

Data File : VU027797.D
Acq On : 24 Oct 2018 20:12
Operator : MD/SY
Sample : J5599-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H1A05

Quant Time: Oct 25 07:25:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 07:21:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	39897	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	38334	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	19246	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	15976	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.68	69	12619	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.28	63	22266	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	4.19	46	50577	51.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.30%
24) Chloroform-d	4.65	84	26499	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.31	65	16346	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.34	84	51082	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.33	67	18485	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.57	98	46849	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.85	79	6938	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.31	63	41838	51.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	13726	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	18023	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

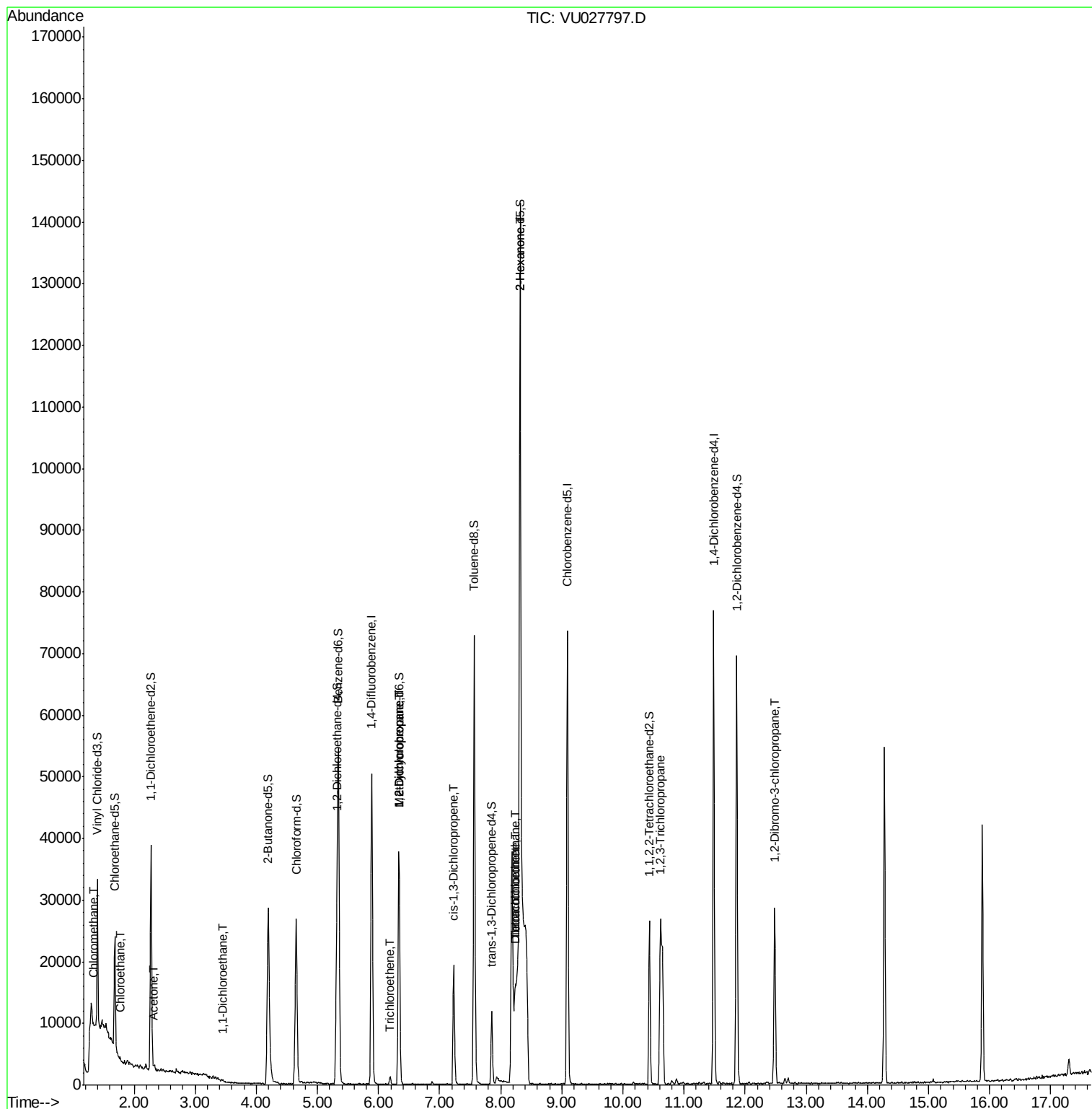
					Qvalue
3) Chloromethane	1.33	50	570	0.131 ug/L #	41
8) Chloroethane	1.77	64	491	0.217 ug/L #	55
13) Acetone	2.33	43	1060	1.487 ug/L	63
19) 1,1-Dichloroethane	3.44	63	642	0.104 ug/L #	49
34) Trichloroethene	6.19	95	552	0.167 ug/L	88
35) Methylcyclohexane	6.33	83	3984	0.722 ug/L #	14
37) 1,2-Dichloropropane	6.34	63	1913	0.511 ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	400	0.075 ug/L #	54
47) Tetrachloroethene	8.23	164	551	0.206 ug/L	80
48) 2-Hexanone	8.31	43	5759	2.899 ug/L #	68
49) Dibromochloromethane	8.22	129	430	0.149 ug/L #	10
59) 1,2,3-Trichloropropane	10.61	75	238	0.101 ug/L #	42
66) 1,2-Dibromo-3-chloropropan	12.48	75	942	1.858 ug/L #	13

