

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070720\
 Data File : VV017379.D
 Acq On : 07 Jul 2020 15:26
 Operator : SY/MD
 Sample : L3154-12DL 10X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 08 01:35:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 08 01:30:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	159888	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	153858	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75880	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41806	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.58	69	34200	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.13	63	66244	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	3.93	46	100541	41.11	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.22%
24) Chloroform-d	4.38	84	95046	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.06	65	52727	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.08	84	170242	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.10	67	48598	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.40%
41) Toluene-d8	7.34	98	152725	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
45) trans-1,3-Dichloropropene-	7.64	79	20243	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
48) 2-Hexanone-d5	8.11	63	66396	35.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.02%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35440	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	64479	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

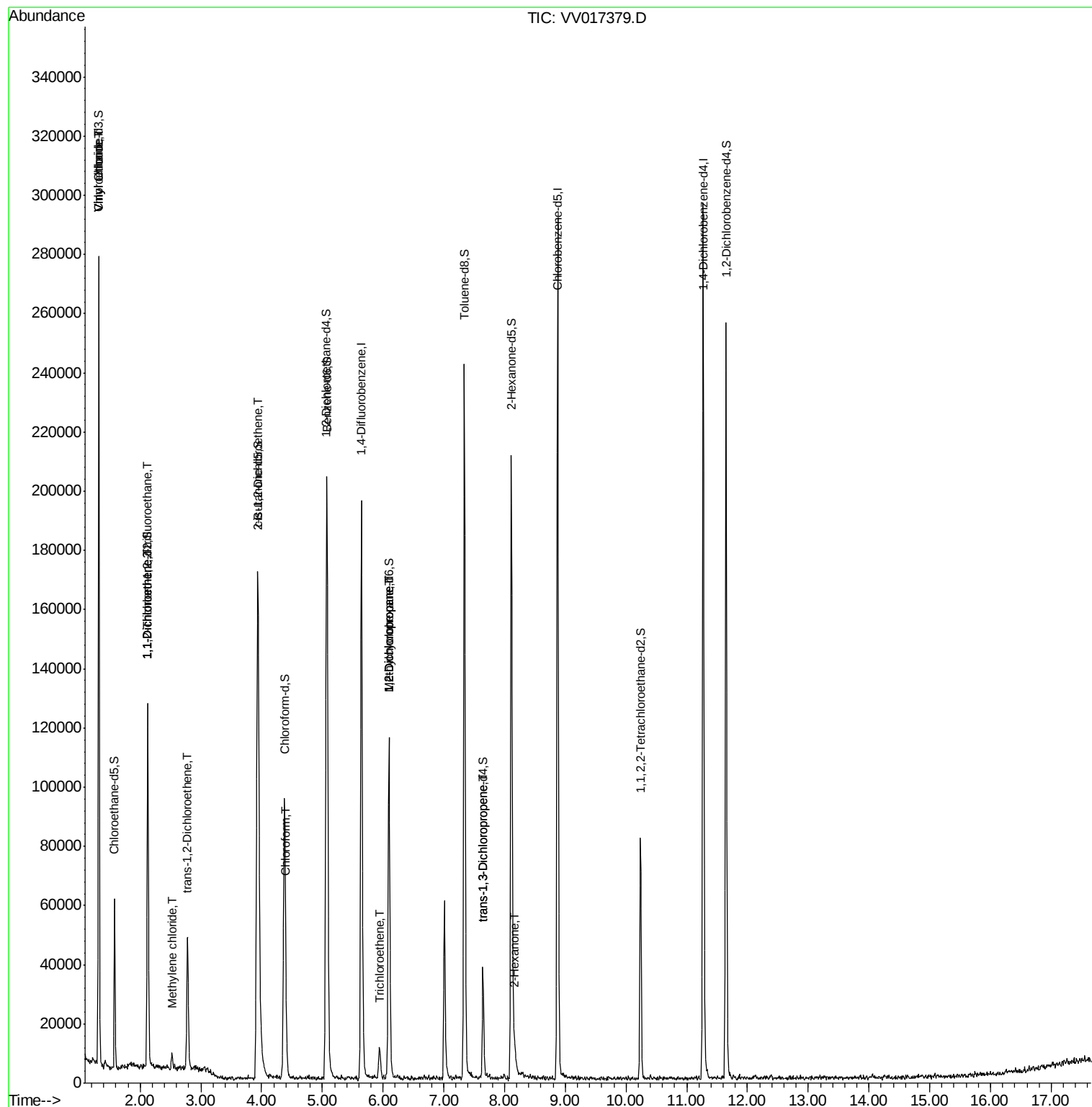
					Ovalue
5) Vinyl chloride	1.32	62	129296	12.324	ug/L 100
8) Chloroethane	1.32	64	41058	7.081	ug/L # 47
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	723	0.085	ug/L # 26
12) 1,1-Dichloroethene	2.14	96	995	0.130	ug/L # 1
16) Methylene chloride	2.53	84	1543	0.188	ug/L 95
18) trans-1,2-Dichloroethene	2.78	96	16560	2.037	ug/L 93
22) cis-1,2-Dichloroethene	3.94	96	67370	6.059	ug/L 97
25) Chloroform	4.41	83	2679	0.134	ug/L 94
34) Trichloroethene	5.94	95	3098	0.263	ug/L # 80
35) Methylcyclohexane	6.10	83	13799	0.752	ug/L # 18
37) 1,2-Dichloropropane	6.09	63	6841	0.686	ug/L # 85
46) trans-1,3-Dichloropropene	7.64	75	1452	0.113	ug/L 89
50) 2-Hexanone	8.17	43	4822	1.177	ug/L # 92

