

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
 Data File : VY001667.D
 Acq On : 18 Feb 2020 12:30
 Operator : SY/MD
 Sample : L1546-16RE
 Misc : 7.67G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 INDIAN-ISLAND-(8)

Quant Time: Feb 19 06:45:37 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	155144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	289899	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	252617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	101353	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	92102	55.19	ug/l	0.00
Spiked Amount			Recovery	=	110.38%	
35) Dibromofluoromethane	7.74	113	84260	50.75	ug/l	0.00
Spiked Amount			Recovery	=	101.50%	
50) Toluene-d8	10.19	98	346260	53.23	ug/l	0.00
Spiked Amount			Recovery	=	106.46%	
62) 4-Bromofluorobenzene	12.49	95	111134	43.98	ug/l	0.00
Spiked Amount			Recovery	=	87.96%	

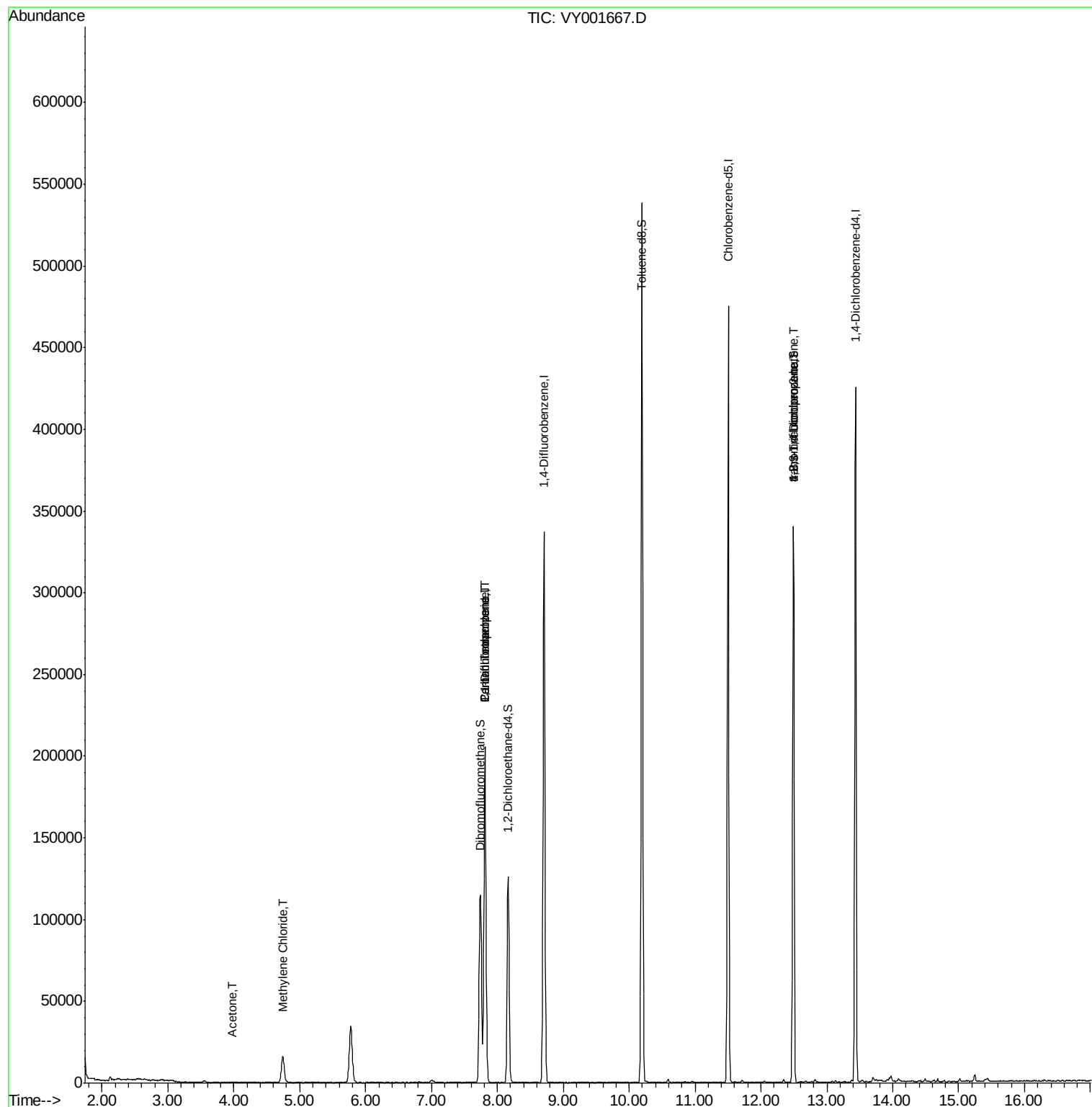
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.96	59	137	Below Cal	#	74
16) Acetone	3.97	43	891	1.543	ug/l #	75
20) Methylene Chloride	4.74	84	11905	5.804	ug/l	93
36) 1,1-Dichloropropene	7.82	75	13164	4.754	ug/l #	49
38) Carbon Tetrachloride	7.82	117	15524	6.383	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	57406	49.375	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	57406	93.673	ug/l #	17

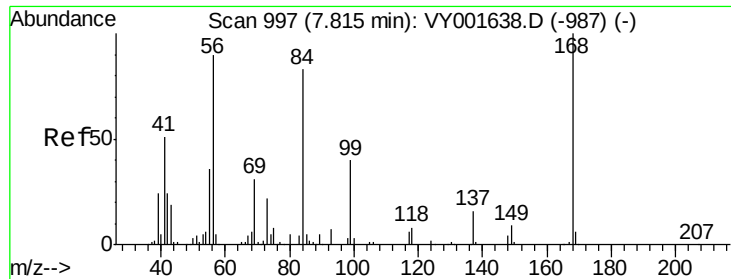
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001667.D

