

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017327.D
 Acq On : 02 Jul 2020 23:49
 Operator : SY/MD
 Sample : L3150-13 2000X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETYJ8DL

Quant Time: Jul 03 06:20:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 03 06:15:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	158415	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	153847	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	74745	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41672	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.58	69	33014	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.13	63	68208	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	3.94	46	94542	39.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.04%
24) Chloroform-d	4.38	84	91120	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.06	65	51843	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.08	84	167515	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.09	67	48628	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.40%
41) Toluene-d8	7.34	98	155715	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
45) trans-1,3-Dichloropropene-	7.64	79	19609	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
48) 2-Hexanone-d5	8.11	63	64255	33.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.78%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	32067	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	61971	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

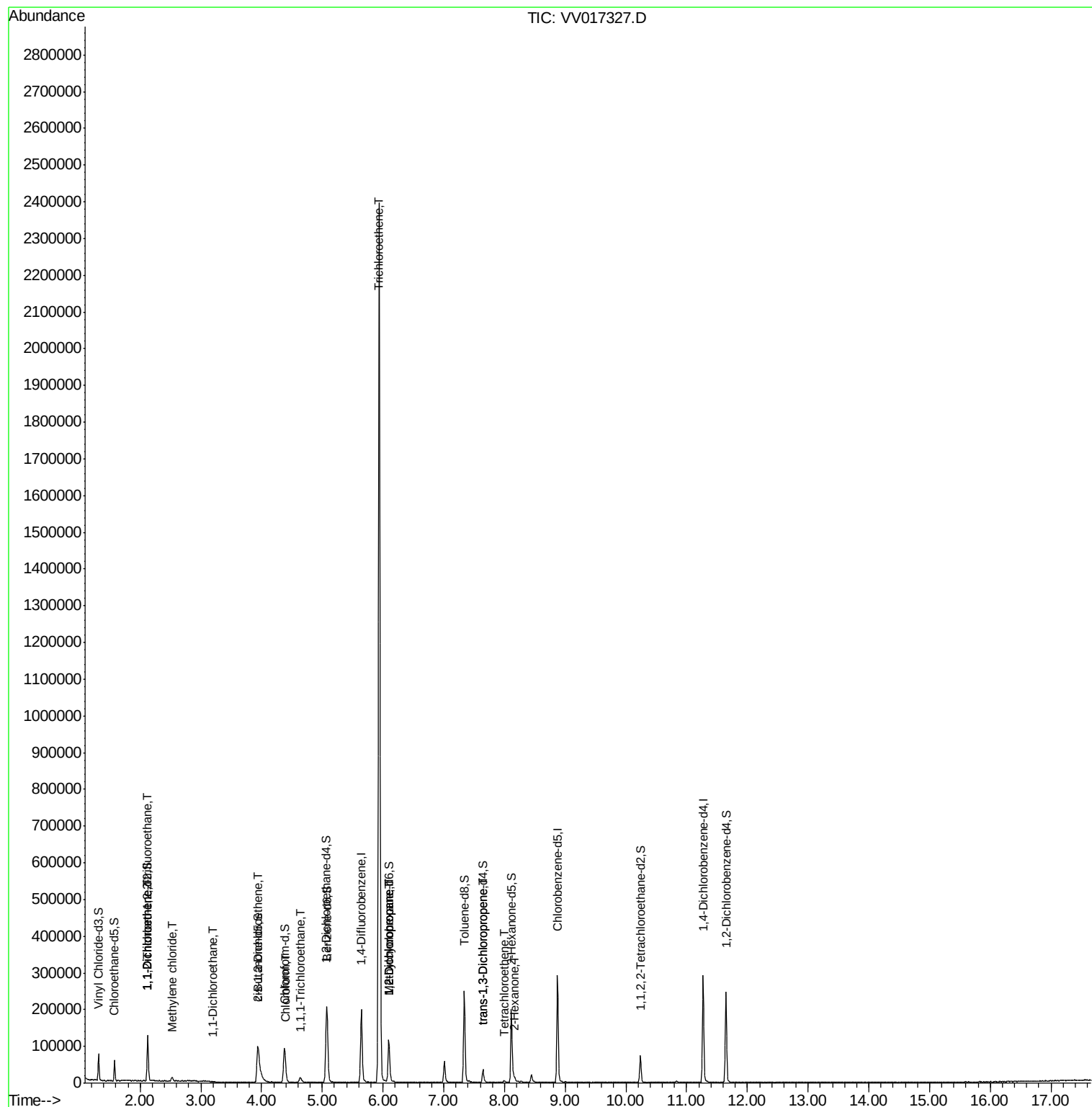
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	816	0.097	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	1367	0.180	ug/L #	1
16) Methylene chloride	2.52	84	4273	0.525	ug/L	87
19) 1,1-Dichloroethane	3.21	63	960	0.053	ug/L #	85
22) cis-1,2-Dichloroethene	3.94	96	30298	2.750	ug/L	95
25) Chloroform	4.41	83	2843	0.144	ug/L	93
29) 1,1,1-Trichloroethane	4.63	97	10492	0.569	ug/L	95
34) Trichloroethene	5.94	95	783911	66.448	ug/L	98
35) Methylcyclohexane	6.09	83	13619	0.743	ug/L #	17
37) 1,2-Dichloropropane	6.10	63	6839	0.686	ug/L #	84
46) trans-1,3-Dichloropropene	7.65	75	1025	0.080	ug/L #	64
49) Tetrachloroethene	7.99	164	985	0.104	ug/L	86
50) 2-Hexanone	8.16	43	6040	1.474	ug/L #	73