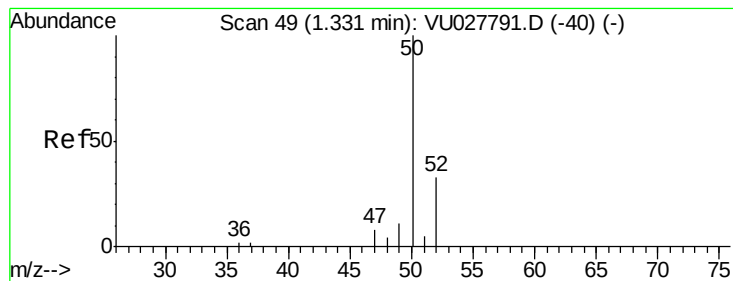
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU027797.D
Acq On : 24 Oct 2018 20:12
Operator : MD/SY
Sample : J5599-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H1A05

Quant Time: Oct 25 07:25:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 07:21:42 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.131 ug/L

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027797.D

Acq: 24 Oct 2018 20:12

Instrument :

MSVOA_U

ClientSampleId :

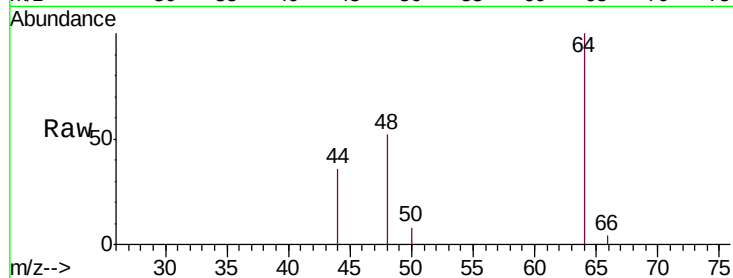
H1A05

Tgt Ion: 50 Resp: 570

Ion Ratio Lower Upper

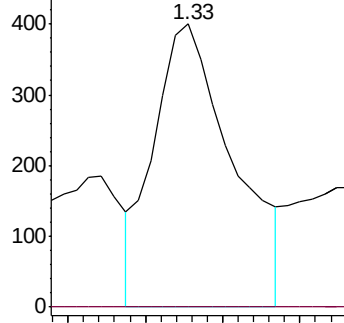
50 100

52 0.0 23.7 43.9#

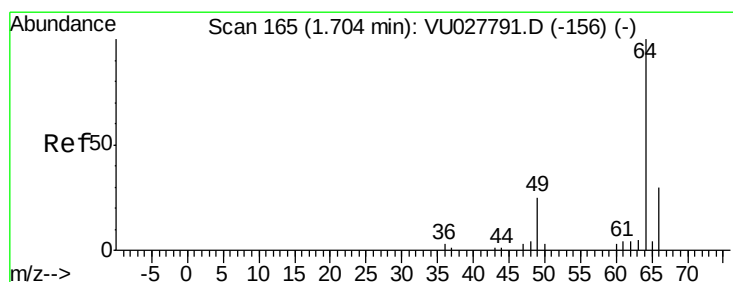
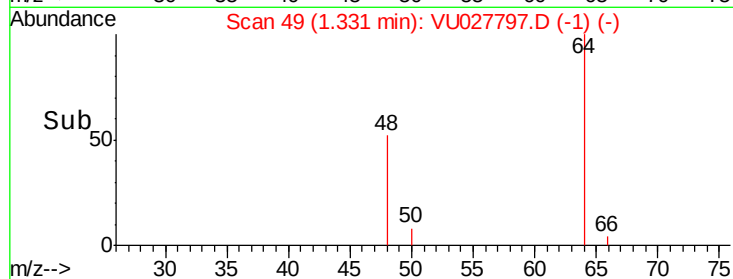


Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



Time-->



#8

Chloroethane

Concen: 0.217 ug/L

RT: 1.77 min Scan# 185

Delta R.T. 0.06 min

Lab File: VU027797.D

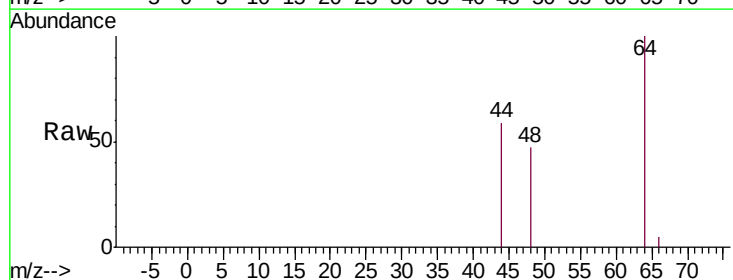
Acq: 24 Oct 2018 20:12

Tgt Ion: 64 Resp: 491

Ion Ratio Lower Upper

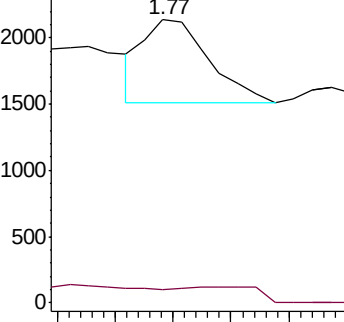
64 100

66 4.9 20.3 37.7#

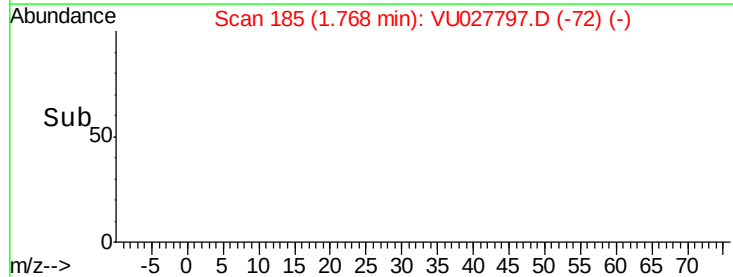


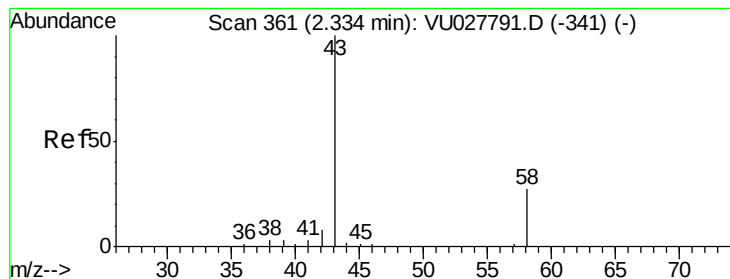
Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



Time-->





#13

Acetone

Concen: 1.487 ug/L

RT: 2.33 min Scan# 359

Delta R.T. -0.01 min

Lab File: VU027797.D

Acq: 24 Oct 2018 20:12

Instrument :

MSVOA_U

ClientSampleId :

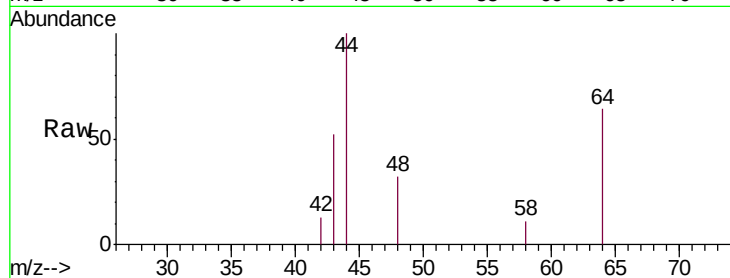
H1A05

Tgt Ion: 43 Resp: 1060

Ion Ratio Lower Upper

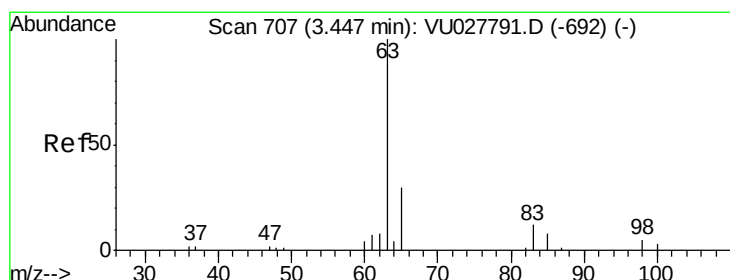
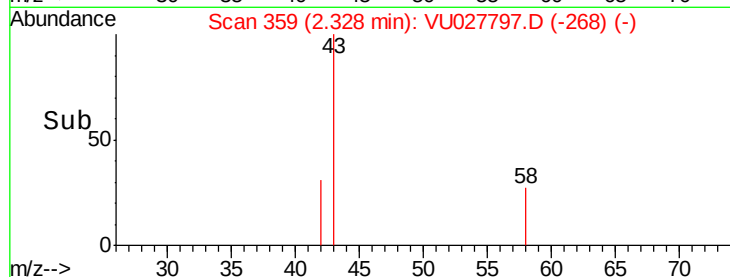
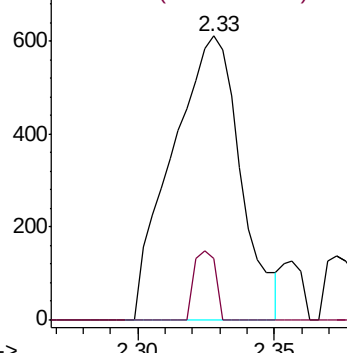
43 100

