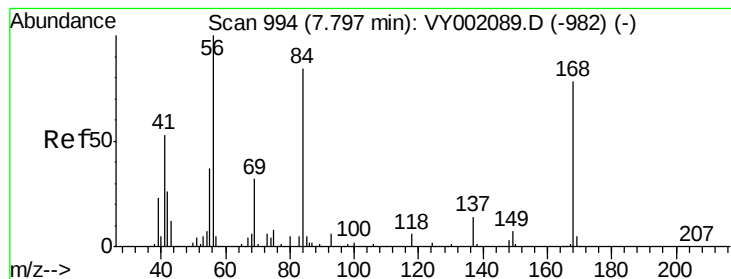
43 100

58 44.9 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002133.D (-316) (-)





#31

Cyclohexane

Concen: 1.087 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.02 min

Lab File: VY002133.D

Acq: 31 Mar 2020 15:14

Instrument :
MSVOA_Y
ClientSampleId :

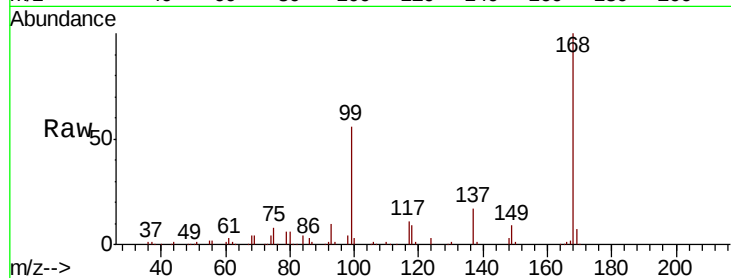
Tot Ion: 56 Resp: 3131

Ion Ratio Lower Upper

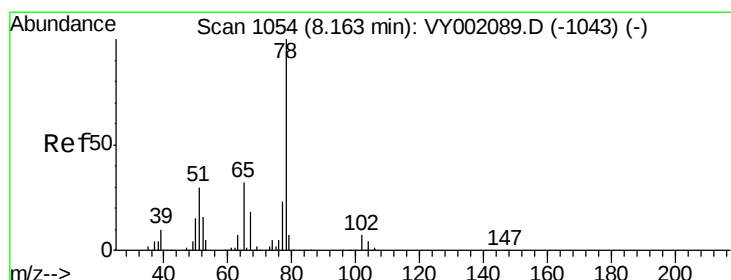
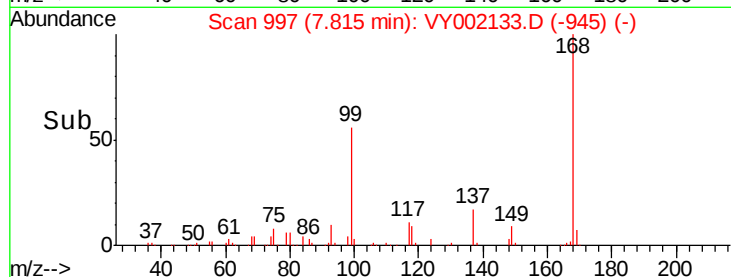
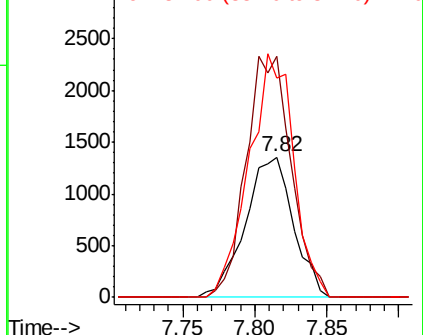
56 100

69 171.8 25.8 38.8#

84 156.8 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: 58.494 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VY002133.D

