

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
 Data File : VY001668.D
 Acq On : 18 Feb 2020 12:52
 Operator : SY/MD
 Sample : L1546-20RE
 Misc : 5.83G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 INDIAN-ISLAND-(10)

Quant Time: Feb 19 06:45:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	156066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	285988	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	249054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	98872	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	93594	55.75	ug/l	0.00
Spiked Amount			Recovery	=	111.50%	
35) Dibromofluoromethane	7.74	113	83845	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	
50) Toluene-d8	10.20	98	339511	52.91	ug/l	0.00
Spiked Amount			Recovery	=	105.82%	
62) 4-Bromofluorobenzene	12.49	95	108391	43.48	ug/l	0.00
Spiked Amount			Recovery	=	86.96%	

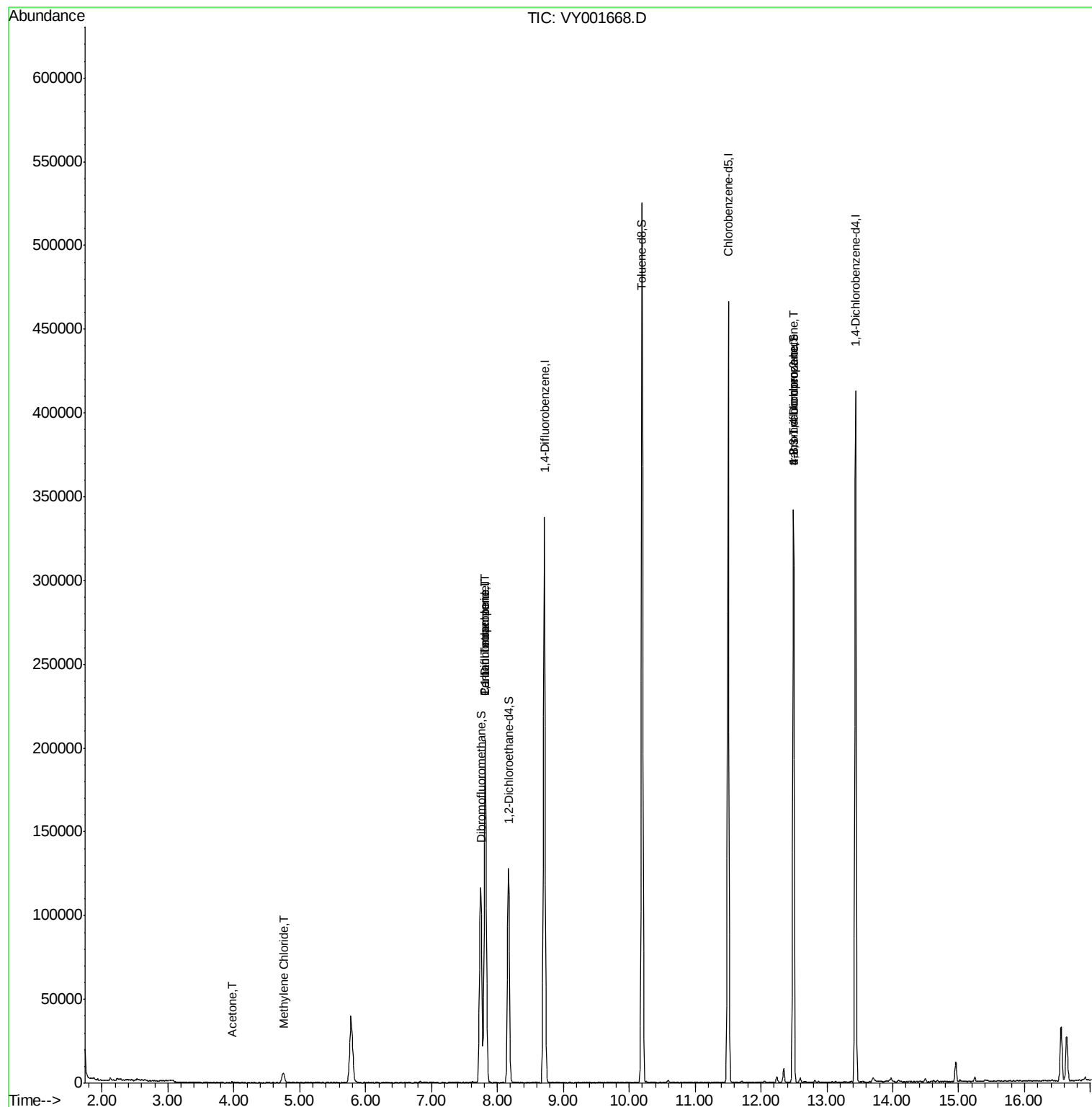
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.02	59	29	Below Cal	#	74
16) Acetone	3.97	43	709	1.221	ug/l	99
20) Methylene Chloride	4.75	84	4355	2.111	ug/l #	88
36) 1,1-Dichloropropene	7.82	75	12926	4.732	ug/l #	49
38) Carbon Tetrachloride	7.82	117	15340	6.393	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	55424	48.867	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	55424	92.708	ug/l #	17

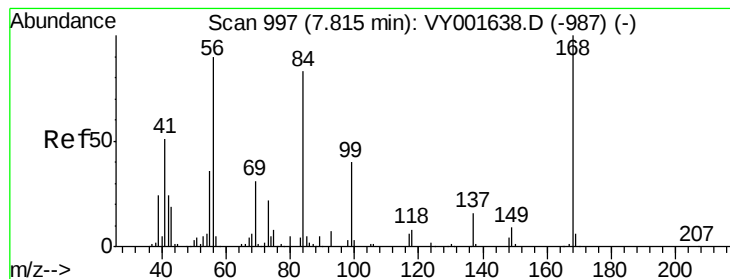
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
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Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001668.D