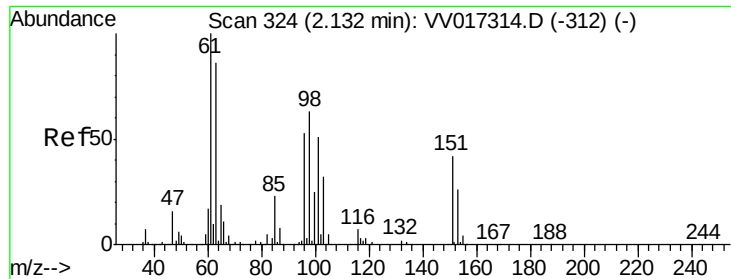
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 03 06:15:26 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.097 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017327.D

Acq: 02 Jul 2020 23:49

Instrument :

MSVOA_V

ClientSampleId :

ETYJ8DL

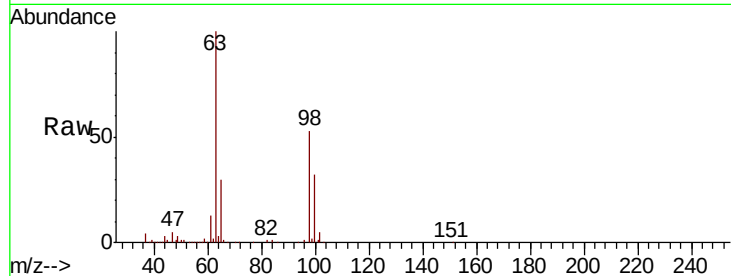
Tot Ion:101 Resp: 816

Ion Ratio Lower Upper

101 100

85 5.6 35.4 53.2#

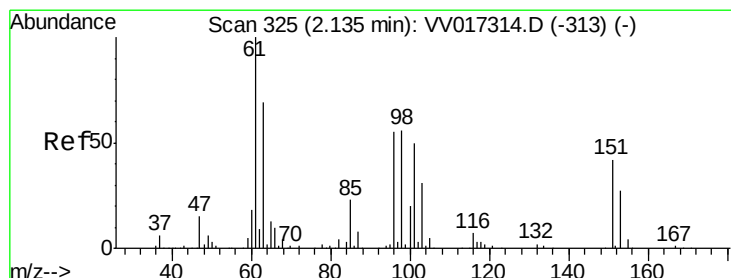
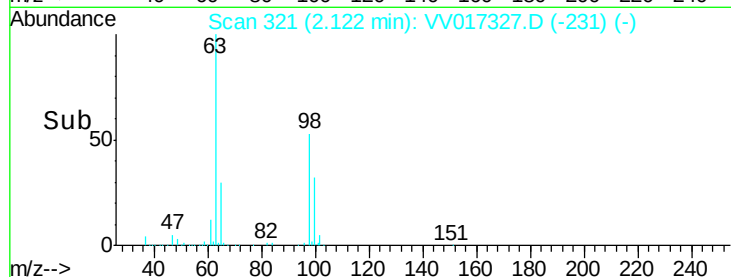
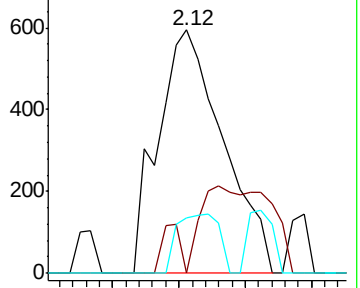
151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.180 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017327.D

Acq: 02 Jul 2020 23:49

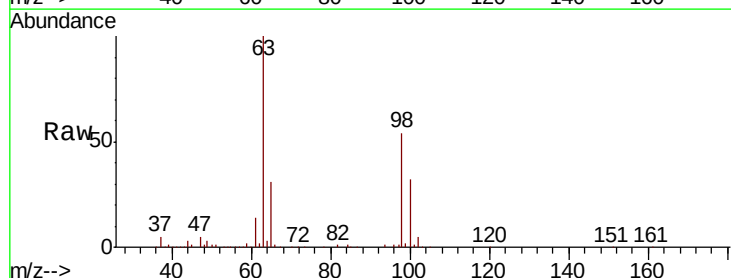
Tgt Ion: 96 Resp: 1367

Ion Ratio Lower Upper

96 100

61 956.6 125.0 232.2#

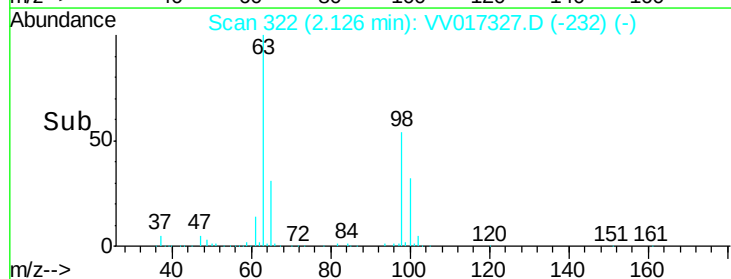
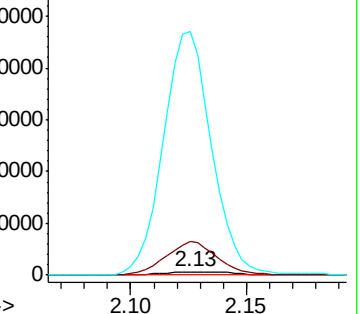
63 7017.3 109.8 203.8#