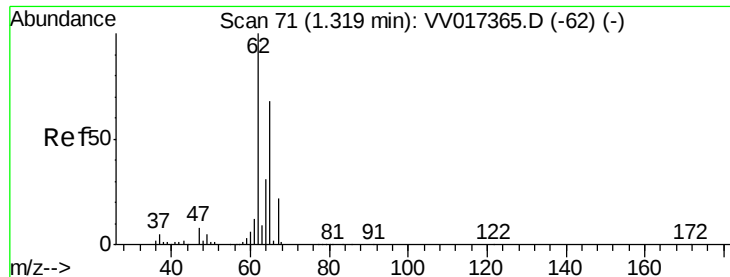
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 08 01:30:57 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 12.324 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV017379.D

Acq: 07 Jul 2020 15:26

Instrument :

MSVOA_V

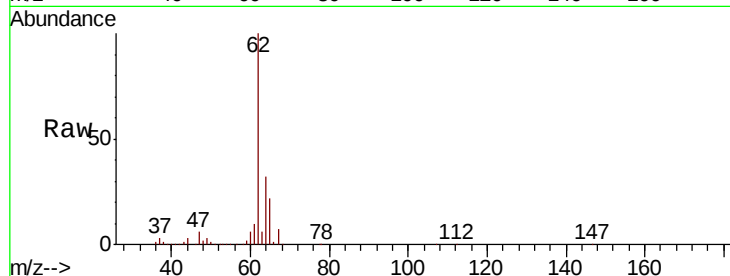
ClientSampled :