Acq: 18 Feb 2020 12:30

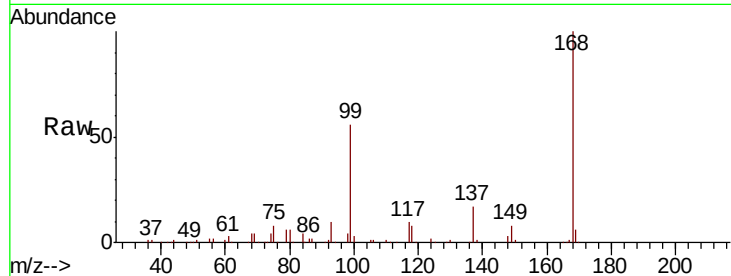
Instrument :
MSVOA_Y
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INDIAN-ISLAND-(8)

Tot Ion:168 Resp: 155144

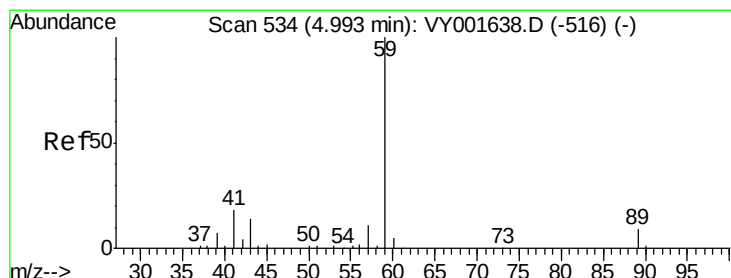
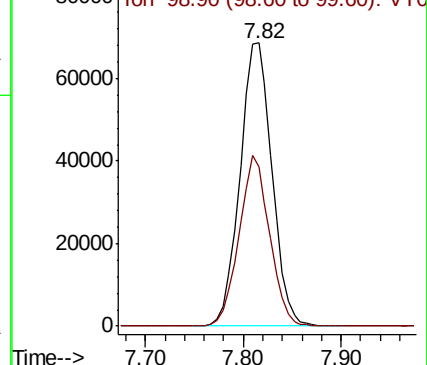
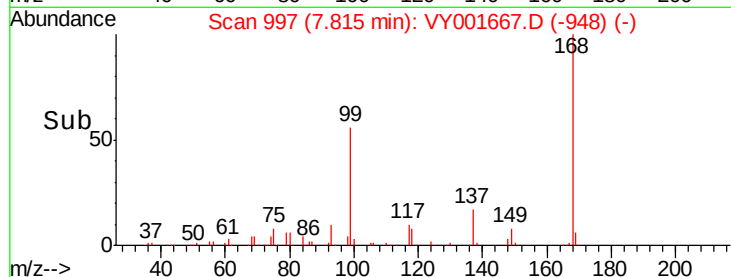
Ion Ratio Lower Upper

168 100

99 56.5 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001667.D (-948) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.96 min Scan# 528

Delta R.T. -0.04 min

Lab File: VY001667.D

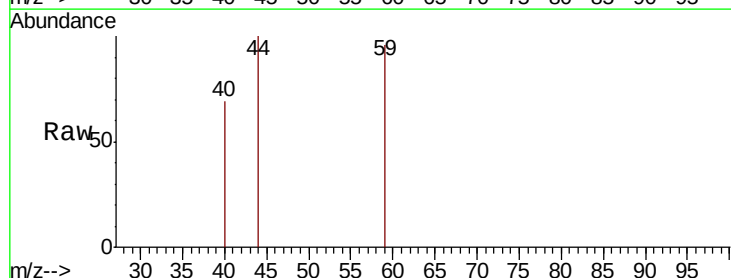
Acq: 18 Feb 2020 12:30

Tgt Ion: 59 Resp: 137

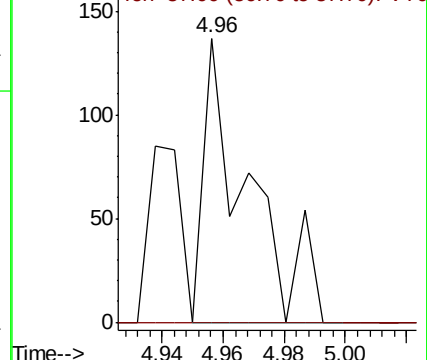
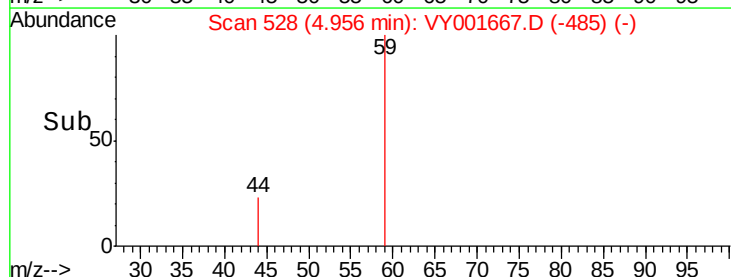
Ion Ratio Lower Upper

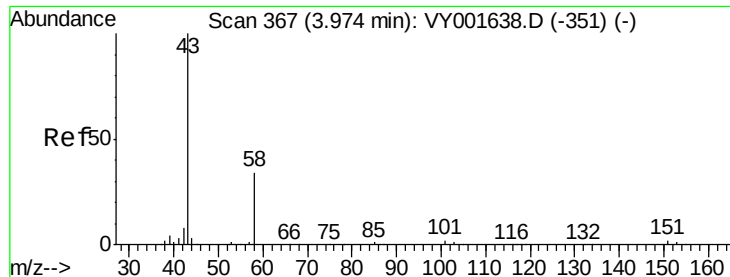
59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001667.D (-485) (-)