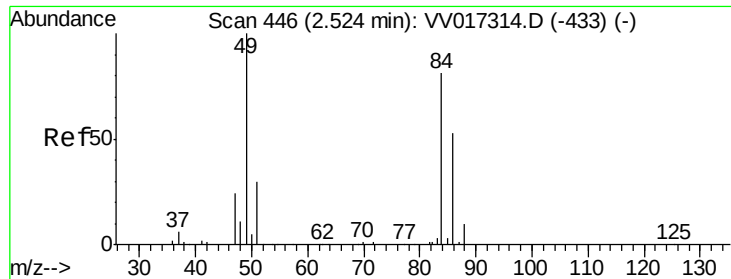


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

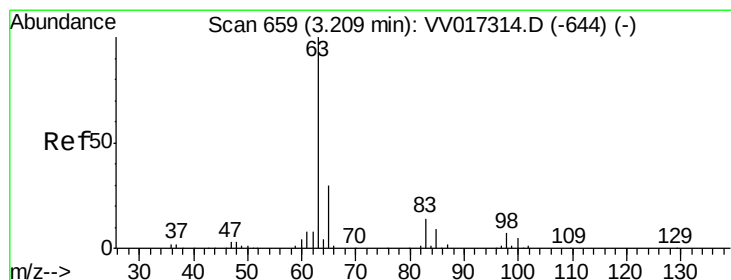
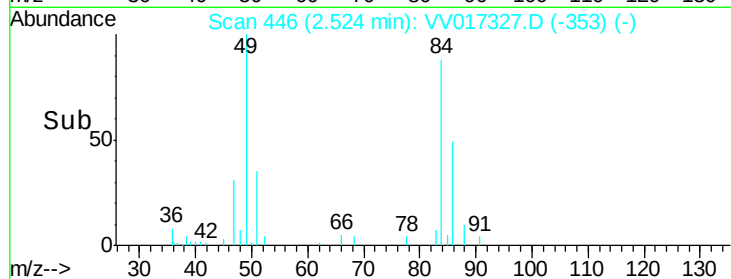
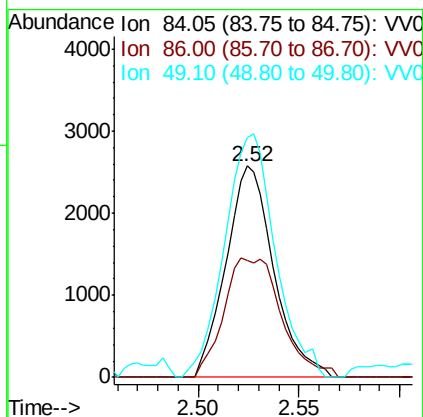
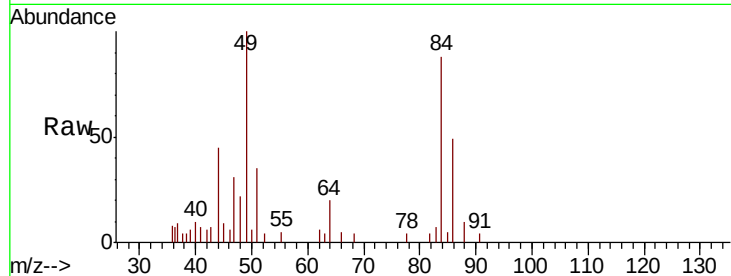




#16
Methylene chloride
Concen: 0.525 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV017327.D
Acq: 02 Jul 2020 23:49

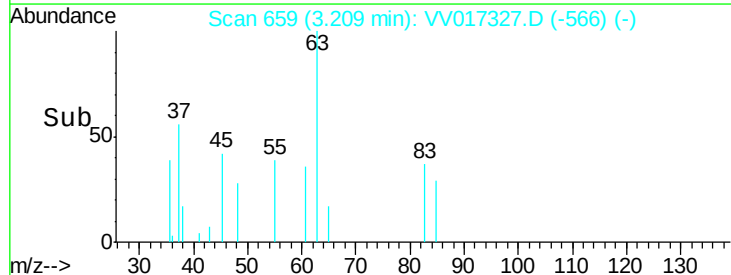
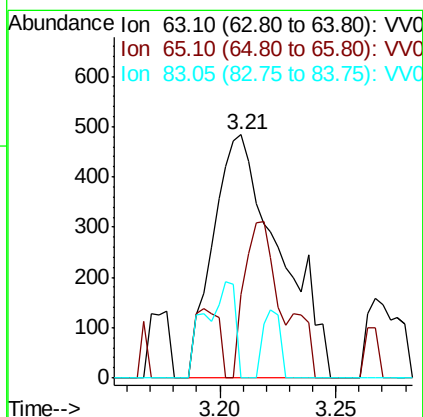
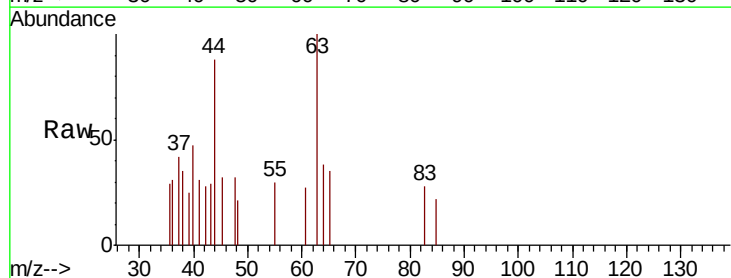
Instrument :
MSVOA_V
ClientSampleId :
ETYJ8DL