Acq: 18 Feb 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

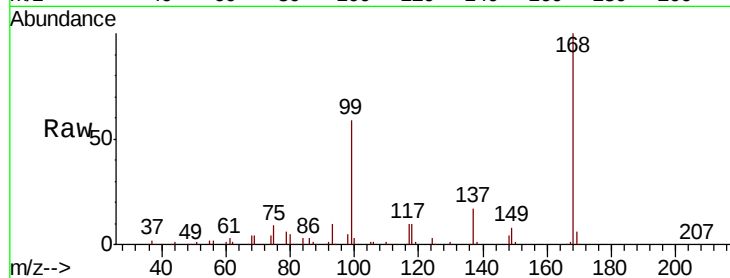
INDIAN-ISLAND-(10)

Tot Ion:168 Resp: 156066

Ion Ratio Lower Upper

168 100

99 59.0 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001668.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001668.D (-948) (-)

7.82

60000

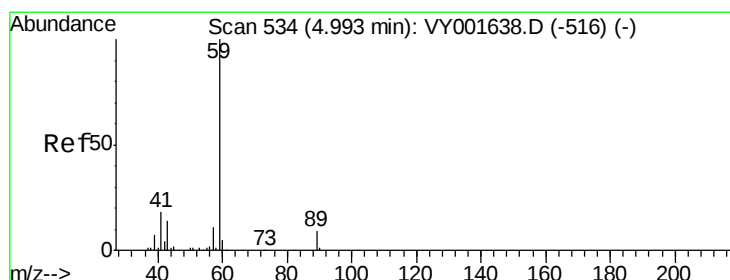
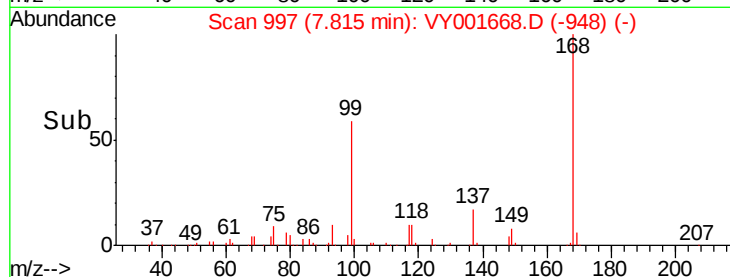
40000

20000

0

Time-->

7.70 7.80 7.90



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.02 min Scan# 538

Delta R.T. 0.03 min

Lab File: VY001668.D

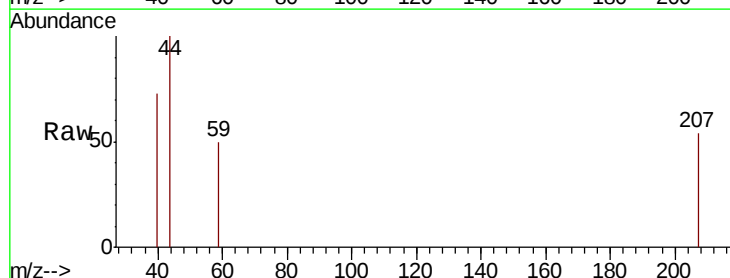
Acq: 18 Feb 2020 12:52

Tgt Ion: 59 Resp: 29

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001668.D (-485) (-)

Ion 57.00 (56.70 to 57.70): VY001668.D (-485) (-)

5.02

80

60

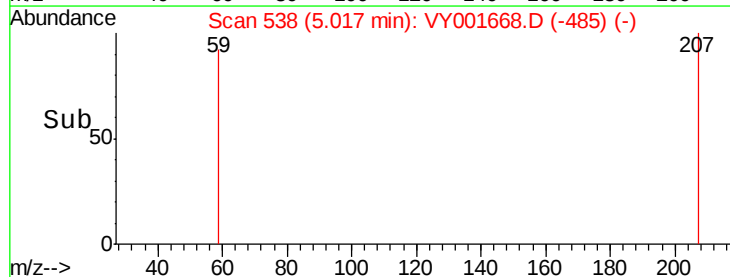
40

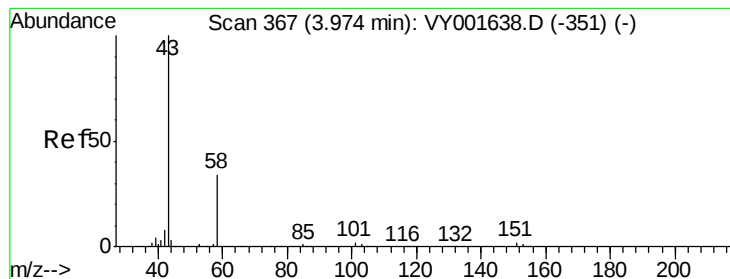
20

0

Time-->

5.00 5.01 5.02 5.03





#16

Acetone

Concen: 1.221 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001668.D

Acq: 18 Feb 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

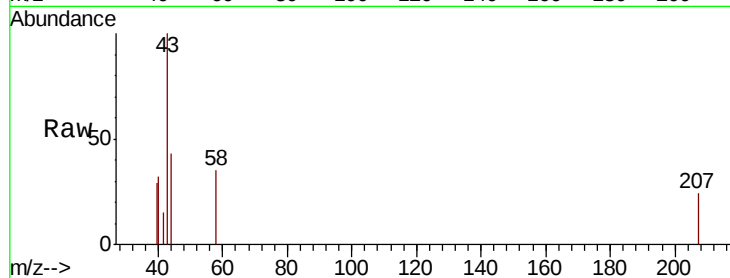
INDIAN-ISLAND-(10)