58 7.5 0.0 52.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#19

1,1-Dichloroethane

Concen: 0.104 ug/L

RT: 3.44 min Scan# 706

Delta R.T. -0.00 min

Lab File: VU027797.D

Acq: 24 Oct 2018 20:12

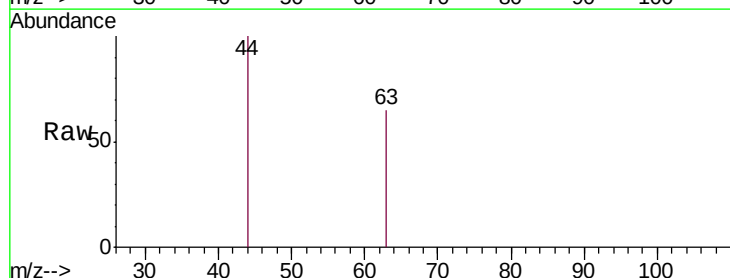
Tgt Ion: 63 Resp: 642

Ion Ratio Lower Upper

63 100

65 0.0 23.1 42.9#

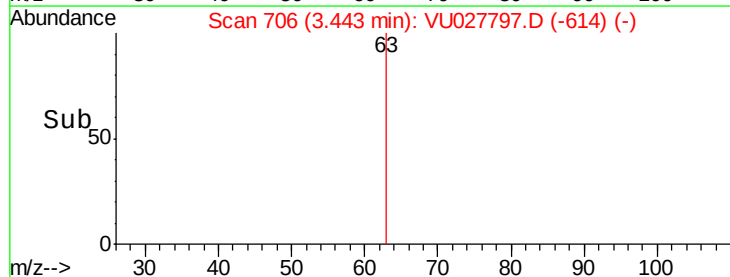
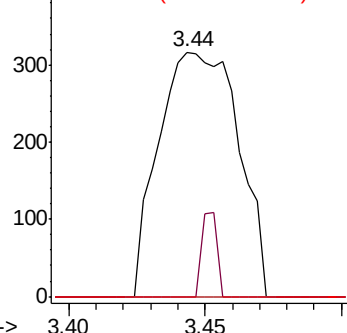
83 0.0 9.2 17.0#

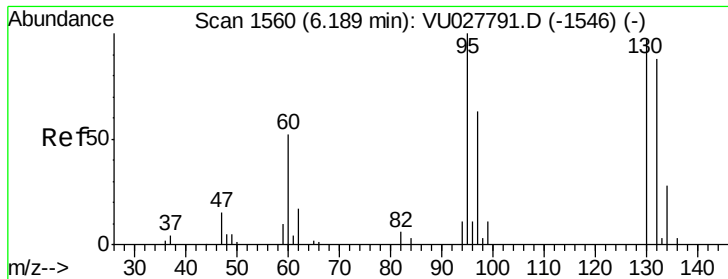


Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 65.10 (64.80 to 65.80): VU0

Ion 83.05 (82.75 to 83.75): VU0





#34

Trichloroethene

Concen: 0.167 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027797.D

Acq: 24 Oct 2018 20:12

Instrument :

MSVOA_U

ClientSampleId :

H1A05

Tgt Ion: 95 Resp: 552

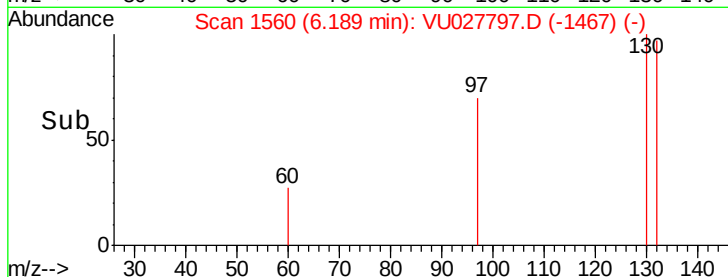
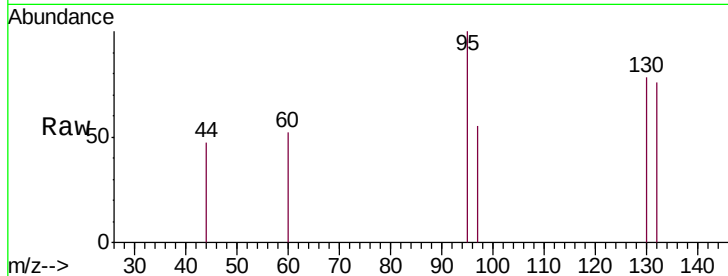
Ion Ratio Lower Upper

95 100

97 54.9 46.4 86.2

132 76.0 62.0 115.2

130 78.0 59.5 110.5

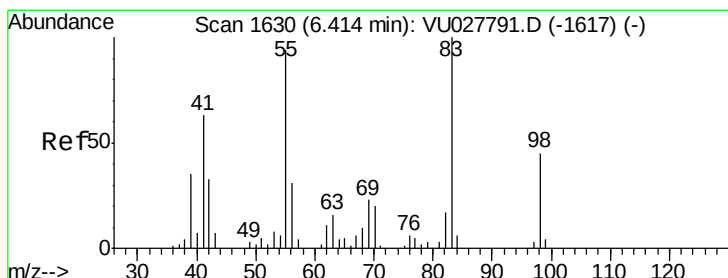
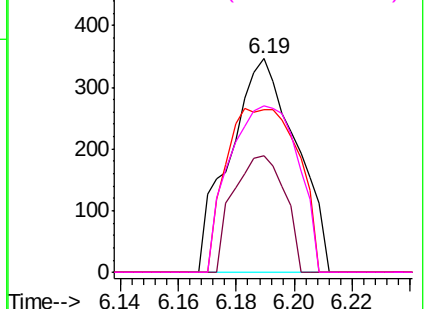


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.722 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU027797.D