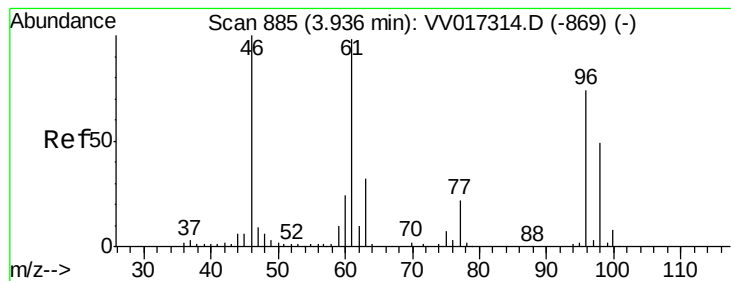
Tot Ion: 84 Resp: 4273
Ion Ratio Lower Upper
84 100
86 55.3 45.8 85.0
49 113.5 89.6 166.4



#19
1,1-Dichloroethane
Concen: 0.053 ug/L
RT: 3.21 min Scan# 659
Delta R.T. -0.00 min
Lab File: VV017327.D
Acq: 02 Jul 2020 23:49

Tgt Ion: 63 Resp: 960
Ion Ratio Lower Upper
63 100
65 34.5 21.8 40.4
83 0.0 9.7 17.9#



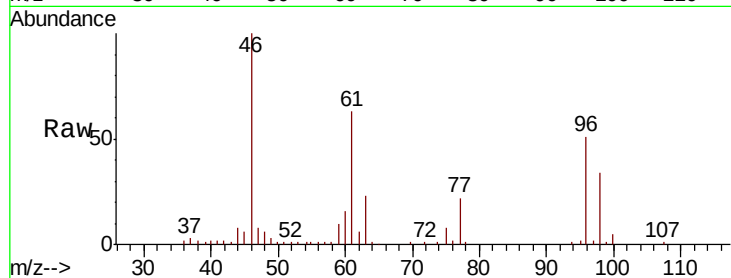


#22

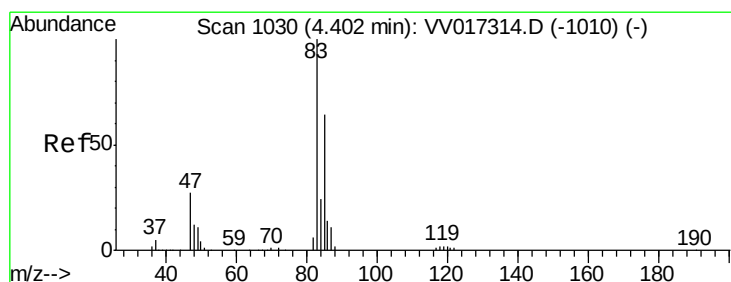
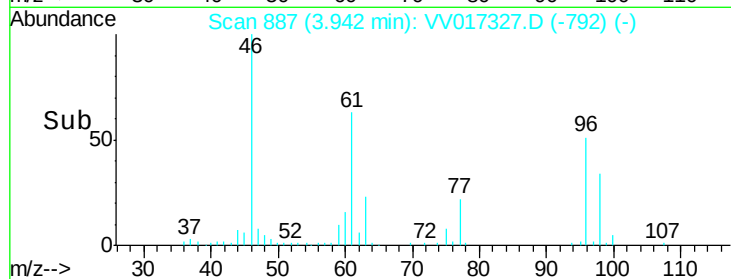
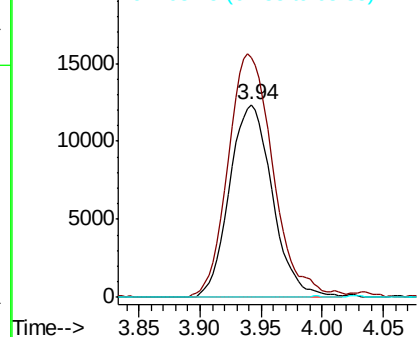
cis-1,2-Dichloroethene
Concen: 2.750 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV017327.D
Acq: 02 Jul 2020 23:49

Instrument :
MSVOA_V
ClientSampleId :
ETYJ8DL

Tot Ion: 96 Resp: 30298
Ion Ratio Lower Upper
96 100
61 124.5 91.0 169.0
68 0.0 0.0 0.0