Tot Ion: 43 Resp: 709

Ion Ratio Lower Upper

43 100

58 34.7 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.97

400

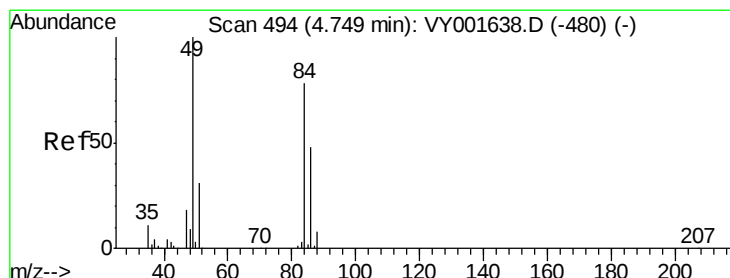
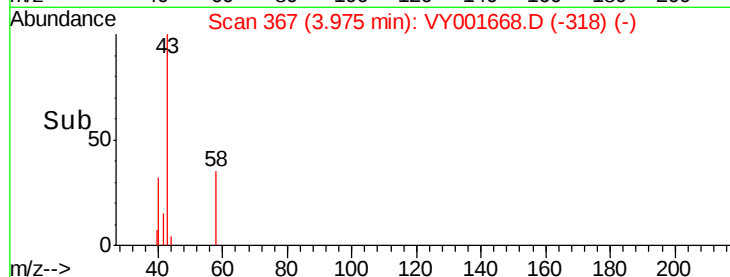
300