Tot Ion: 62 Resp: 129296

Ion Ratio Lower Upper

62 100

64 32.1 22.5 41.7



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

1.32

150000

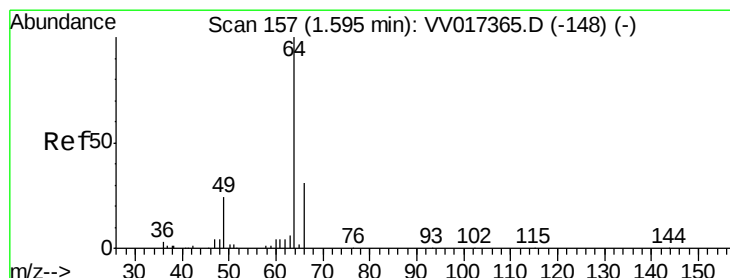
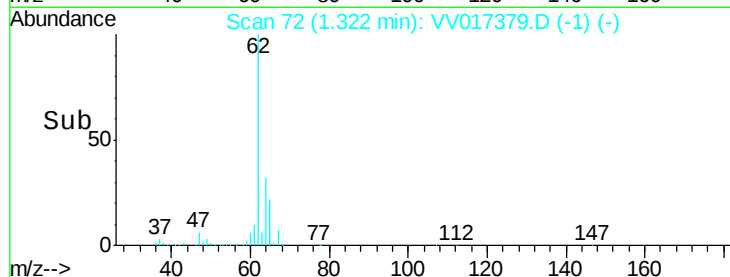
100000

50000

0

Time-->

1.30 1.35 1.40



#8

Chloroethane

Concen: 7.081 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV017379.D

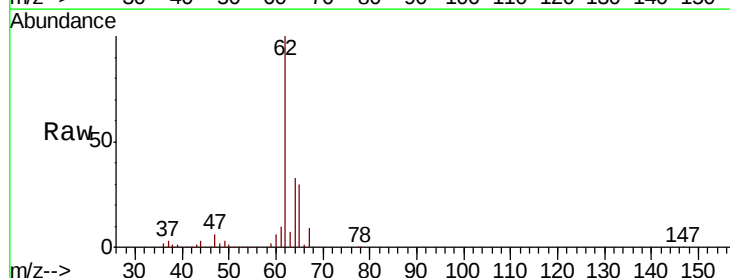
Acq: 07 Jul 2020 15:26

Tgt Ion: 64 Resp: 41058

Ion Ratio Lower Upper

64 100

66 2.5 22.8 42.4#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

1.32

40000

30000

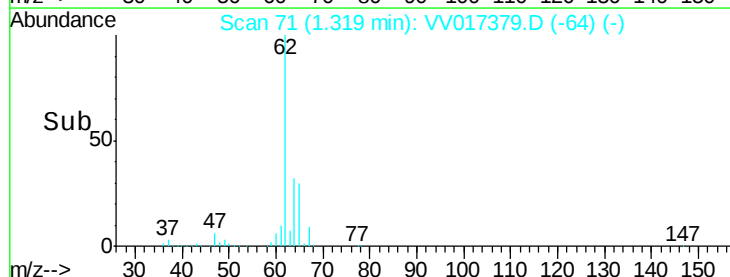
20000

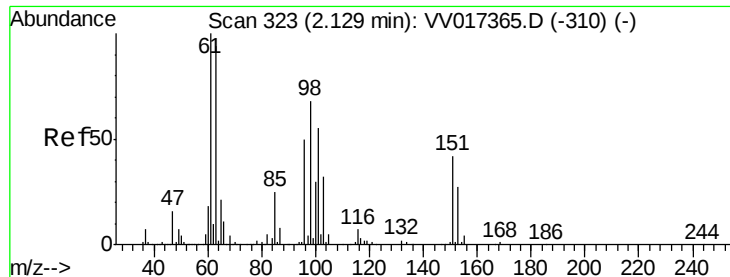
10000

0

Time-->

1.30 1.35 1.40





#10

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

Concen: 0.085 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV017379.D

Acq: 07 Jul 2020 15:26

Instrument :

MSVOA_V

ClientSampleId :