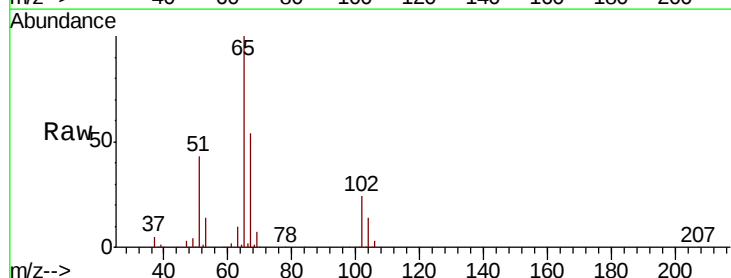
Acq: 31 Mar 2020 15:14

Tgt Ion: 65 Resp: 80875

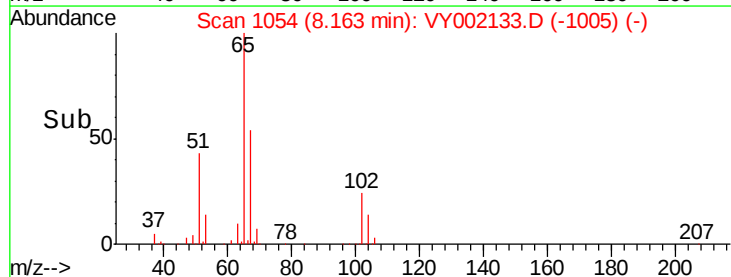
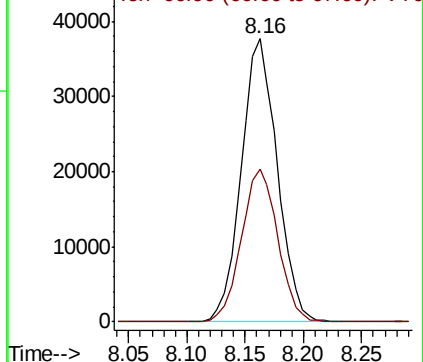
Ion Ratio Lower Upper

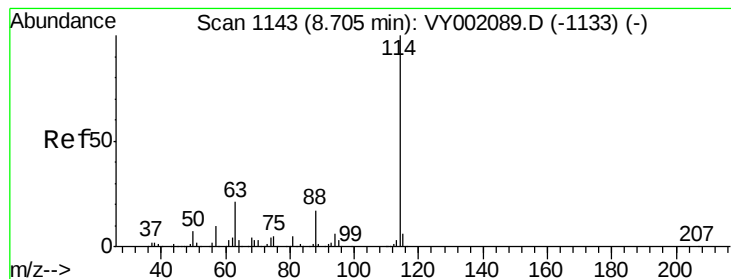
65 100

67 54.7 0.0 112.8



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: 8.71 min Scan# 1143

Delta R.T. -0.00 min

Lab File: VY002133.D

Acq: 31 Mar 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

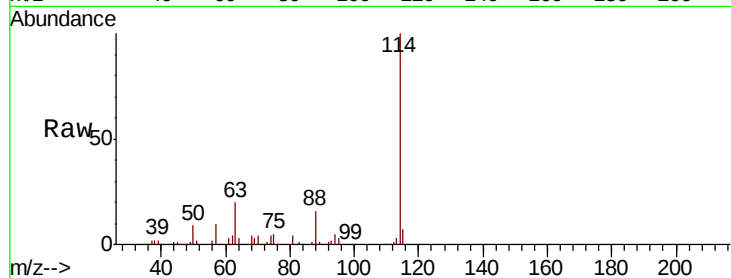
Tot Ion:114 Resp: 247993

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

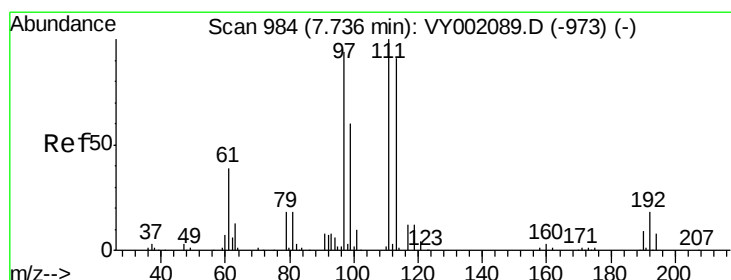
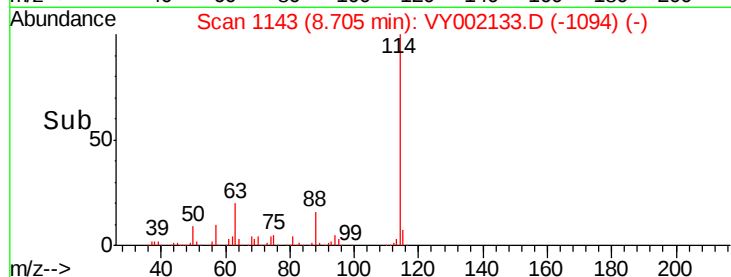
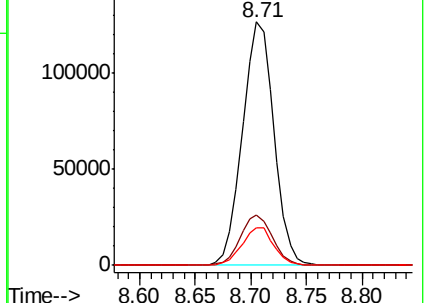
88 15.5 0.0 33.0