#16

Acetone

Concen: 1.543 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001667.D

Acq: 18 Feb 2020 12:30

Instrument :

MSVOA_Y

ClientSampleId :

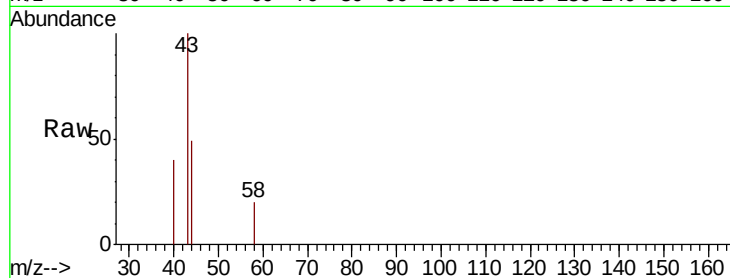
INDIAN-ISLAND-(8)

Tot Ion: 43 Resp: 891

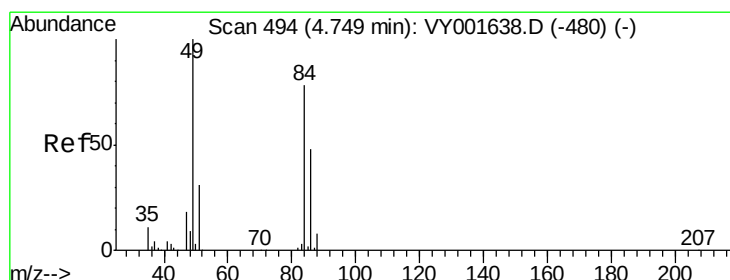
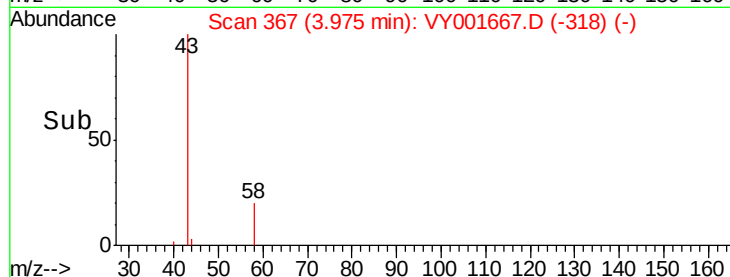
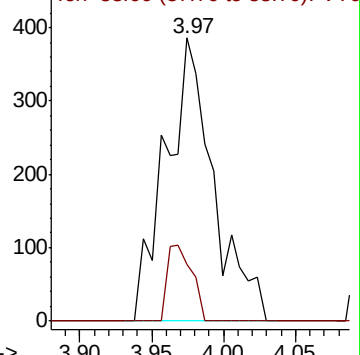
Ion Ratio Lower Upper

43 100

58 19.9 27.3 40.9#



Abundance Ion 43.00 (42.70 to 43.70): VY001667.D (-351) (-)



#20

Methylene Chloride

Concen: 5.804 ug/l

RT: 4.74 min Scan# 493

Delta R.T. -0.01 min

Lab File: VY001667.D

Acq: 18 Feb 2020 12:30

Tgt Ion: 84 Resp: 11905

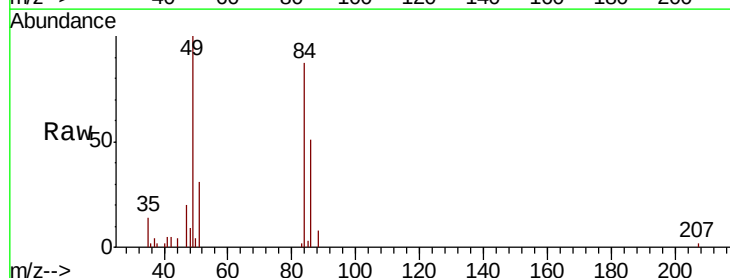
Ion Ratio Lower Upper

84 100

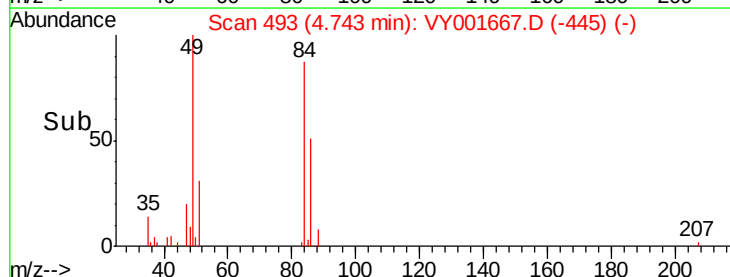
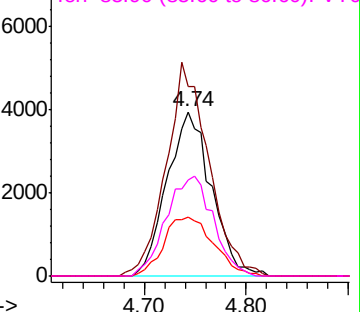
49 115.5 99.2 148.8

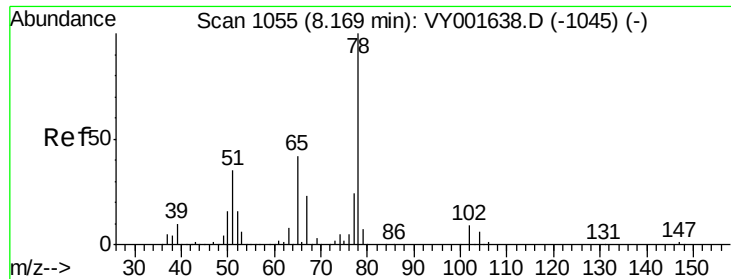
51 35.5 31.5 47.3

86 58.3 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VY001667.D (-445) (-)