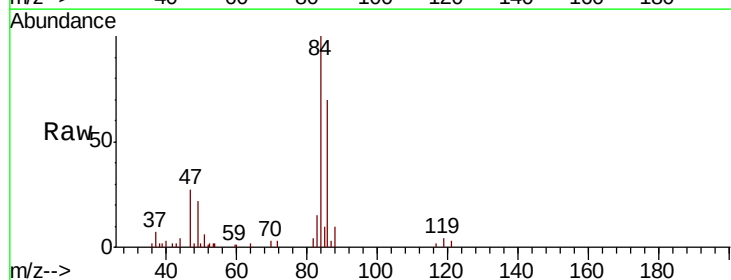
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



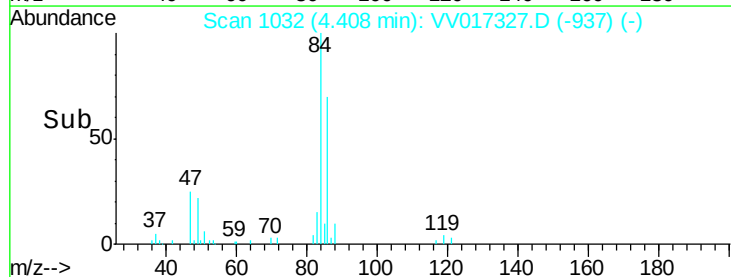
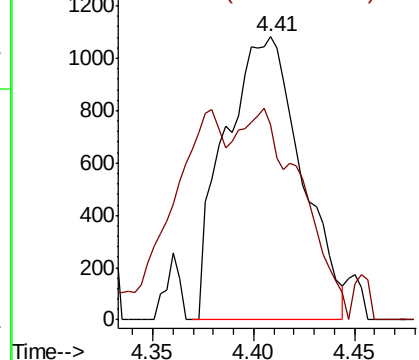
#25

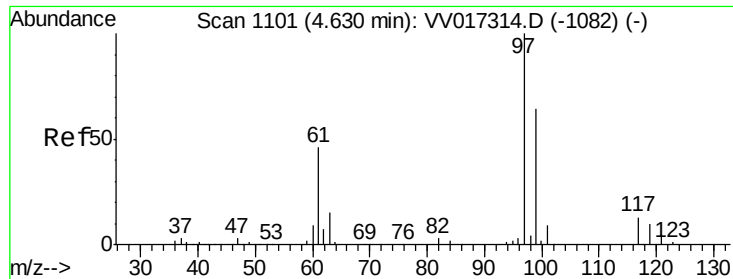
Chloroform
Concen: 0.144 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV017327.D
Acq: 02 Jul 2020 23:49

Tgt Ion: 83 Resp: 2843
Ion Ratio Lower Upper
83 100
85 68.8 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

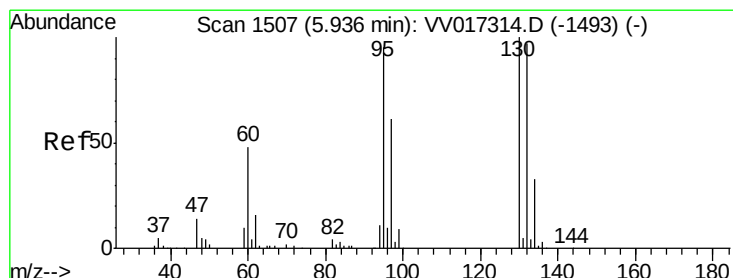
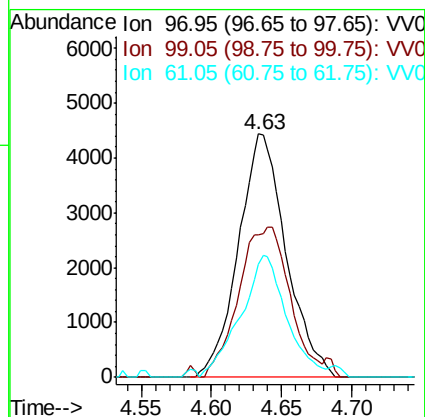
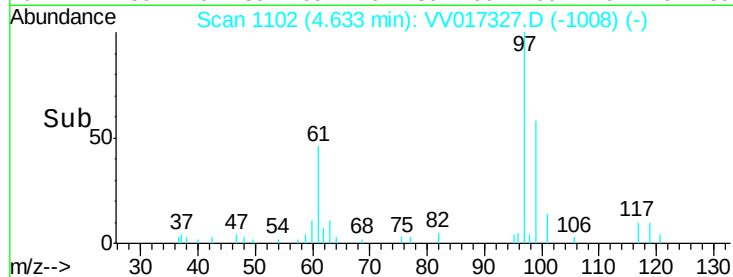
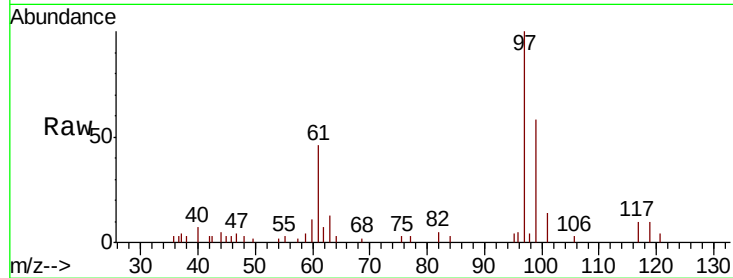