200

100

0

Time--> 3.90 3.95 4.00 4.05



#20

Methylene Chloride

Concen: 2.111 ug/l

RT: 4.75 min Scan# 495

Delta R.T. 0.01 min

Lab File: VY001668.D

Acq: 18 Feb 2020 12:52

Tgt Ion: 84 Resp: 4355

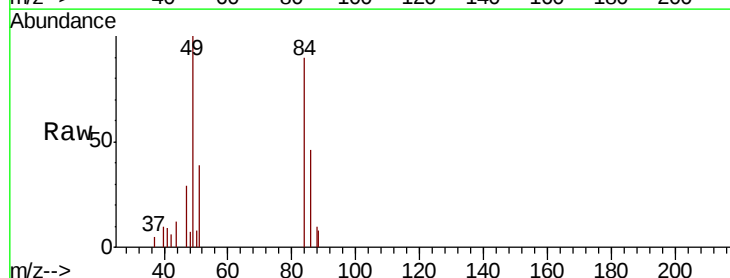
Ion Ratio Lower Upper

84 100

49 110.6 99.2 148.8

51 42.8 31.5 47.3

86 50.7 51.0 76.6#



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

3000

2500

2000

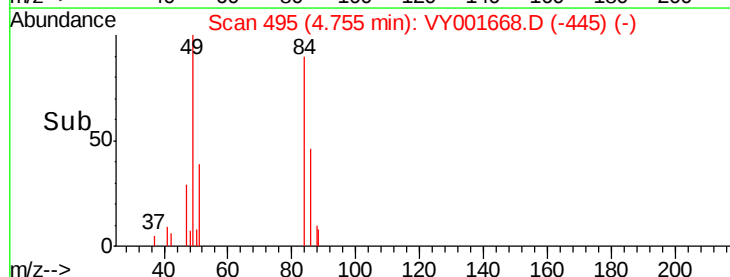
1500

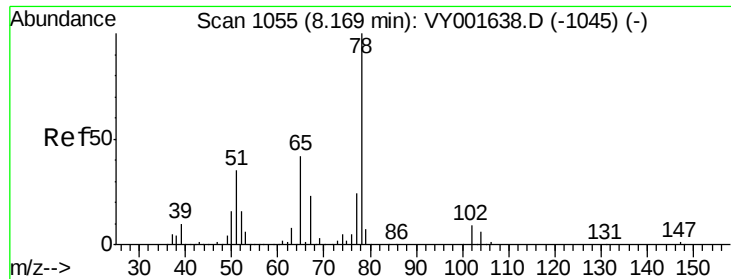
1000

500

0

Time--> 4.65 4.70 4.75 4.80 4.85

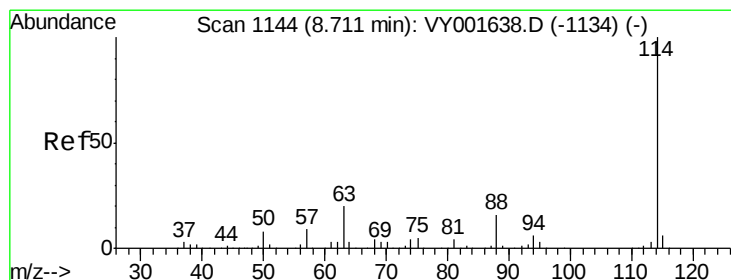
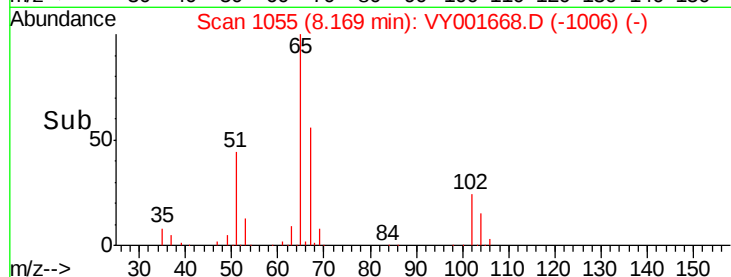
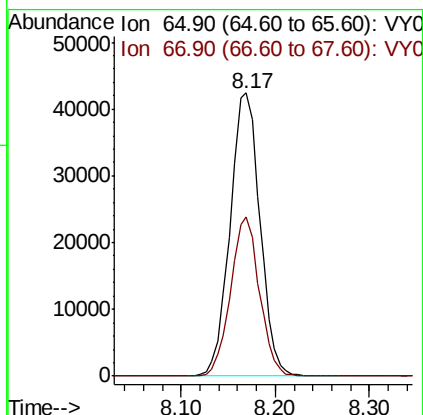
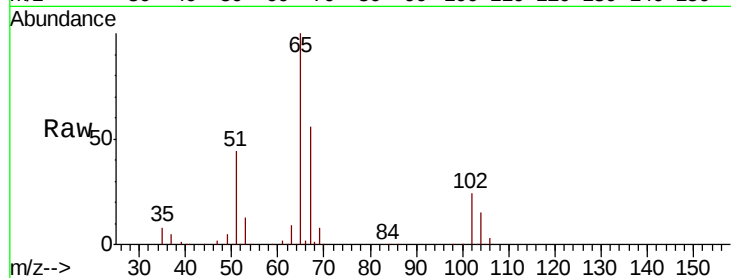




#33
 1,2-Dichloroethane-d4
 Concen: 55.753 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY001668.D
 Acq: 18 Feb 2020 12:52

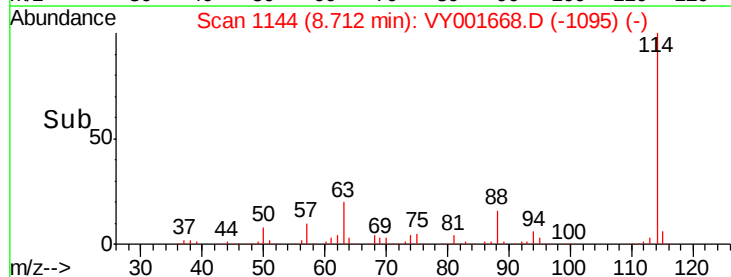
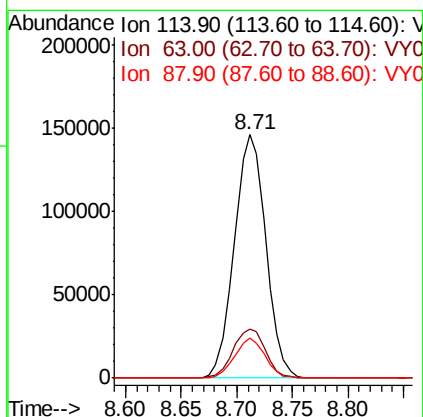
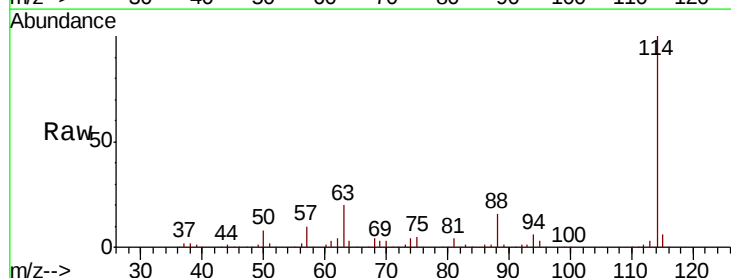
Instrument :
 MSVOA_Y
 ClientSampleId :
 INDIAN-ISLAND-(10)

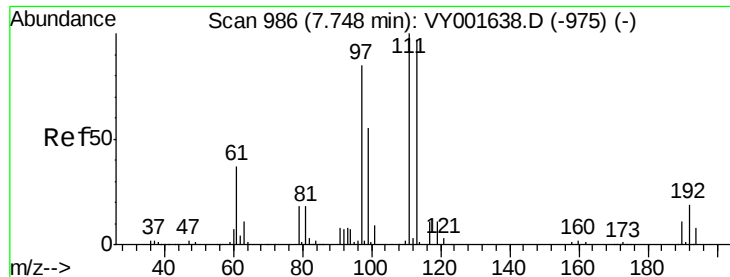
Tot Ion: 65 Resp: 93594
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001668.D
 Acq: 18 Feb 2020 12:52

Tgt Ion: 114 Resp: 285988
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.4
 88 16.3 0.0 32.8

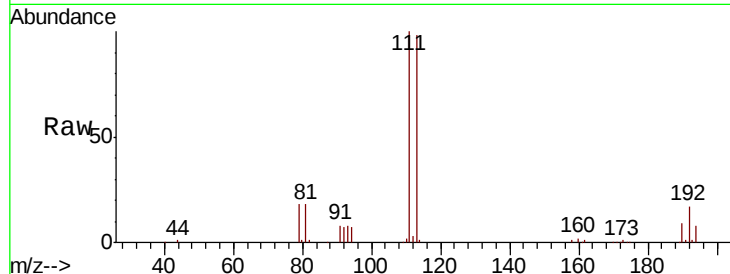




#35
 Dibromofluoromethane
 Concen: 51.187 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001668.D
 Acq: 18 Feb 2020 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 INDIAN-ISLAND-(10)