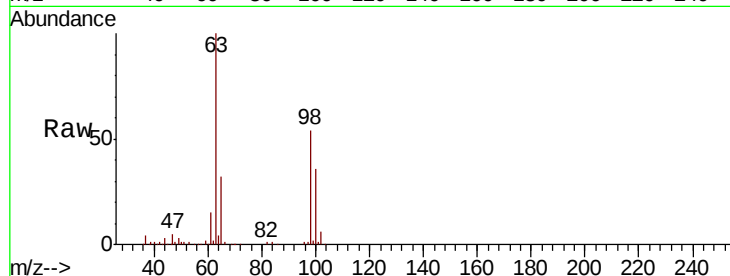
Tot Ion:101 Resp: 723

Ion Ratio Lower Upper

101 100

85 12.4 35.4 53.2#

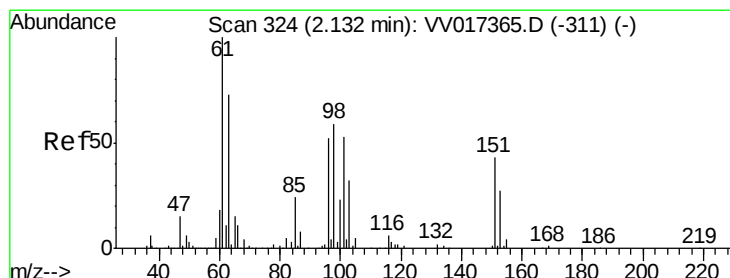
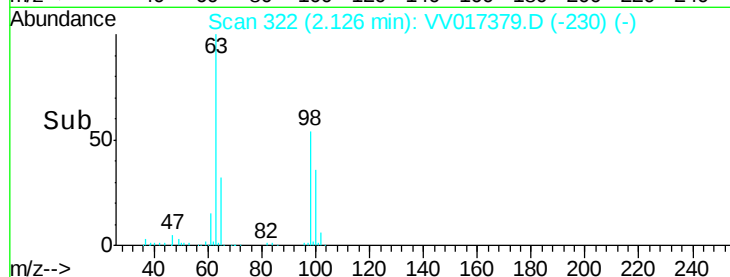
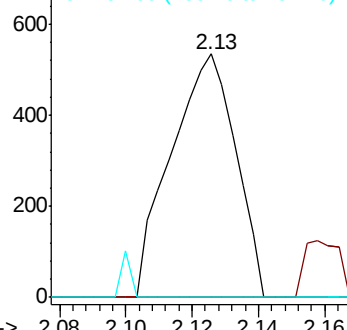
151 2.8 63.9 95.9#



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: 0.130 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV017379.D

Acq: 07 Jul 2020 15:26

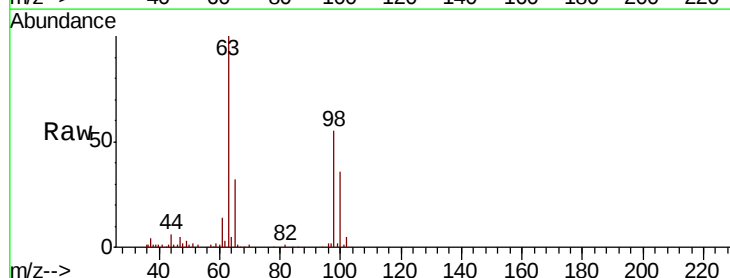
Tgt Ion: 96 Resp: 995

Ion Ratio Lower Upper

96 100

61 672.1 125.0 232.2#

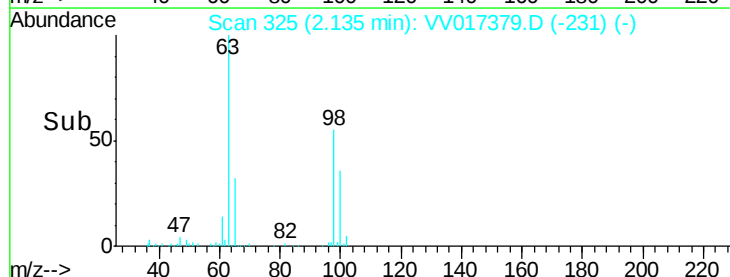
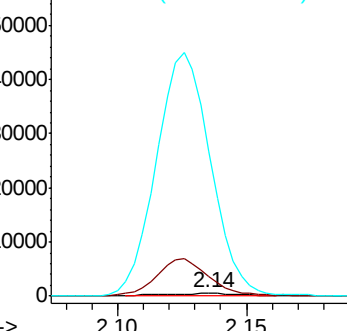
63 4883.2 109.8 203.8#