Acq: 24 Oct 2018 20:12

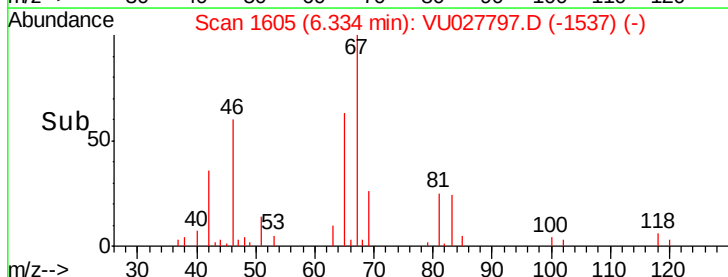
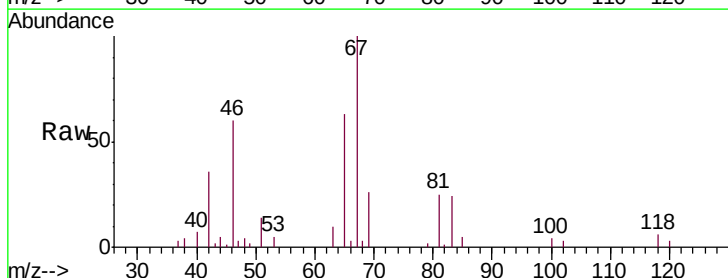
Tgt Ion: 83 Resp: 3984

Ion Ratio Lower Upper

83 100

55 0.0 71.5 107.3#

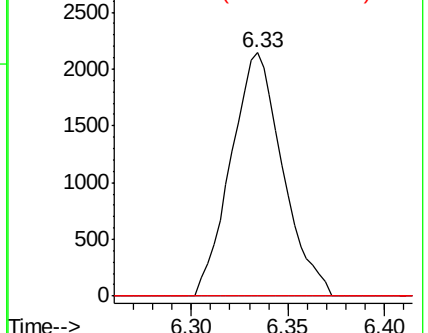
98 0.0 35.4 53.0#

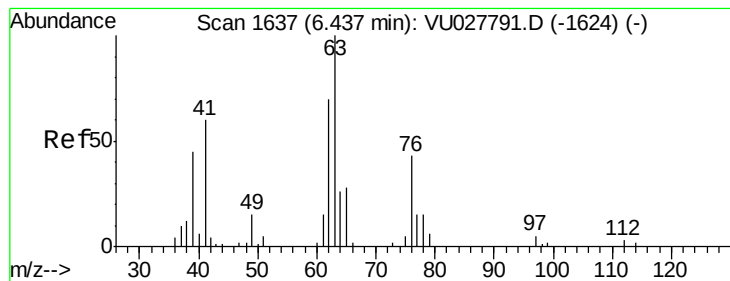


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.511 ug/L

RT: 6.34 min Scan# 1607

Delta R.T. -0.10 min

Lab File: VU027797.D

Acq: 24 Oct 2018 20:12

Instrument :

MSVOA_U

ClientSampleId :

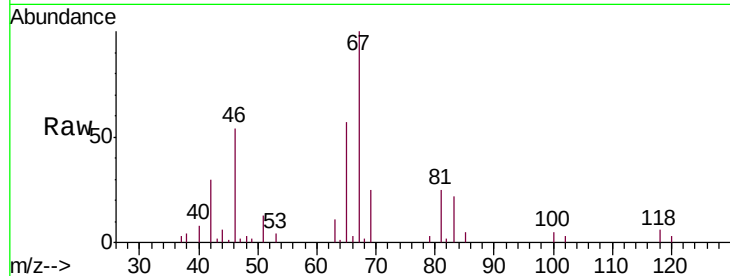
H1A05

Tgt Ion: 63 Resp: 1913

Ion Ratio Lower Upper

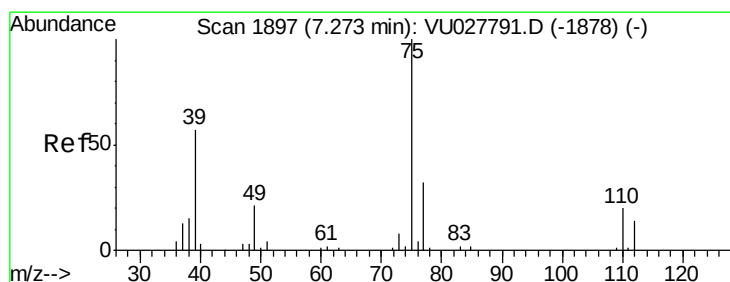
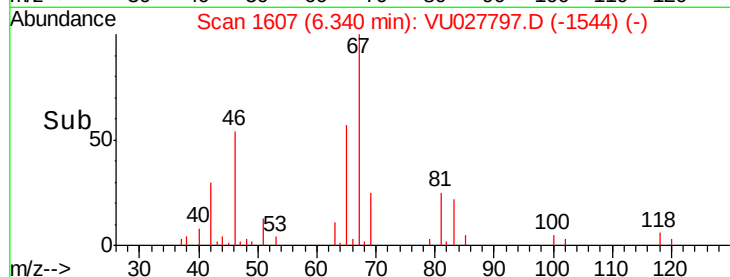
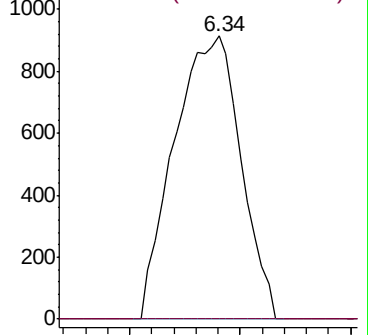
63 100