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: 52.355 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002133.D

Acq: 31 Mar 2020 15:14

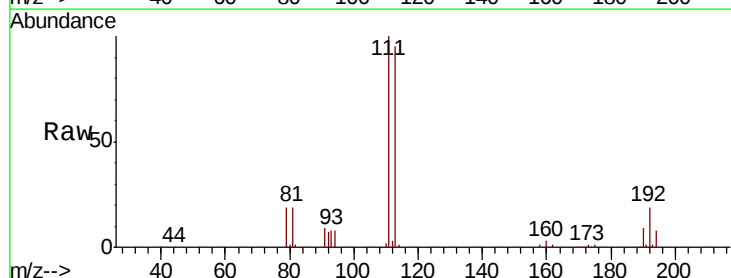
Tgt Ion:113 Resp: 72750

Ion Ratio Lower Upper

113 100

111 104.6 84.4 126.6

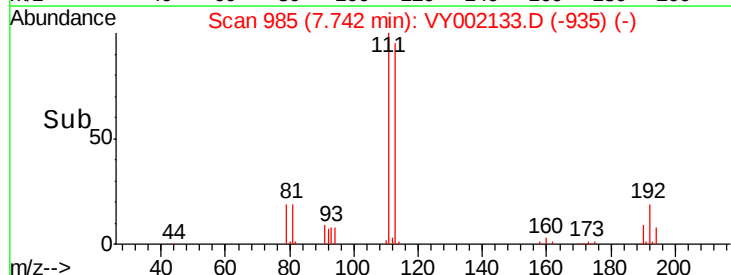
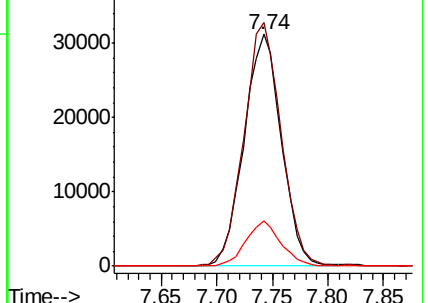
192 18.3 14.6 21.8