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.9	122.9
192	18.9	14.3	21.5

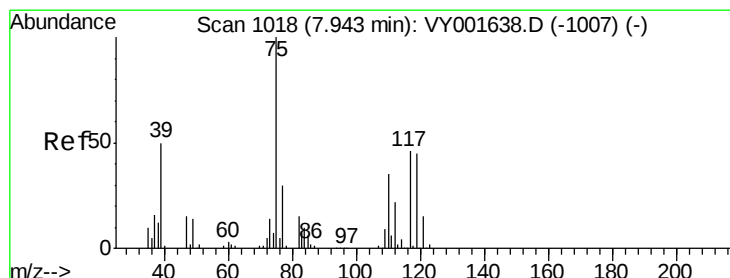
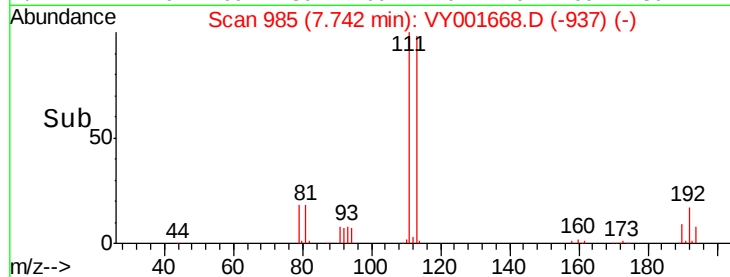
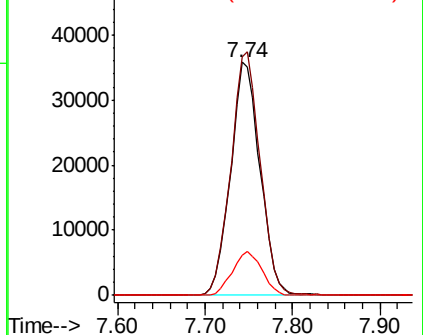


Abundance

Ion 112.80 (112.50 to 113.50): V

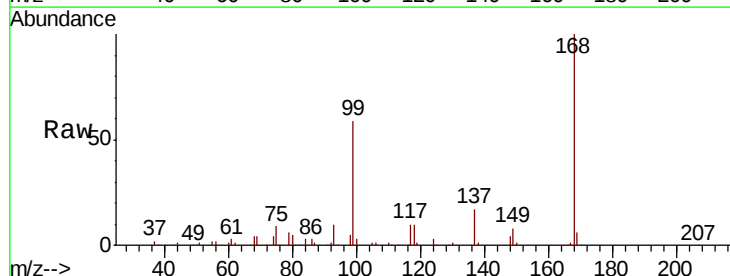
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 4.732 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY001668.D
 Acq: 18 Feb 2020 12:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.3	17.2	51.6#
77	0.0	24.8	37.2#

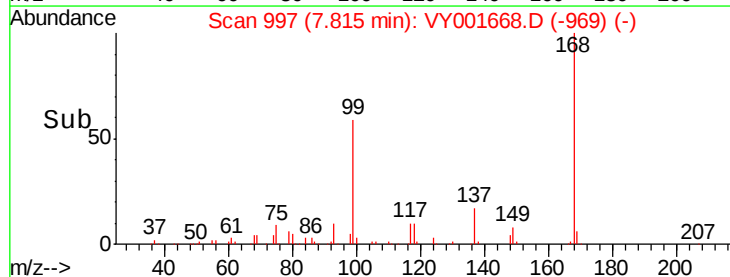
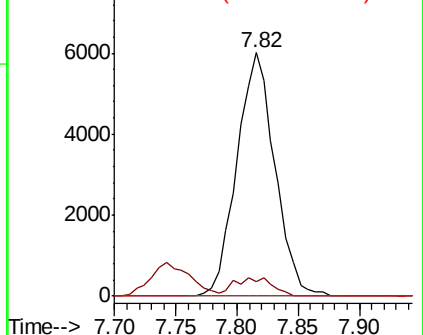


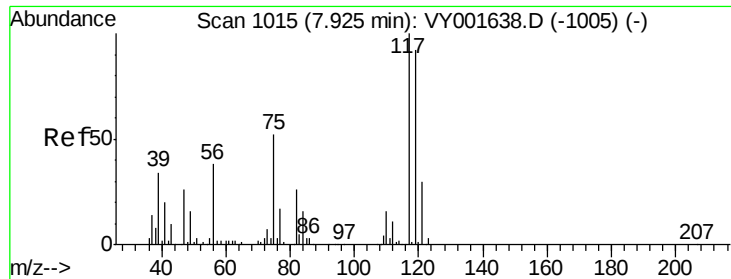
Abundance

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: 6.393 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.11 min

Lab File: VY001668.D

Acq: 18 Feb 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

INDIAN-ISLAND-(10)