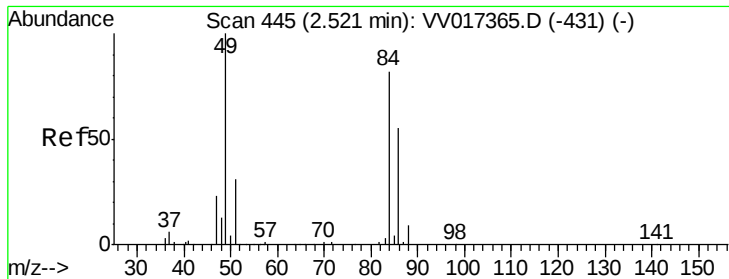


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

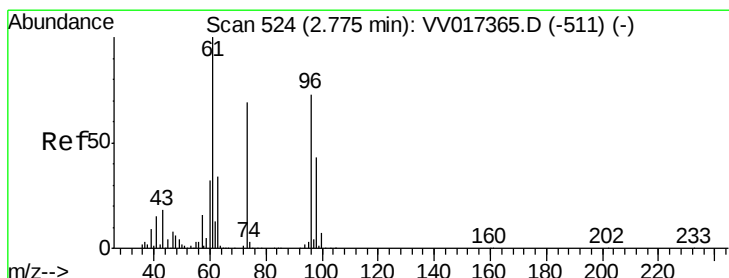
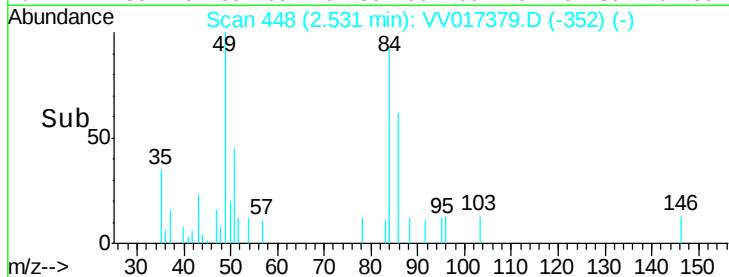
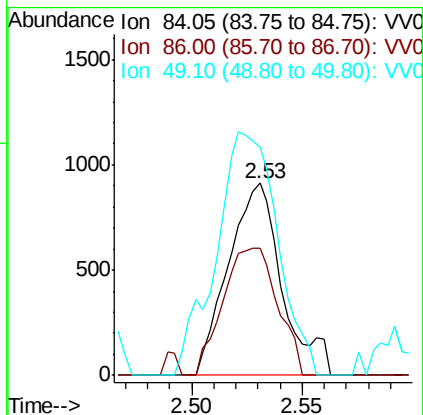
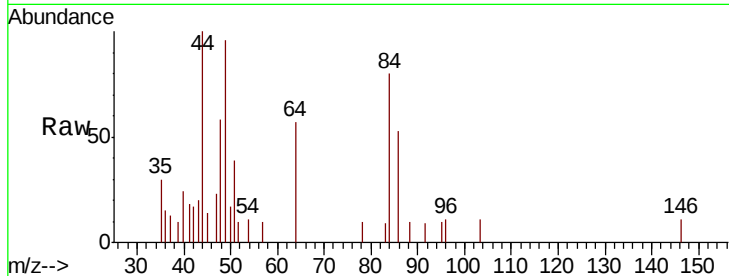




#16
Methvlene chloride
Concen: 0.188 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.01 min
Lab File: VV017379.D
Acq: 07 Jul 2020 15:26