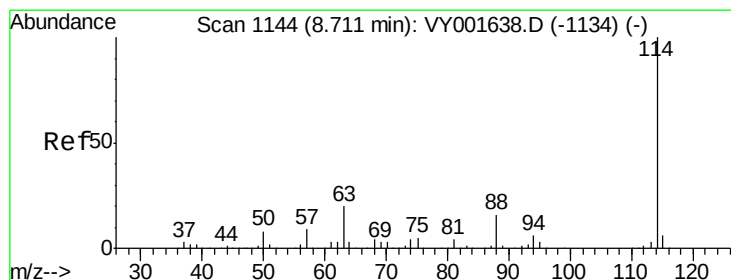
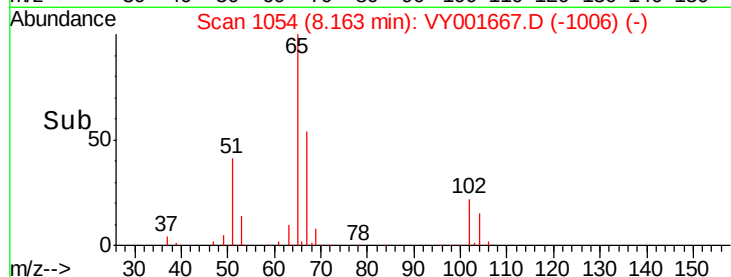
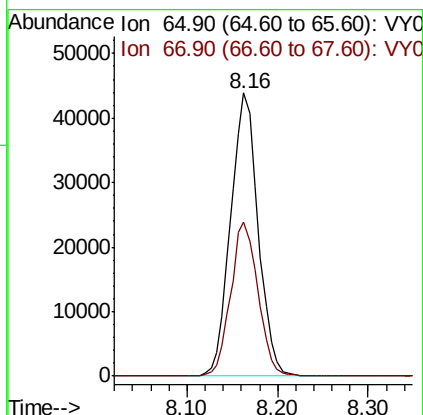
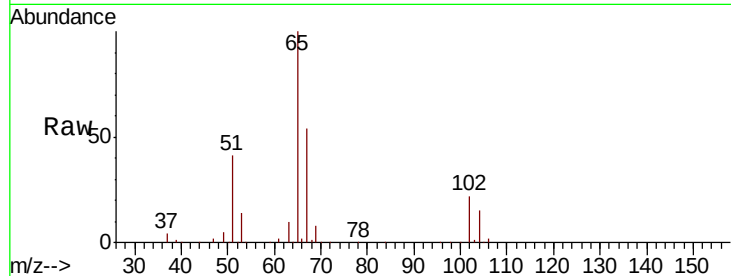




#33
 1,2-Dichloroethane-d4
 Concen: 55.191 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001667.D
 Acq: 18 Feb 2020 12:30

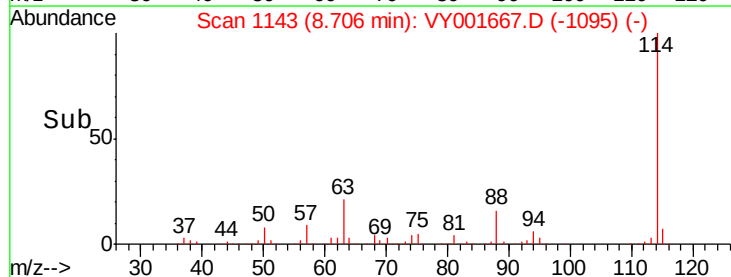
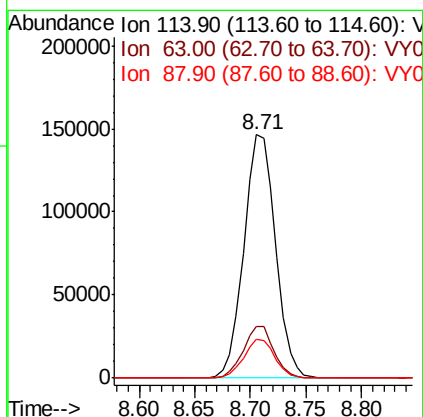
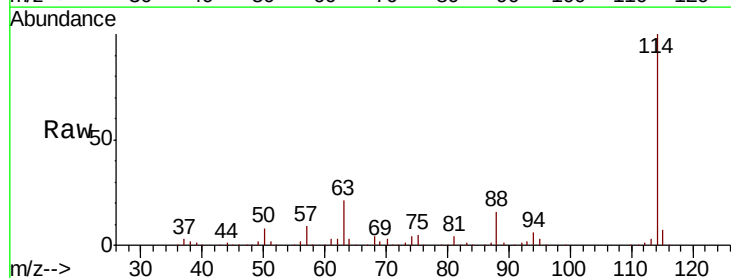
Instrument :
 MSVOA_Y
 ClientSampleId :
 INDIAN-ISLAND-(8)

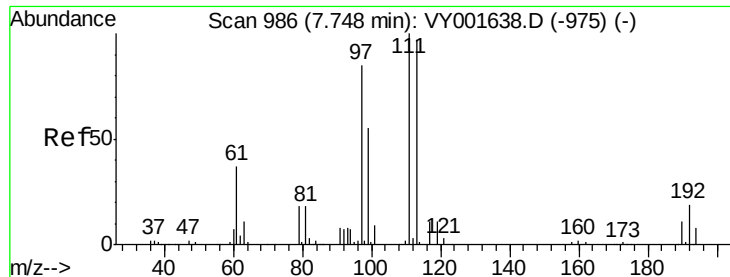
Tot Ion: 65 Resp: 92102
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001667.D
 Acq: 18 Feb 2020 12:30

Tgt Ion: 114 Resp: 289899
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 41.4
 88 15.8 0.0 32.8