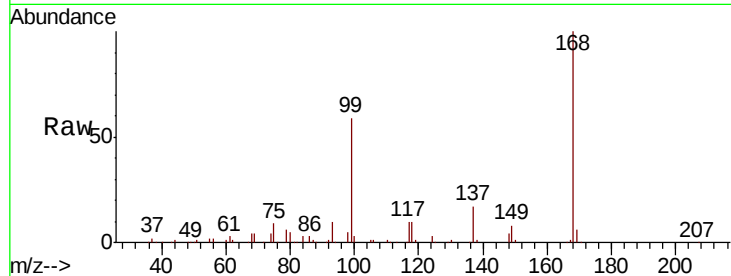
Tot Ion:117 Resp: 15340

Ion Ratio Lower Upper

117 100

119 5.3 74.8 112.2#

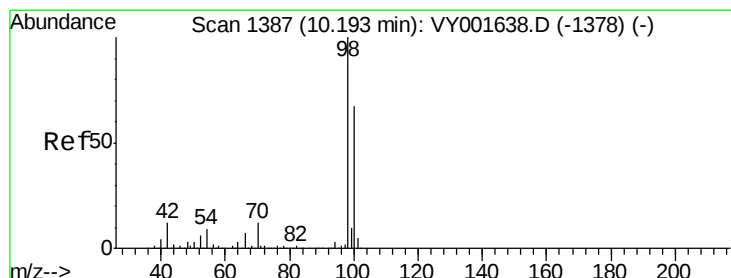
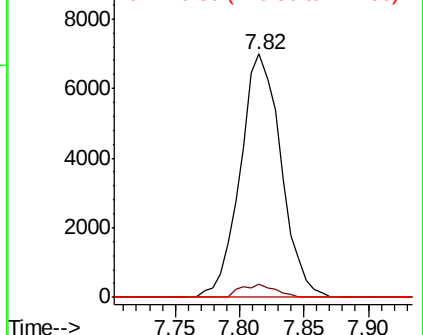
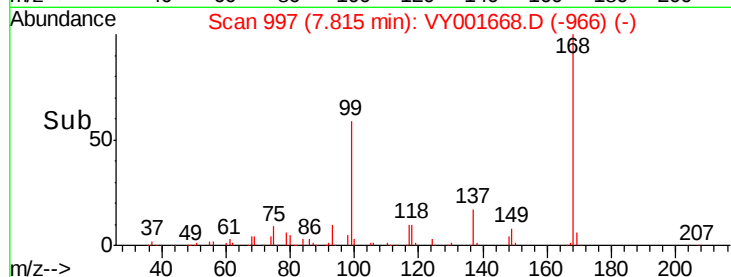
121 0.0 23.8 35.6#



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: 52.906 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001668.D

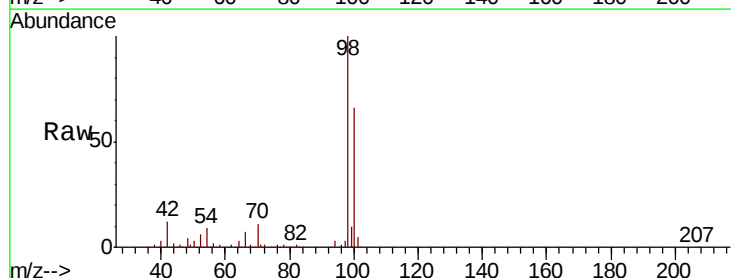
Acq: 18 Feb 2020 12:52

Tgt Ion: 98 Resp: 339511

Ion Ratio Lower Upper

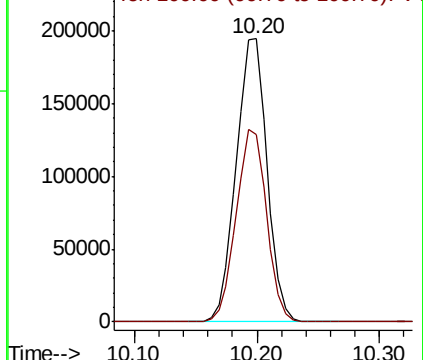
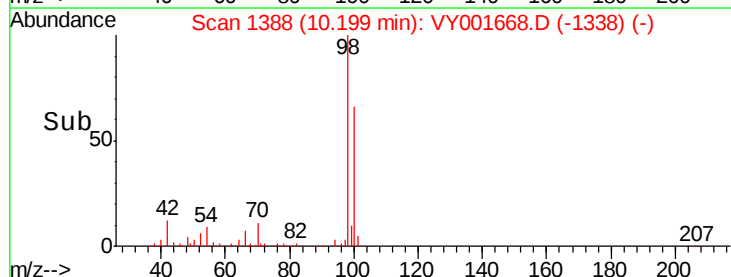
98 100

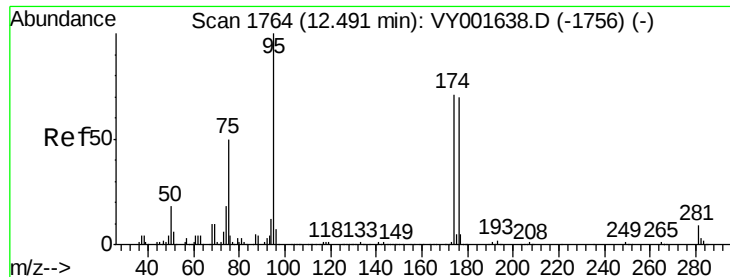
100 67.1 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