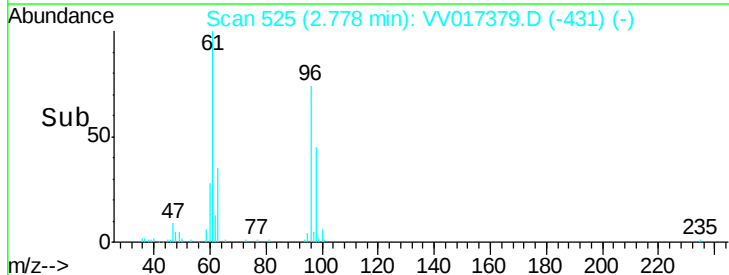
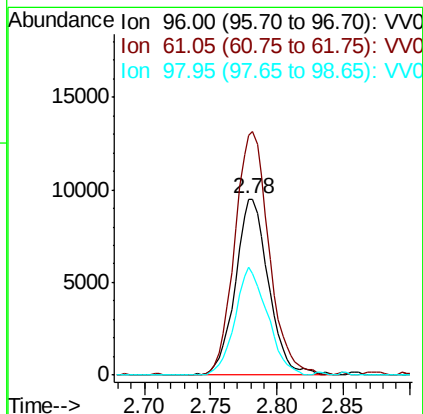
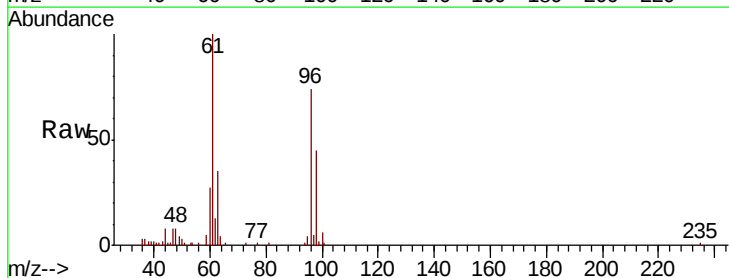
Instrument :
MSVOA_V
ClientSampled :

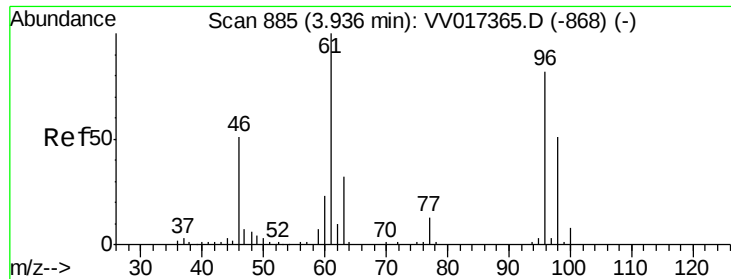
Tot Ion: 84 Resp: 1543
Ion Ratio Lower Upper
84 100
86 66.2 45.8 85.0
49 119.2 89.6 166.4



#18
trans-1,2-Dichloroethene
Concen: 2.037 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV017379.D
Acq: 07 Jul 2020 15:26

Tgt Ion: 96 Resp: 16560
Ion Ratio Lower Upper
96 100
61 136.0 102.3 189.9
98 61.1 44.7 82.9