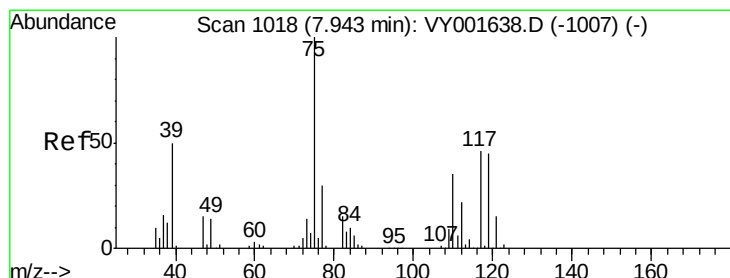
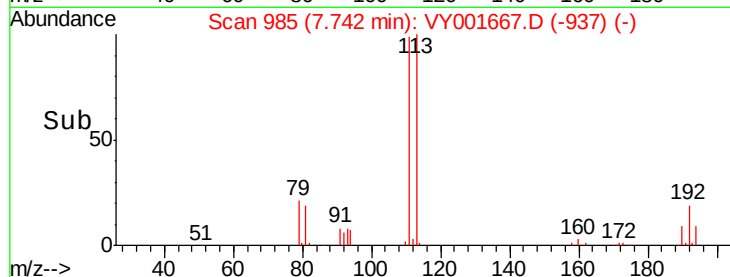
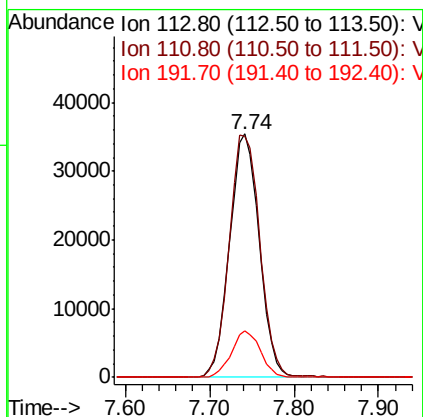
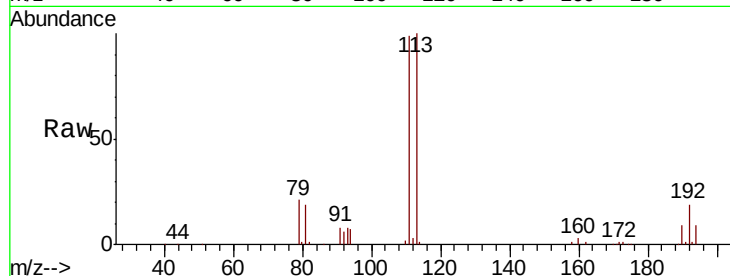




#35
 Dibromofluoromethane
 Concen: 50.746 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001667.D
 Acq: 18 Feb 2020 12:30

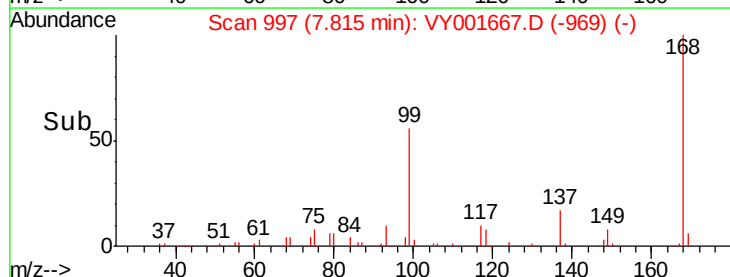
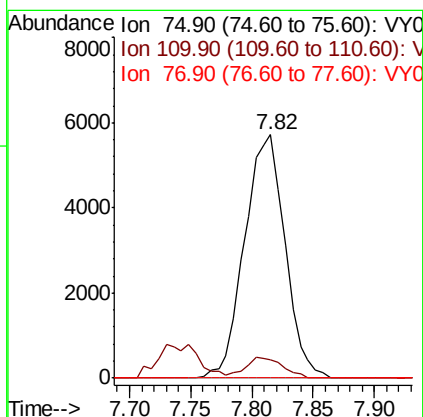
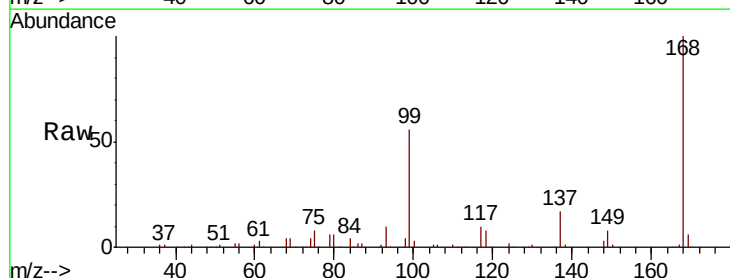
Instrument :
 MSVOA_Y
 ClientSampleId :
 INDIAN-ISLAND-(8)

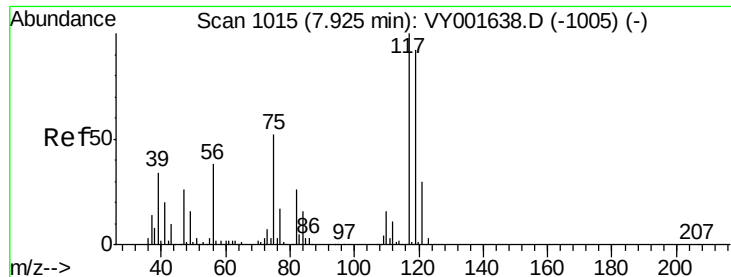
Tot Ion:113 Resp: 84260
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.9 122.9
 192 18.6 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 4.754 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY001667.D
 Acq: 18 Feb 2020 12:30

Tgt Ion: 75 Resp: 13164
 Ion Ratio Lower Upper
 75 100
 110 7.8 17.2 51.6#
 77 0.0 24.8 37.2#