112 0.0 2.7 4.1#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



#39

cis-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.23 min Scan# 1883

Delta R.T. -0.04 min

Lab File: VU027797.D

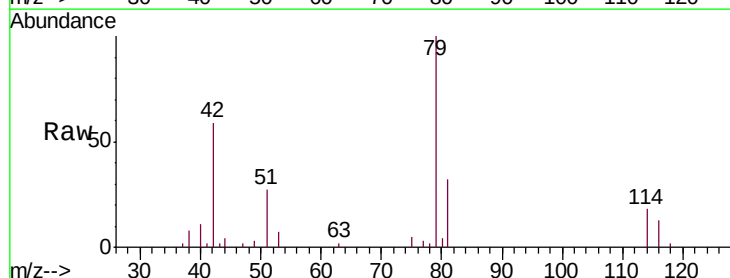
Acq: 24 Oct 2018 20:12

Tgt Ion: 75 Resp: 400

Ion Ratio Lower Upper

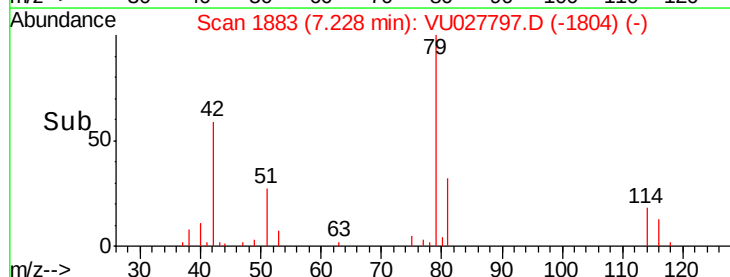
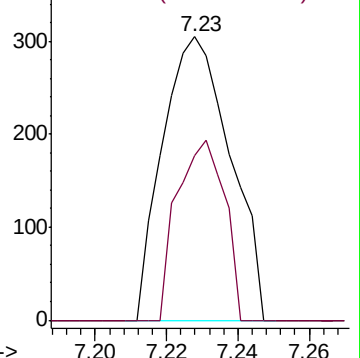
75 100

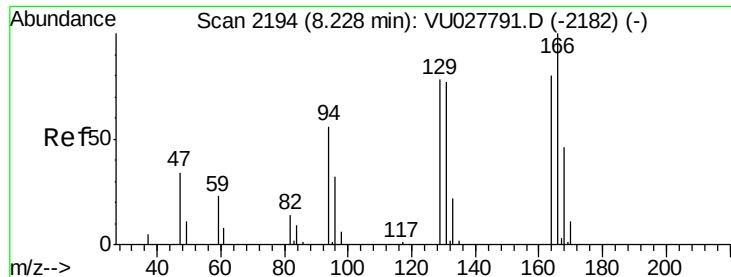
77 58.0 22.5 41.7#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0





#47

Tetrachloroethene

Concen: 0.206 ug/L

RT: 8.23 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VU027797.D

Acq: 24 Oct 2018 20:12

Instrument :

MSVOA_U

ClientSampleId :

H1A05

Tgt Ion:164 Resp: 551

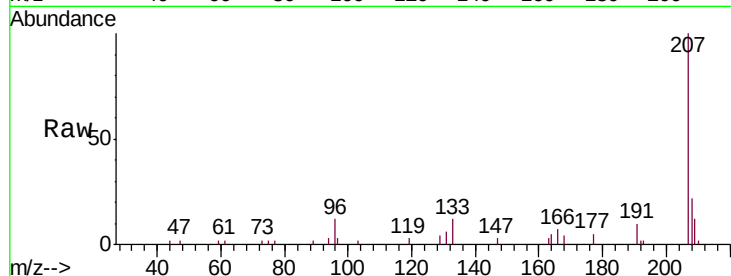
Ion Ratio Lower Upper

164 100

129 78.6 65.6 121.8

131 120.2 65.0 120.8

166 146.6 88.3 164.1

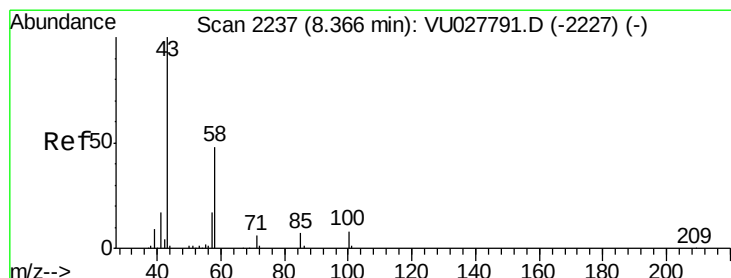
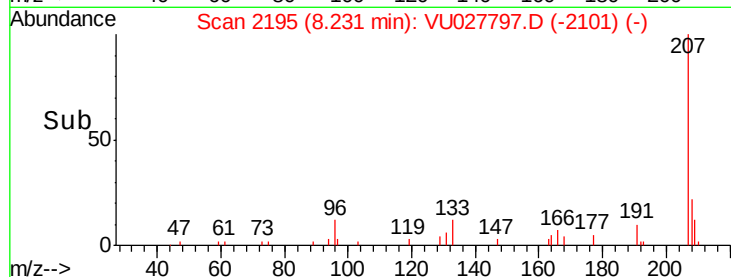
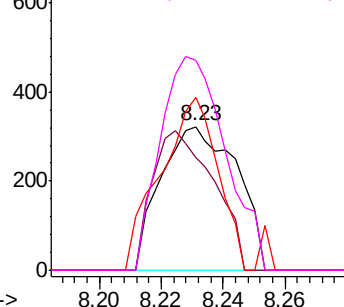