#29
1,1,1-Trichloroethane
Concen: 0.569 ug/L
RT: 4.63 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV017327.D
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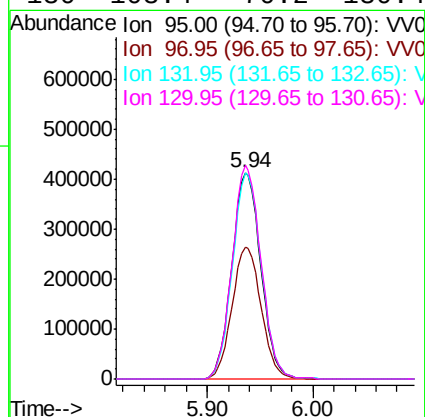
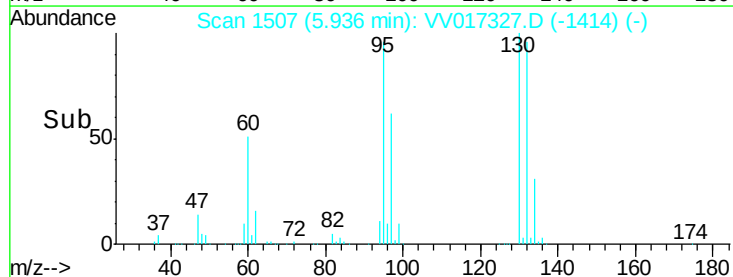
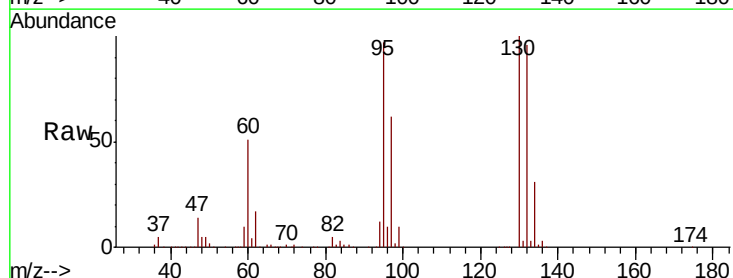
Instrument :
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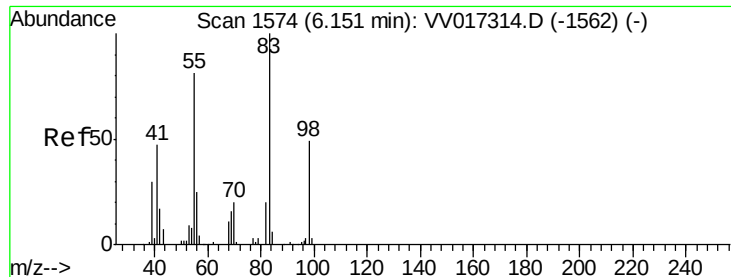
Tot Ion: 97 Resp: 10492
Ion Ratio Lower Upper
97 100
99 66.2 50.3 75.5
61 48.3 36.0 54.0



#34
Trichloroethene
Concen: 66.448 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. -0.00 min
Lab File: VV017327.D
Acq: 02 Jul 2020 23:49

Tgt Ion: 95 Resp: 783911
Ion Ratio Lower Upper
95 100
97 64.0 45.3 84.1
132 99.8 68.8 127.8
130 103.4 70.2 130.4

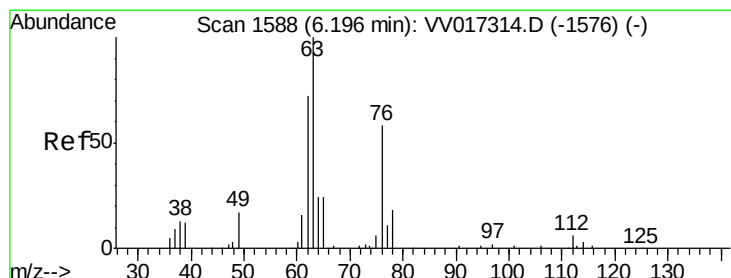
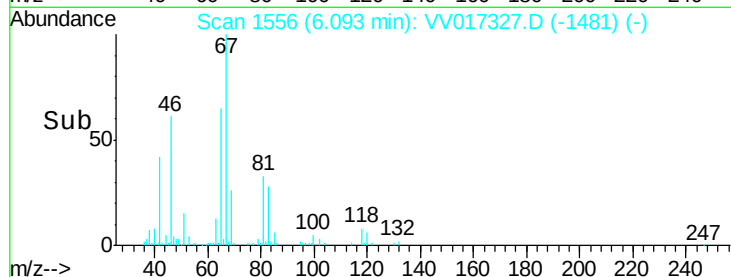
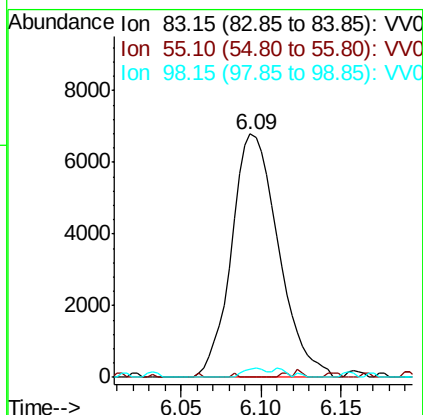
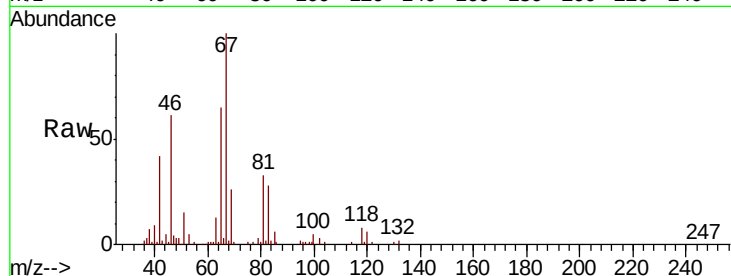