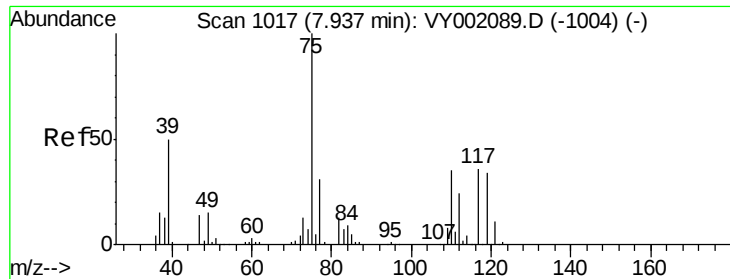


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

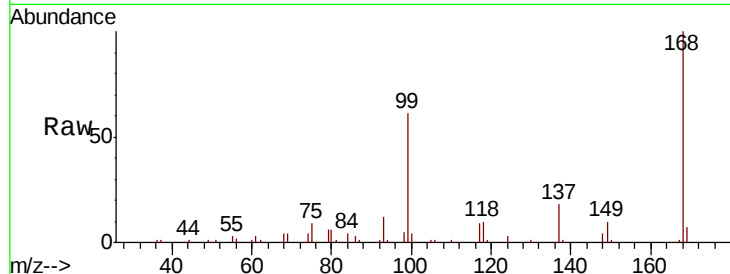




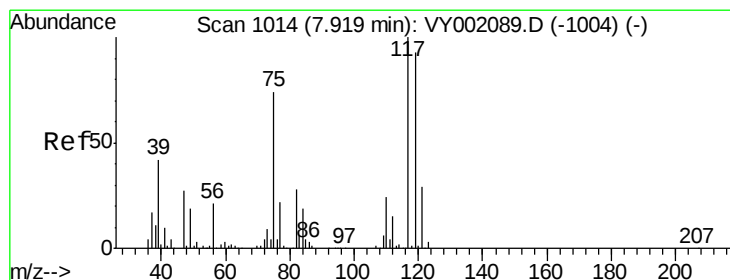
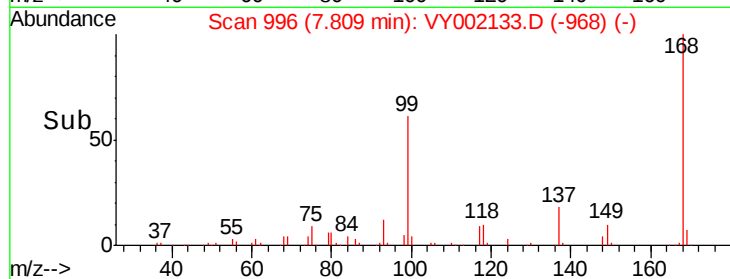
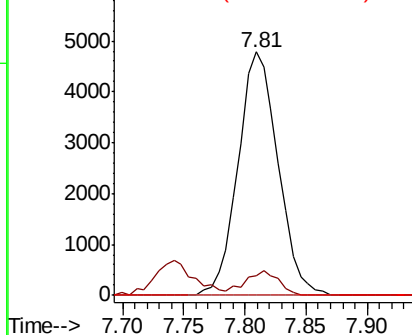
#36
 1,1-Dichloropropene
 Concen: 4.624 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY002133.D
 Acq: 31 Mar 2020 15:14

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 75 Resp: 10846
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.2 51.6#
 77 0.0 24.7 37.1#

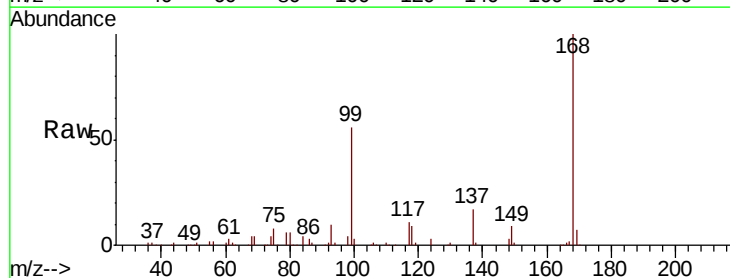


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): VY0
 Ion 76.90 (76.60 to 77.60): VY0

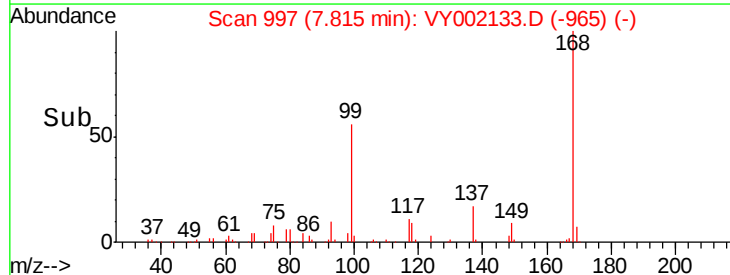
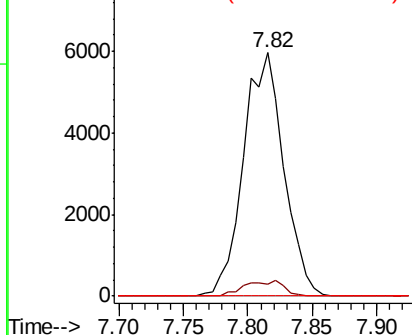


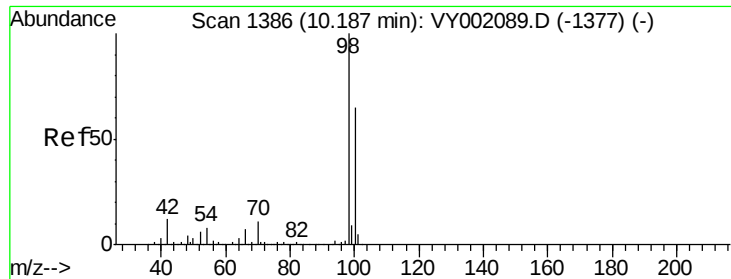
#38
 Carbon Tetrachloride
 Concen: 6.491 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.10 min
 Lab File: VY002133.D
 Acq: 31 Mar 2020 15:14