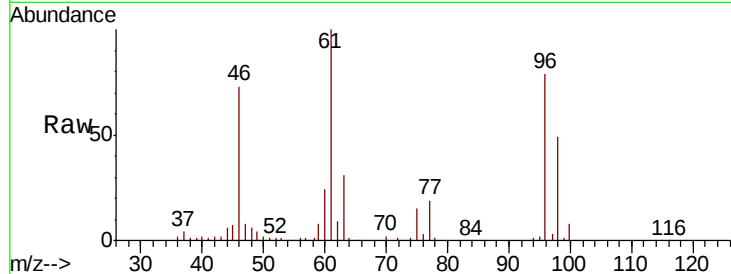


#22

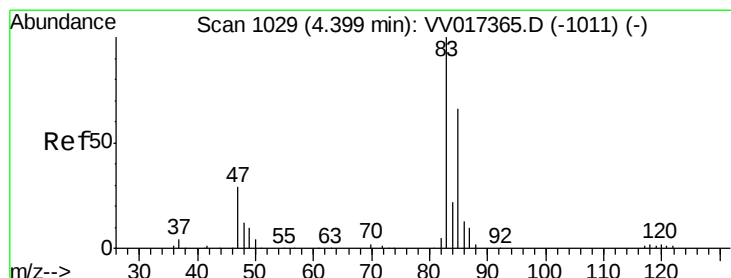
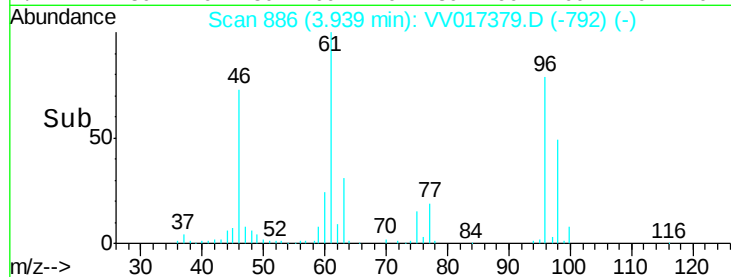
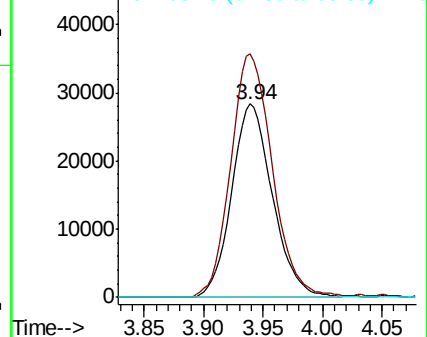
cis-1,2-Dichloroethene
Concen: 6.059 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017379.D
Acq: 07 Jul 2020 15:26

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 96 Resp: 67370
Ion Ratio Lower Upper
96 100
61 126.1 91.0 169.0
68 0.0 0.0 0.0



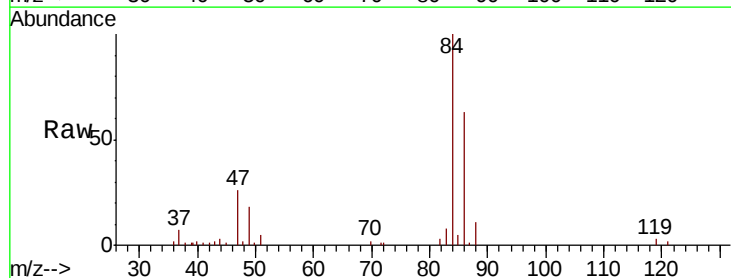
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



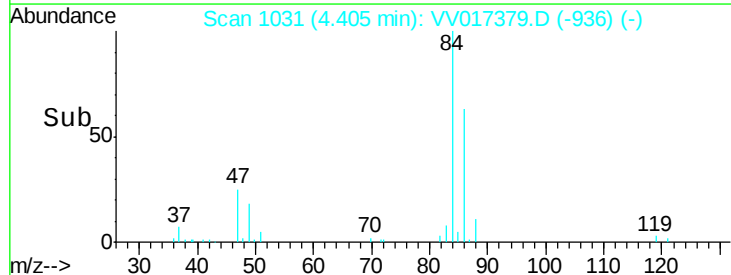
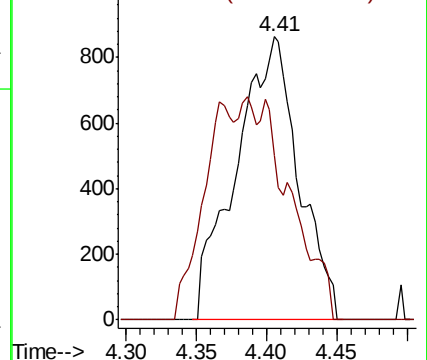
#25

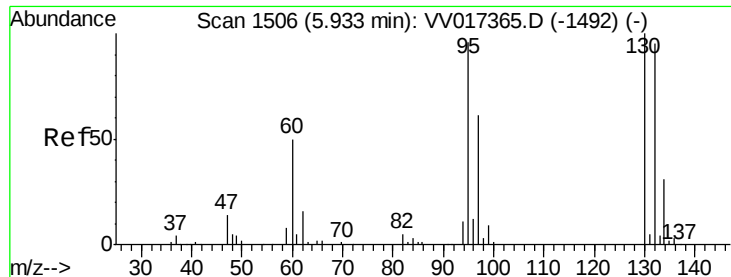
Chloroform
Concen: 0.134 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV017379.D
Acq: 07 Jul 2020 15:26