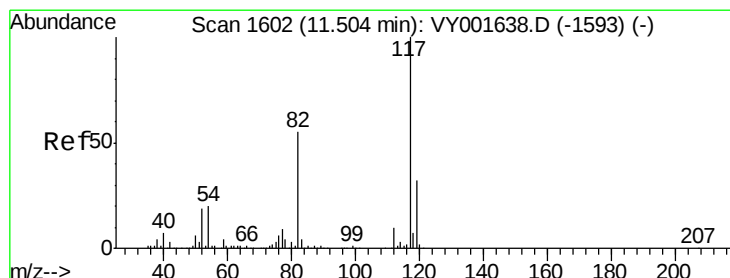
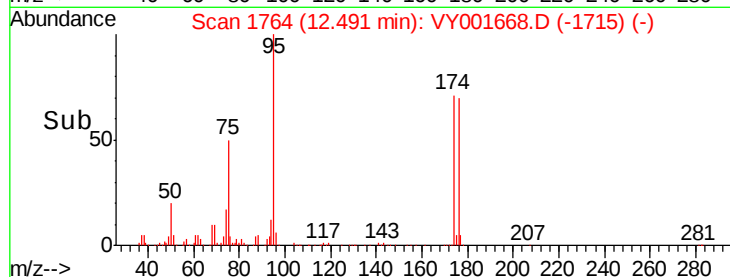
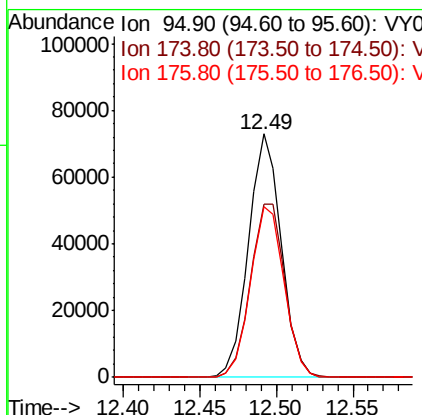
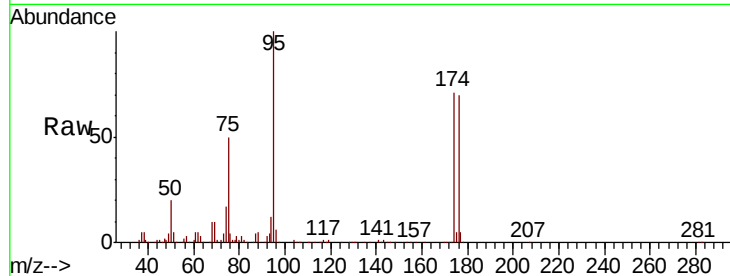




#62
4-Bromofluorobenzene
Concen: 43.477 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001668.D
Acq: 18 Feb 2020 12:52

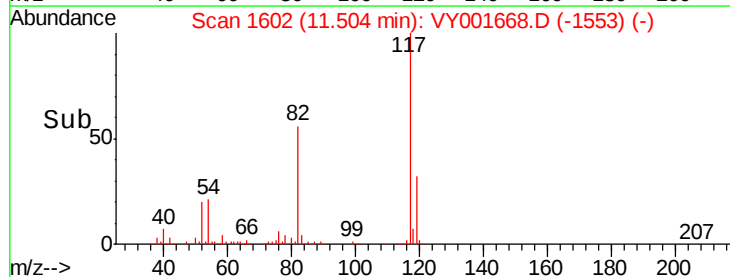
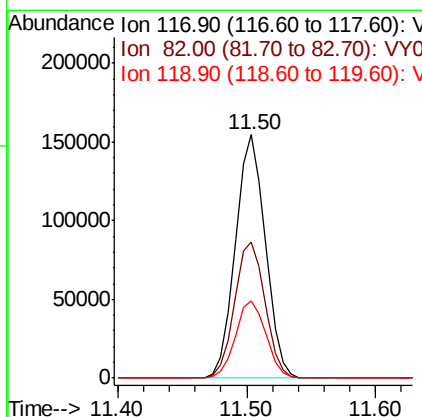
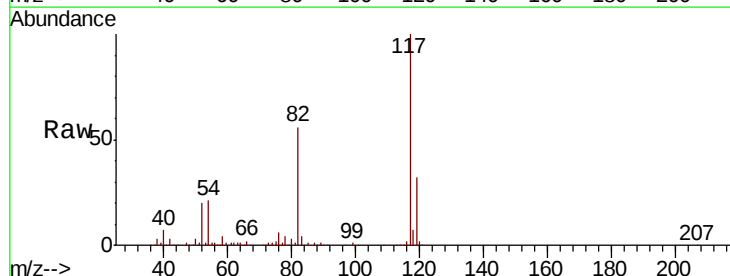
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INDIAN-ISLAND-(10)

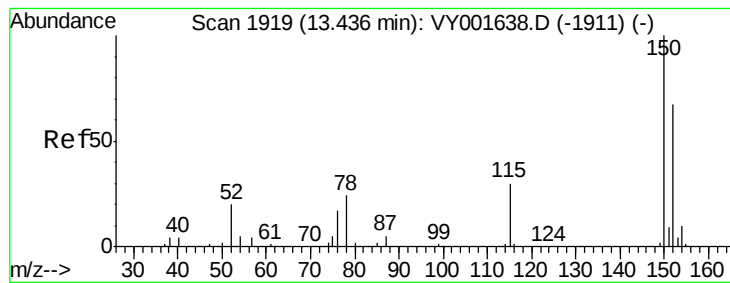
Tot Ion	95	Resp	108391
Ion Ratio	Lower	Upper	
95	100		
174	75.1	0.0	138.4
176	72.3	0.0	131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001668.D
Acq: 18 Feb 2020 12:52

Tgt Ion	117	Resp	249054
Ion Ratio	Lower	Upper	
117	100		
82	56.1	45.5	68.3
119	31.7	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001668.D

Acq: 18 Feb 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

INDIAN-ISLAND-(10)