Tgt Ion: 117 Resp: 12917
 Ion Ratio Lower Upper
 117 100
 119 5.0 74.3 111.5#
 121 0.0 23.3 34.9#



Abundance Ion 116.80 (116.50 to 117.50): VY0
 Ion 118.80 (118.50 to 119.50): VY0
 Ion 120.80 (120.50 to 121.50): VY0





#50

Toluene-d8

Concen: 52.469 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002133.D

Acq: 31 Mar 2020 15:14

Instrument :

MSVOA_Y

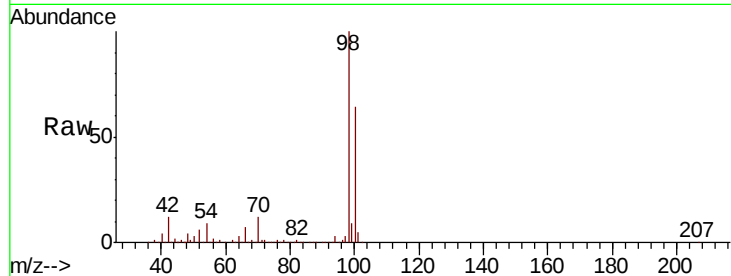
ClientSampleId :

Tot Ion: 98 Resp: 302879

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.19

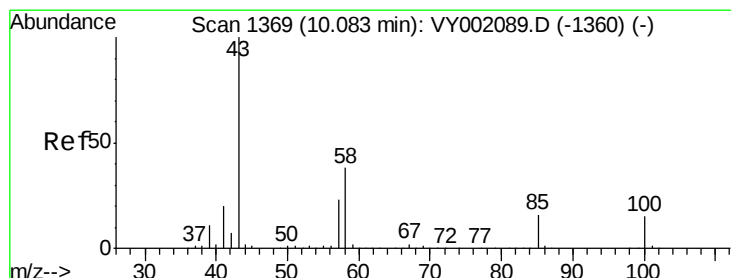
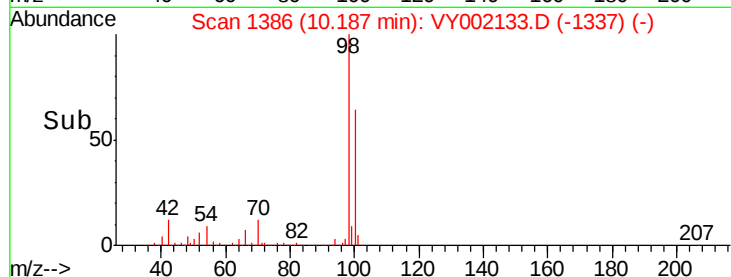
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.000 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.11 min