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 2.899 ug/L

RT: 8.31 min Scan# 2221

Delta R.T. -0.05 min

Lab File: VU027797.D

Acq: 24 Oct 2018 20:12

Tgt Ion: 43 Resp: 5759

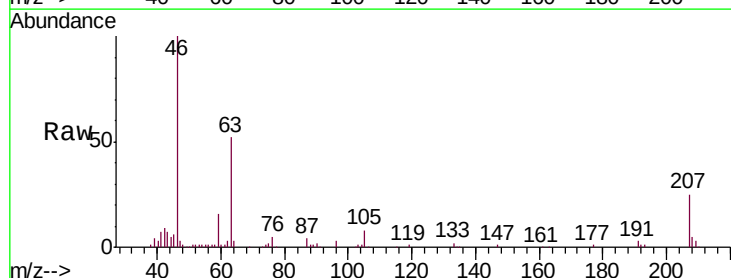
Ion Ratio Lower Upper

43 100

58 20.0 39.4 59.0#

57 15.5 13.8 20.8

100 0.0 6.7 10.1#

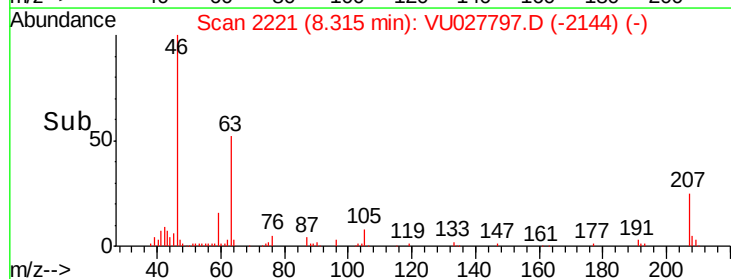
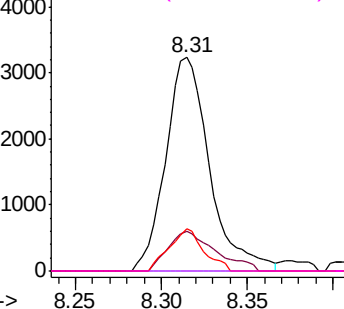


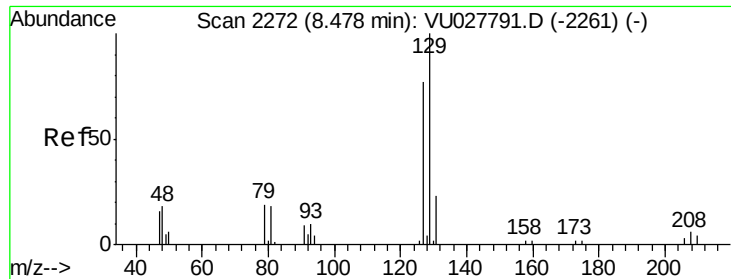
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 0.149 ug/L

RT: 8.22 min Scan# 2193

Delta R.T. -0.25 min

Lab File: VU027797.D

Acq: 24 Oct 2018 20:12

Instrument :

MSVOA_U

ClientSampleId :