#35
Methvlcvclohexane
Concen: 0.743 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017327.D
Acq: 02 Jul 2020 23:49

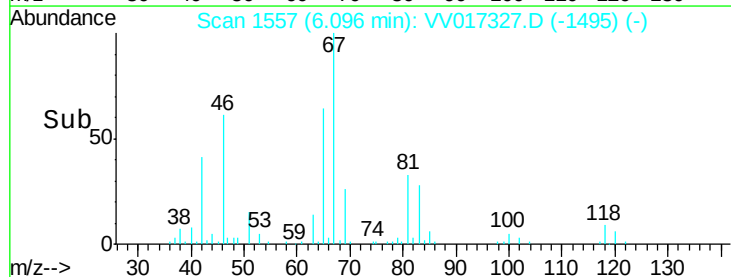
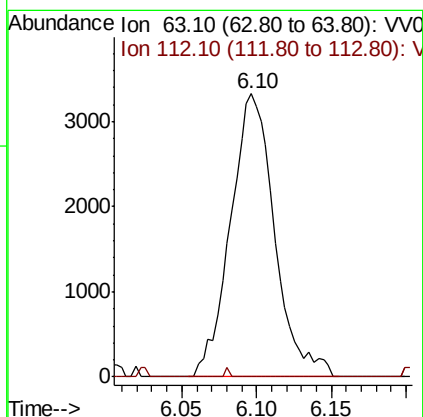
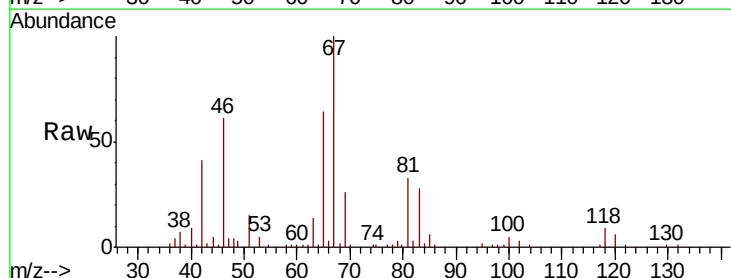
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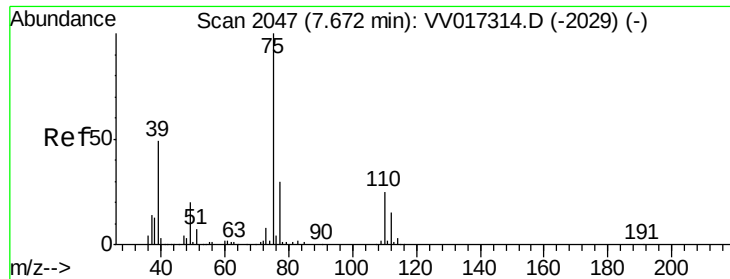
Tot Ion: 83 Resp: 13619
Ion Ratio Lower Upper
83 100
55 0.2 63.6 95.4#
98 0.0 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.686 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017327.D
Acq: 02 Jul 2020 23:49

Tgt Ion: 63 Resp: 6839
Ion Ratio Lower Upper
63 100
112 0.3 4.4 6.6#





#46

trans-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV017327.D

Acq: 02 Jul 2020 23:49

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MSVOA_V

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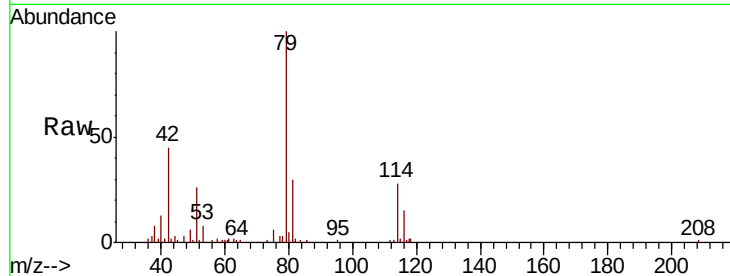
ETYJ8DL