Lab File: VY002133.D

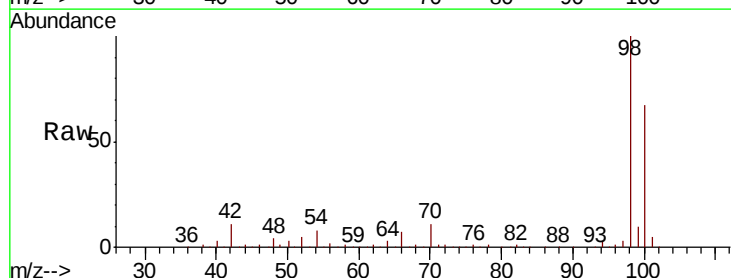
Acq: 31 Mar 2020 15:14

Tgt Ion: 43 Resp: 1355

Ion Ratio Lower Upper

43 100

58 199.6 31.6 47.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

2000

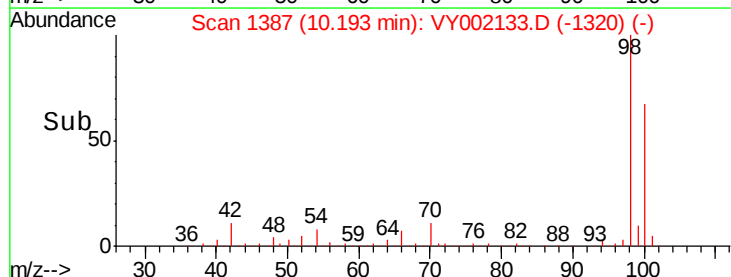
1500

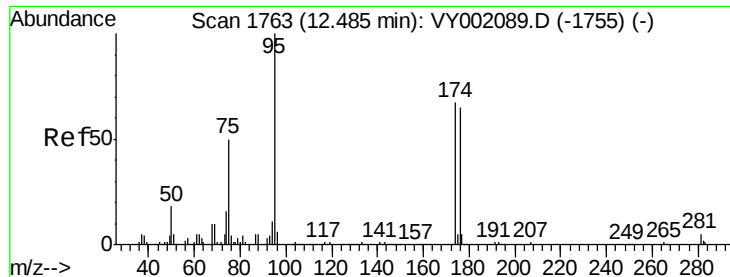
1000

500

0

Time-->

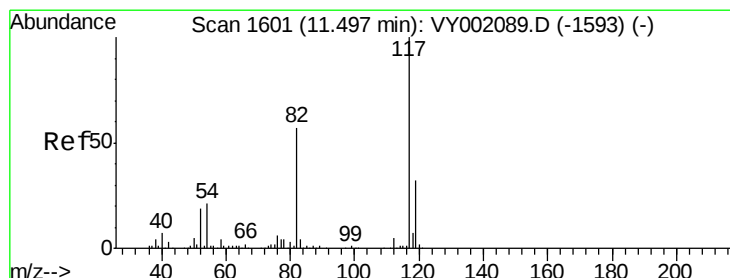
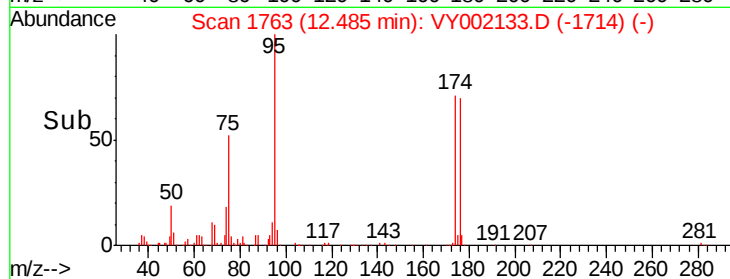
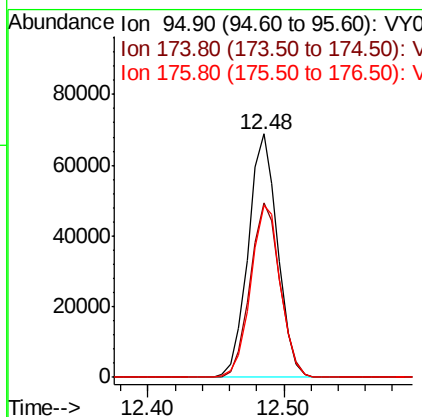
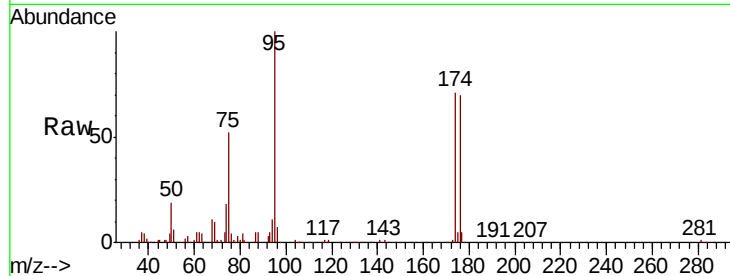




#62
4-Bromofluorobenzene
Concen: 51.563 ug/l
RT: 12.48 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY002133.D
Acq: 31 Mar 2020 15:14