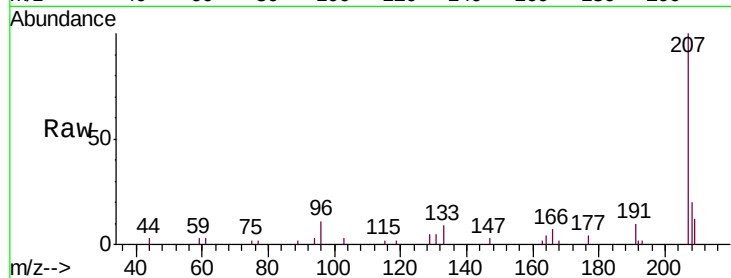
H1A05

Tgt Ion: 129 Resp: 430

Ion Ratio Lower Upper

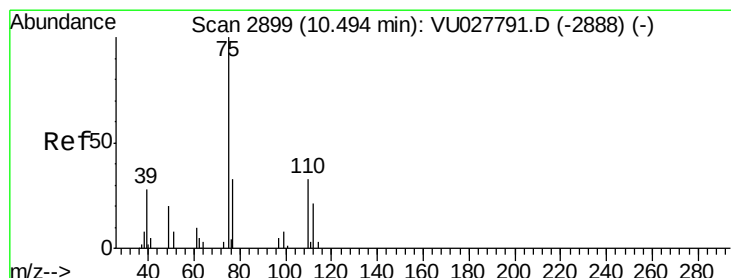
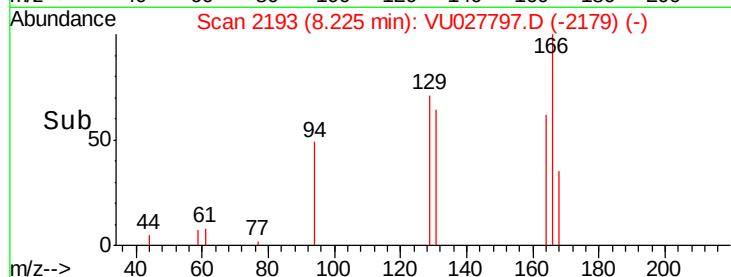
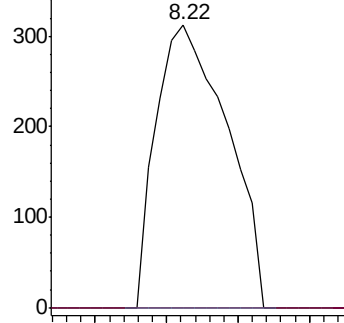
129 100

127 0.0 55.2 102.4#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 0.101 ug/L

RT: 10.61 min Scan# 2934

Delta R.T. 0.11 min

Lab File: VU027797.D

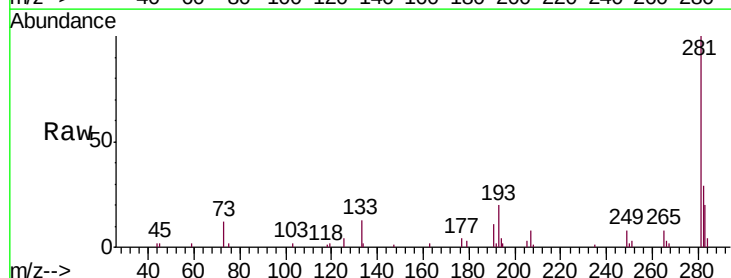
Acq: 24 Oct 2018 20:12

Tgt Ion: 75 Resp: 238

Ion Ratio Lower Upper

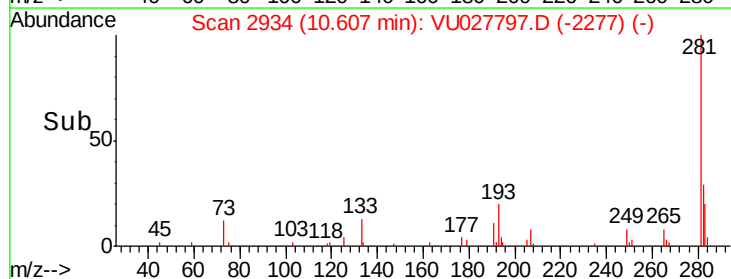
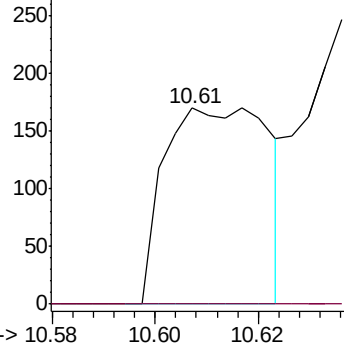
75 100

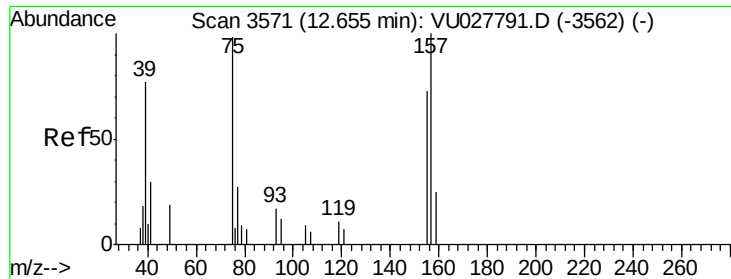
77 0.0 26.4 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#66

1,2-Dibromo-3-chloropropane

Concen: 1.858 ug/L

RT: 12.48 min Scan# 3517

Delta R.T. -0.17 min

Lab File: VU027797.D

Acq: 24 Oct 2018 20:12

Instrument :

MSVOA_U

ClientSampleId :

H1A05

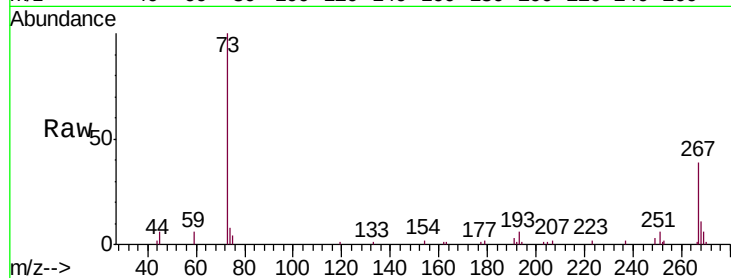
Tgt Ion: 75 Resp: 942

Ion Ratio Lower Upper

75 100

155 0.0 46.2 69.2#

157 0.0 68.9 103.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