Tot Ion: 75 Resp: 1025

Ion Ratio Lower Upper

75 100

77 51.7 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.65

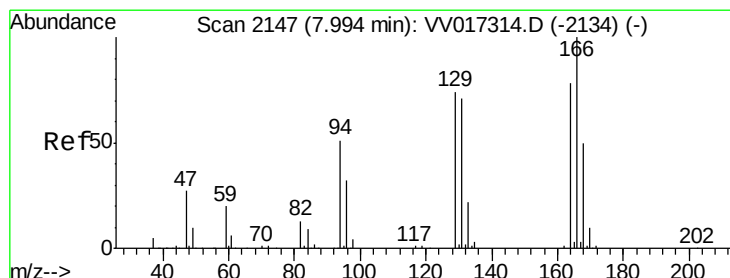
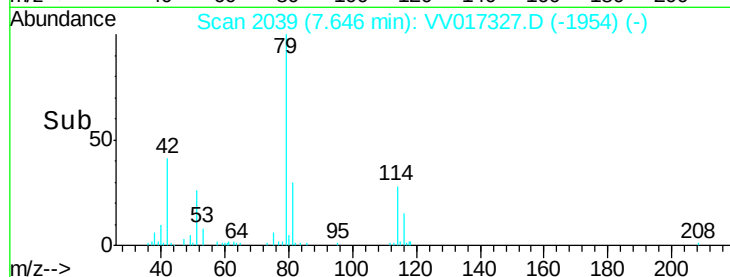
600

400

200

0

Time-->



#49

Tetrachloroethene

Concen: 0.104 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. -0.00 min

Lab File: VV017327.D

Acq: 02 Jul 2020 23:49

Tgt Ion: 164 Resp: 985

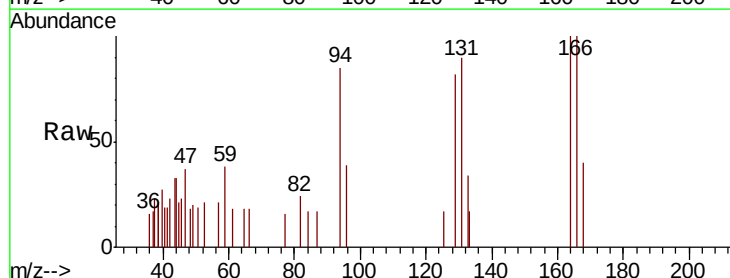
Ion Ratio Lower Upper

164 100

129 81.9 65.2 121.0

131 90.6 64.1 119.1

166 100.2 90.2 167.4



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

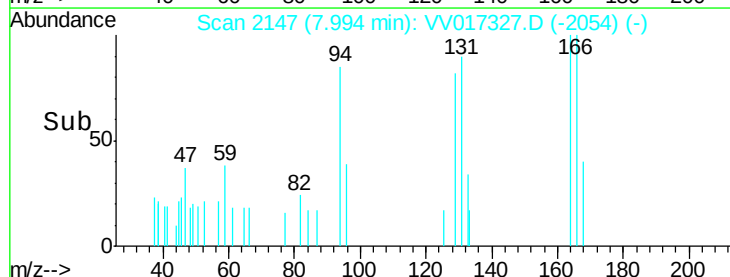
Ion 165.90 (165.60 to 166.60): V

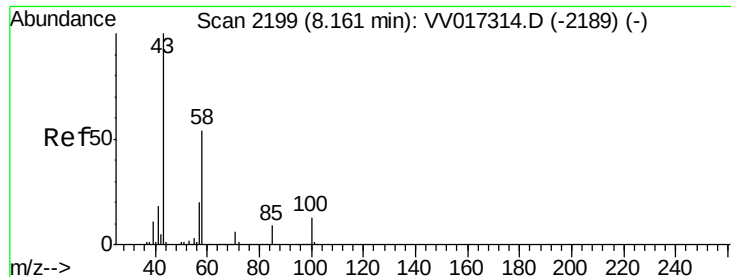
1000

500

0

Time-->

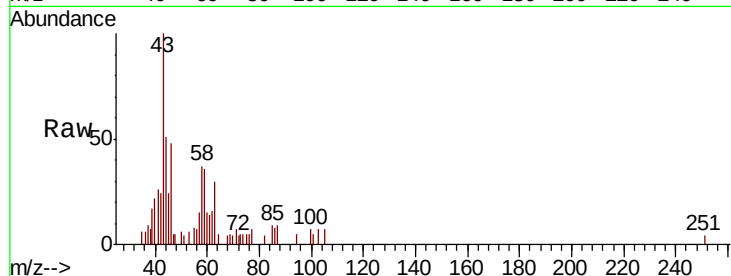




#50
 2-Hexanone
 Concen: 1.474 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: VV017327.D
 Acq: 02 Jul 2020 23:49

Instrument :
 MSVOA_V
 ClientSampleId :
 ETYJ8DL

Tot Ion: 43 Resp: 6040
 Ion Ratio Lower Upper
 43 100
 58 35.7 41.6 62.4#
 57 2.8 15.4 23.0#
 100 2.1 10.1 15.1#



Abundance Ion 43.05 (42.75 to 43.75): VV0
 Ion 58.05 (57.75 to 58.75): VV0
 Ion 57.20 (56.90 to 57.90): VV0
 Ion 100.15 (99.85 to 100.85): VV0