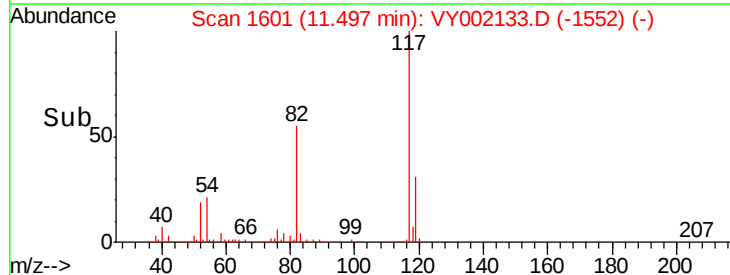
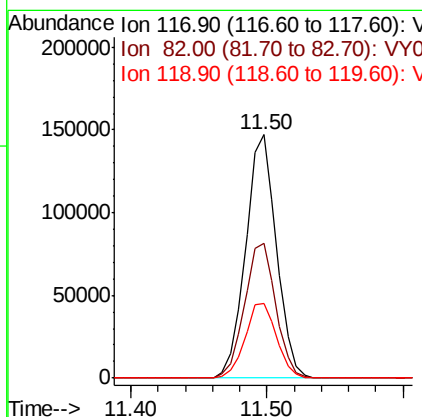
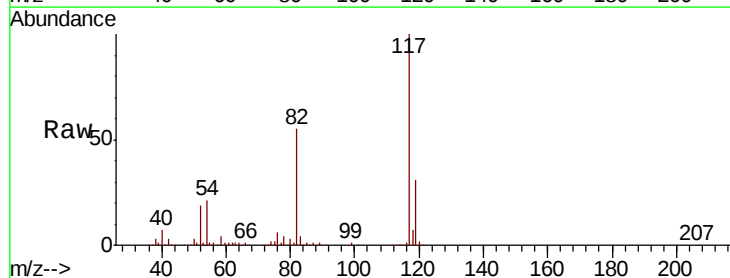
Instrument :
MSVOA_Y
ClientSampleId :

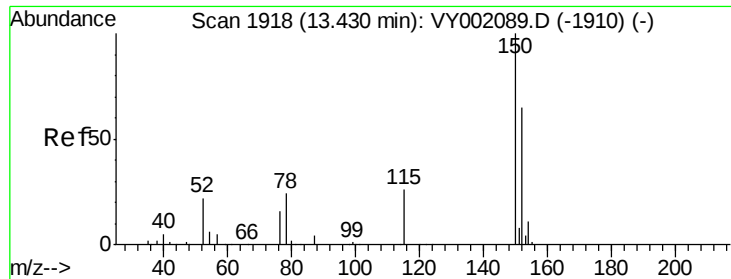
Tot Ion: 95 Resp: 104098
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.4
176 71.6 0.0 137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002133.D
Acq: 31 Mar 2020 15:14

Tgt Ion: 117 Resp: 232327
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.2
119 30.9 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY002133.D

Acq: 31 Mar 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

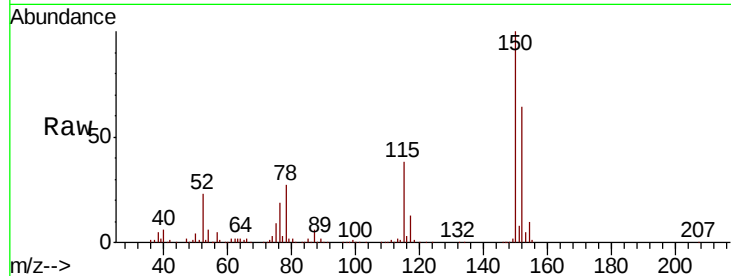
Tot Ion:152 Resp: 103517

Ion Ratio Lower Upper

152 100

115 60.6 31.2 93.6

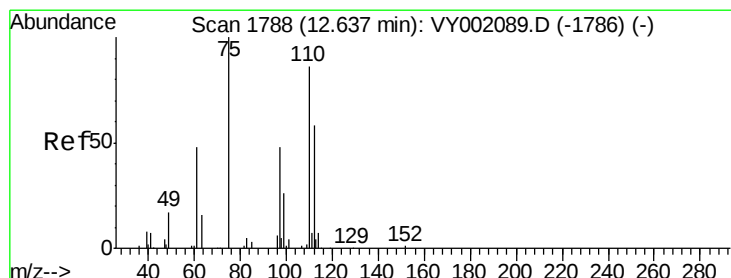
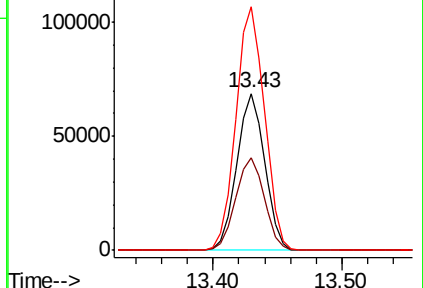
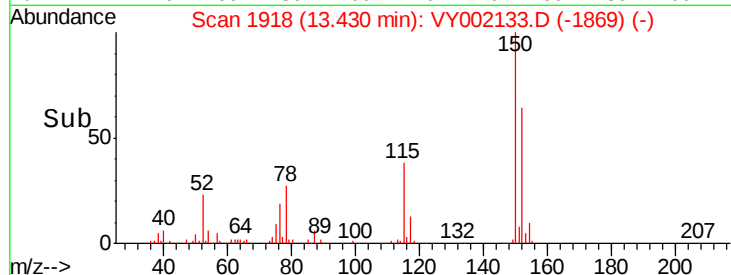
150 158.1 0.0 354.8