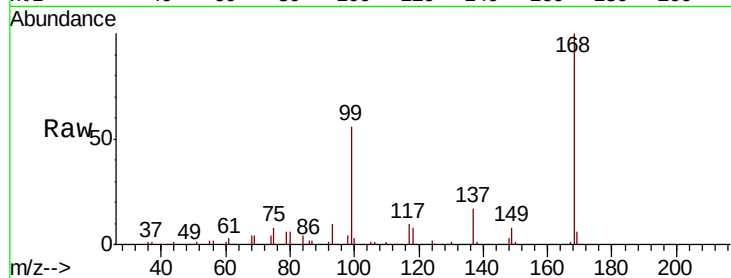




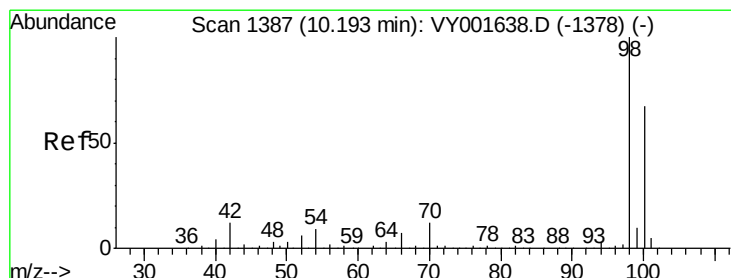
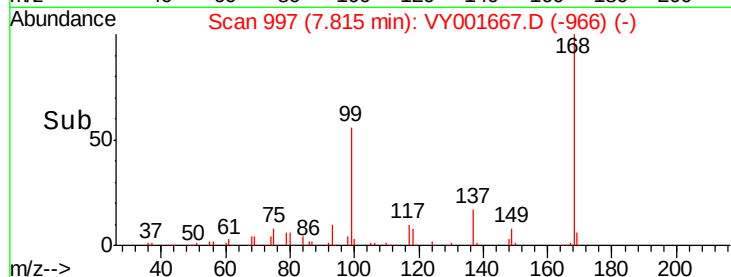
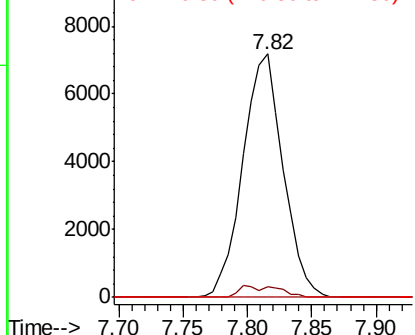
#38
Carbon Tetrachloride
Concen: 6.383 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.11 min
Lab File: VY001667.D
Acq: 18 Feb 2020 12:30

Instrument :
MSVOA_Y
ClientSampleId :
INDIAN-ISLAND-(8)

Tot Ion:117 Resp: 15524
Ion Ratio Lower Upper
117 100
119 4.4 74.8 112.2#
121 0.0 23.8 35.6#

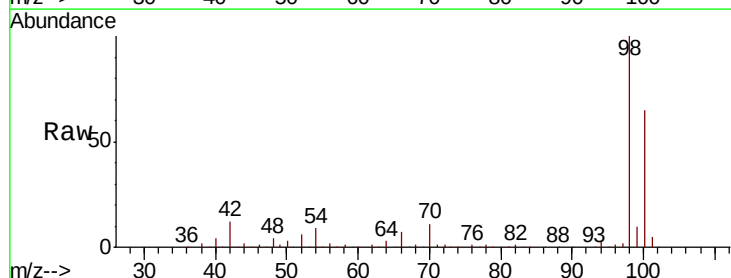


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

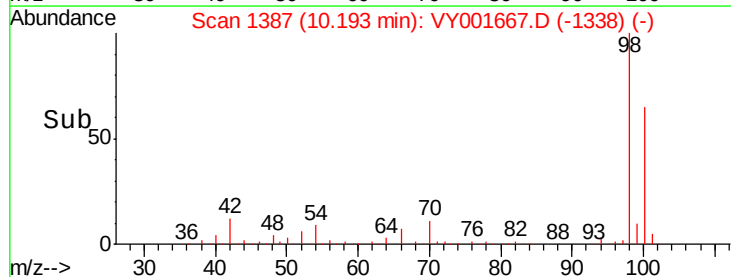
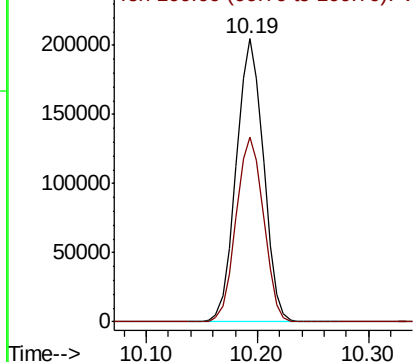


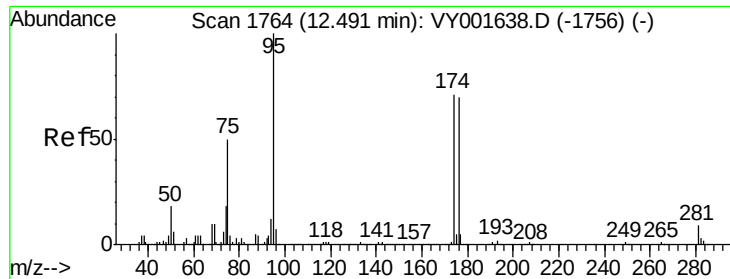
#50
Toluene-d8
Concen: 53.230 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001667.D
Acq: 18 Feb 2020 12:30