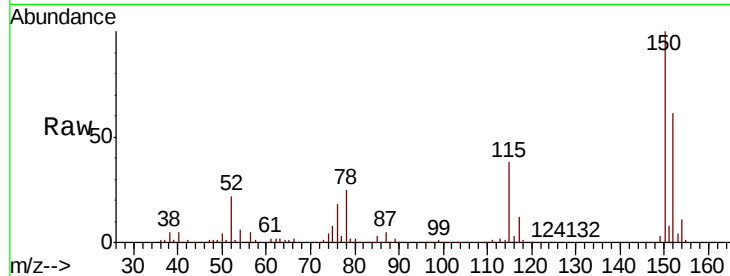
Tot Ion:152 Resp: 98872

Ion Ratio Lower Upper

152 100

115 60.1 31.4 94.2

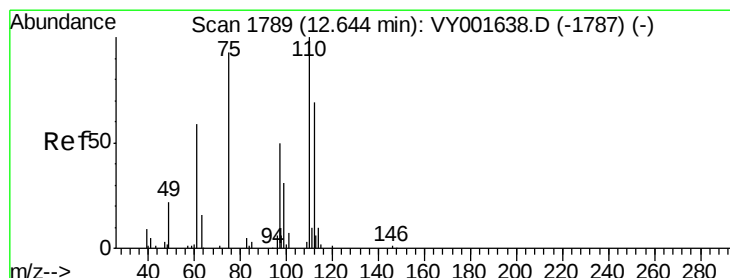
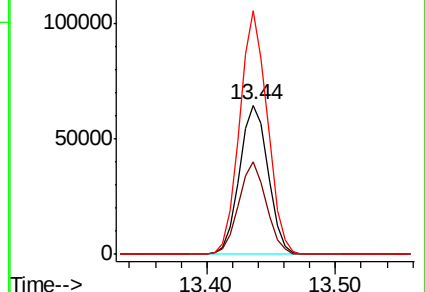
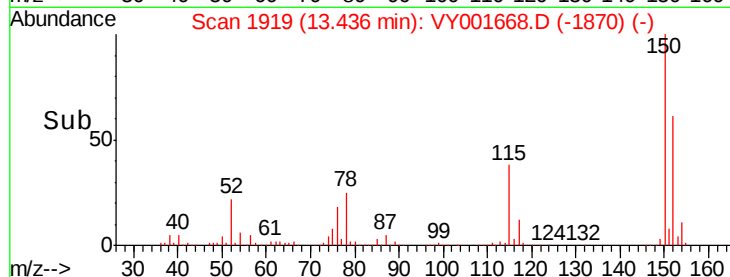
150 158.1 0.0 407.2



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: 48.867 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001668.D

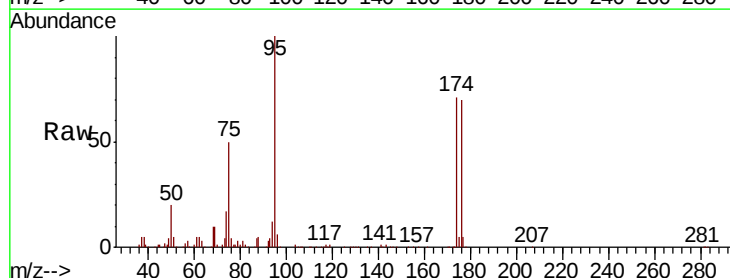
Acq: 18 Feb 2020 12:52

Tgt Ion: 75 Resp: 55424

Ion Ratio Lower Upper

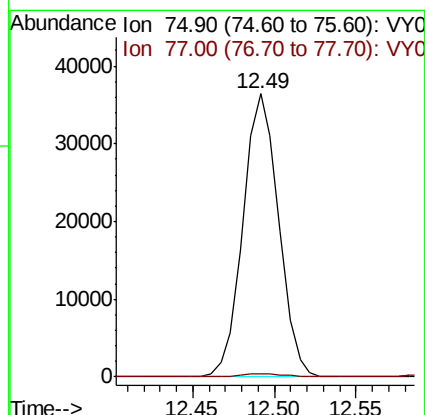
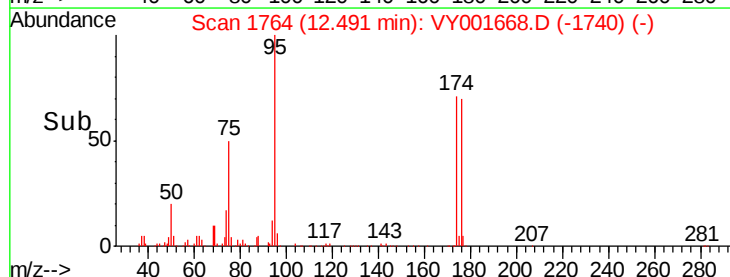
75 100

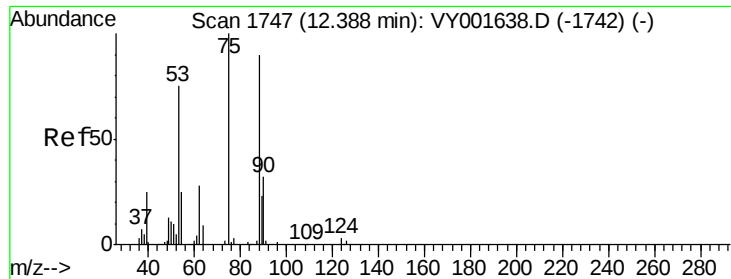
77 1.4 0.0 0.0#



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: 92.708 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001668.D

Acq: 18 Feb 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

INDIAN-ISLAND-(10)

Tot Ion: 75 Resp: 55424

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.0 36.3 54.5#