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: 47.553 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002133.D

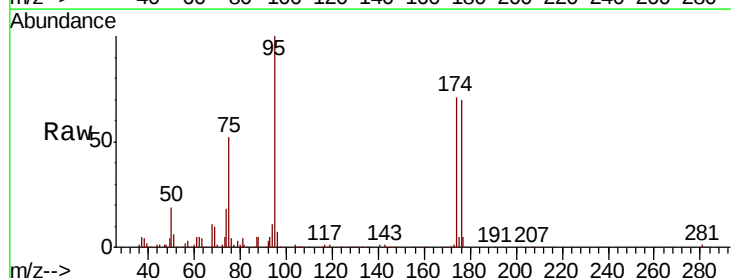
Acq: 31 Mar 2020 15:14

Tgt Ion: 75 Resp: 55063

Ion Ratio Lower Upper

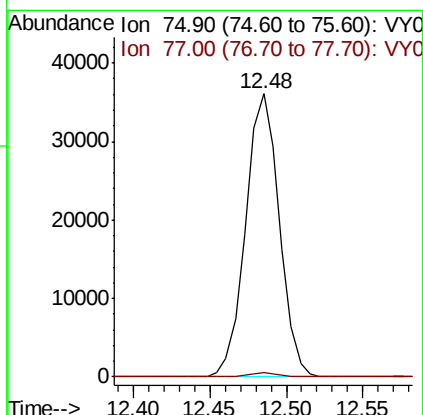
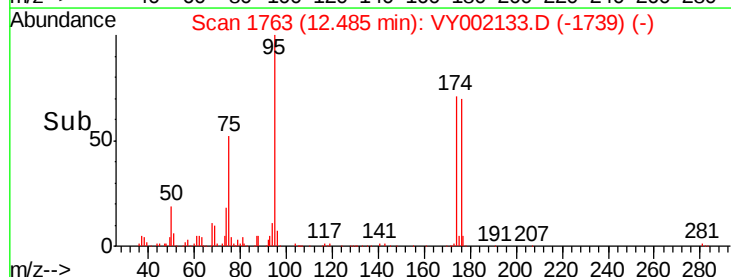
75 100

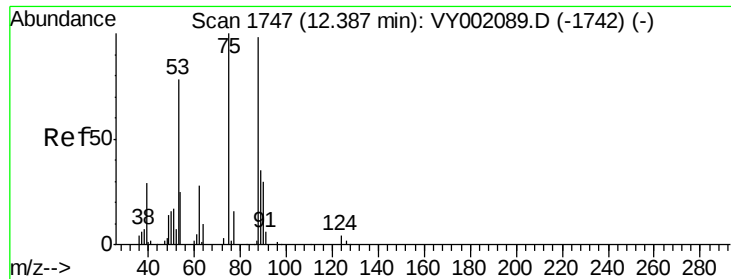
77 1.5 0.0 0.0#



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: 92.126 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002133.D

Acq: 31 Mar 2020 15:14

Instrument :

MSVOA_Y

ClientSampleId :

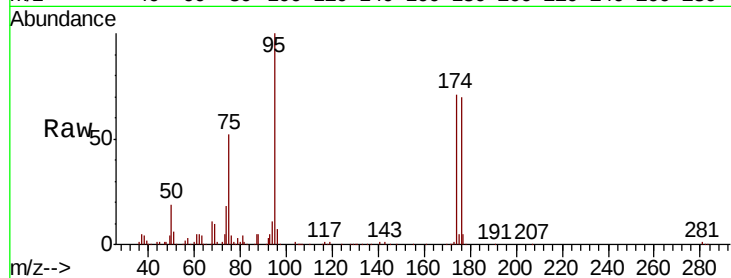
Tot Ion: 75 Resp: 55063

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.0 33.4 50.0#



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