Tgt Ion: 98 Resp: 346260
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4



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

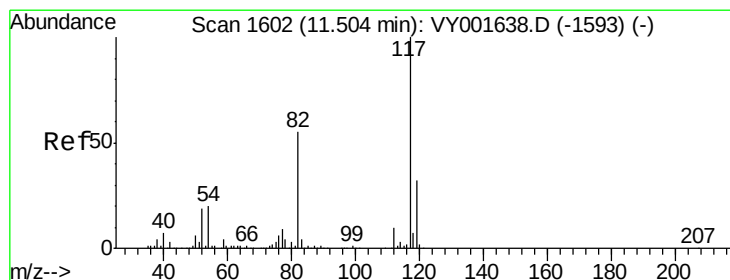
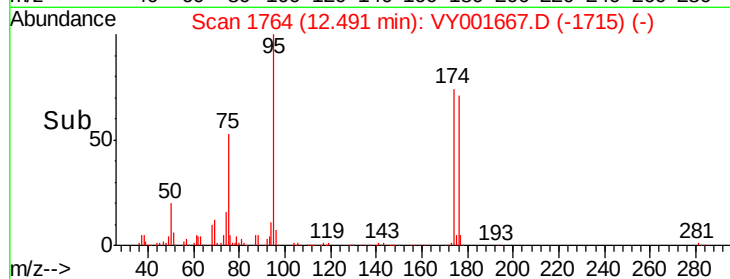
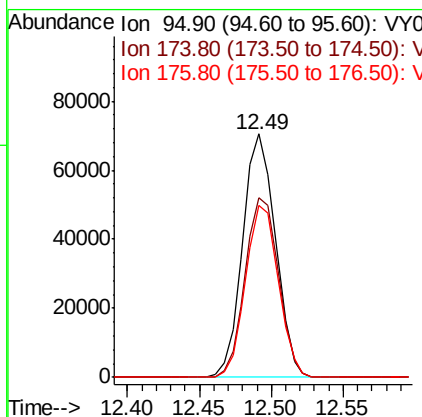
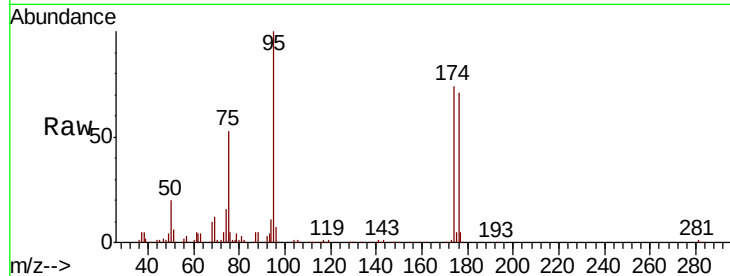




#62
4-Bromofluorobenzene
Concen: 43.976 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001667.D
Acq: 18 Feb 2020 12:30

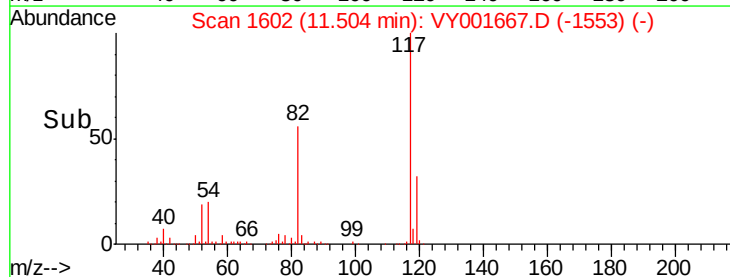
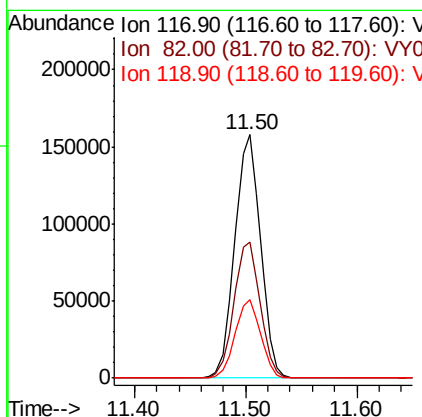
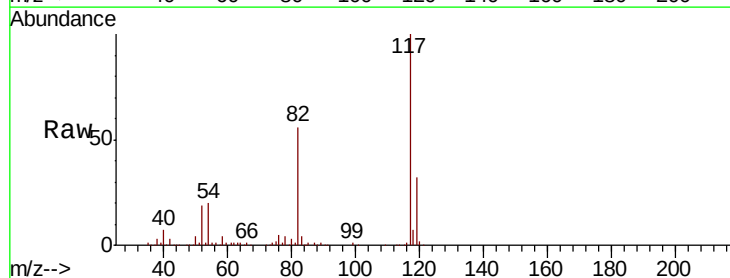
Instrument :
MSVOA_Y
ClientSampleId :
INDIAN-ISLAND-(8)

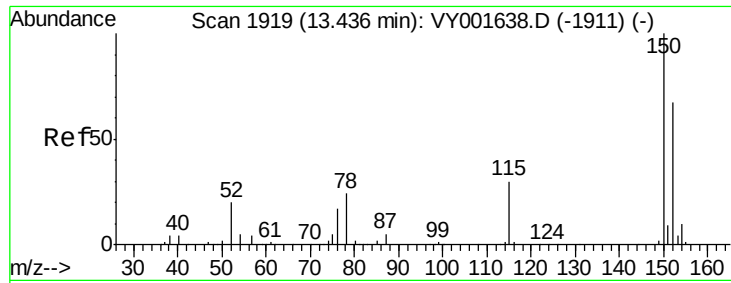
Tot Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	138.4
176	70.7	0.0	131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001667.D
Acq: 18 Feb 2020 12:30

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.5	68.3
119	32.2	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: VY001667.D

Acq: 18 Feb 2020 12:30

Instrument :

MSVOA_Y

ClientSampleId :

INDIAN-ISLAND-(8)

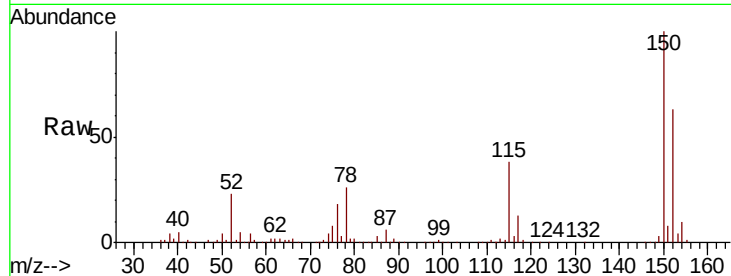
Tot Ion:152 Resp: 101353

Ion Ratio Lower Upper

152 100

115 60.8 31.4 94.2

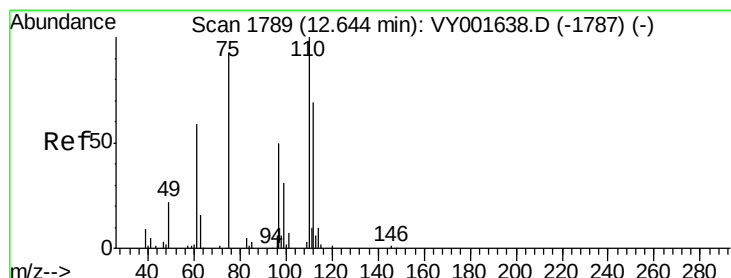
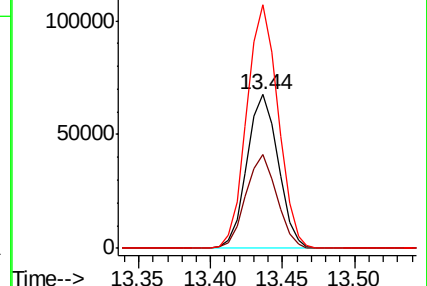
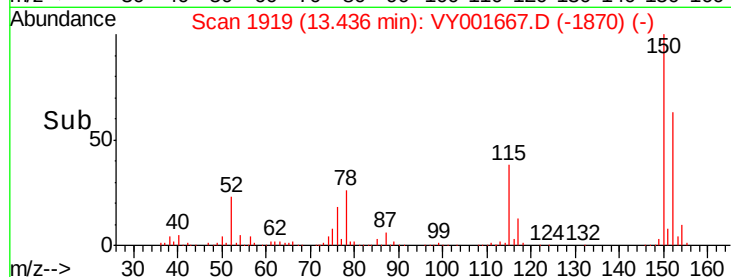
150 159.3 0.0 407.2



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: 49.375 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001667.D

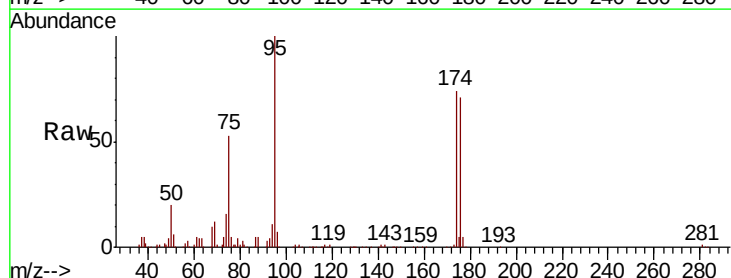
Acq: 18 Feb 2020 12:30

Tgt Ion: 75 Resp: 57406

Ion Ratio Lower Upper

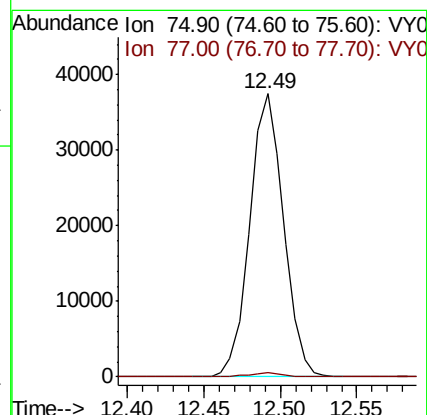
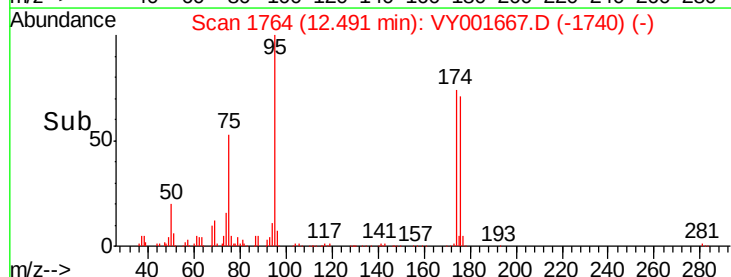
75 100

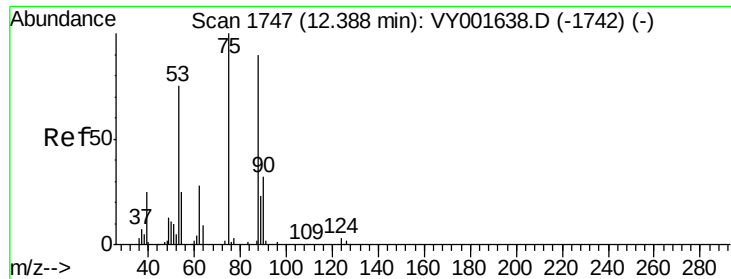
77 1.3 0.0 0.0#



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: 93.673 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001667.D

Acq: 18 Feb 2020 12:30

Instrument :

MSVOA_Y

ClientSampleId :

INDIAN-ISLAND-(8)

Tot Ion: 75 Resp: 57406

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.0 36.3 54.5#