Tgt Ion: 83 Resp: 2679
Ion Ratio Lower Upper
83 100
85 58.3 44.2 82.2



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

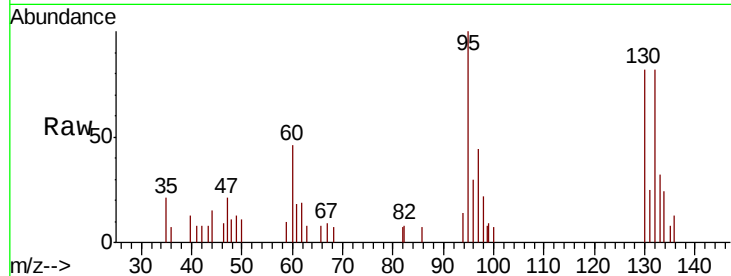




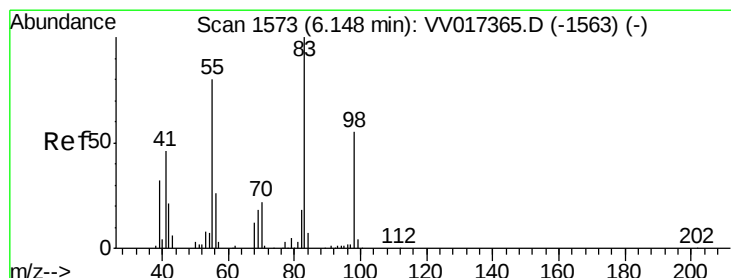
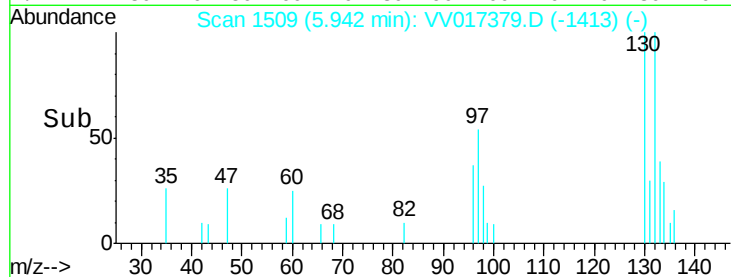
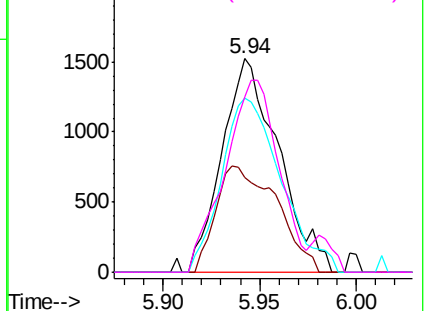
#34
 Trichloroethene
 Concen: 0.263 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV017379.D
 Acq: 07 Jul 2020 15:26

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 3098
 Ion Ratio Lower Upper
 95 100
 97 44.2 45.3 84.1#
 132 81.6 68.8 127.8
 130 81.8 70.2 130.4

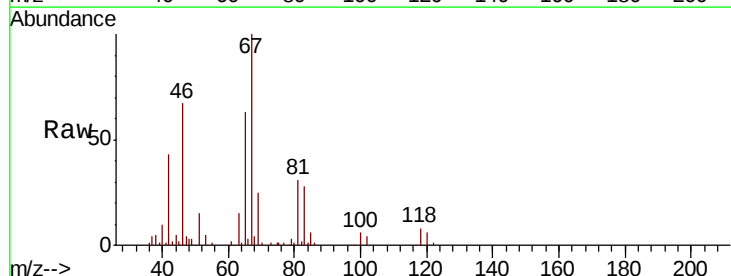


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

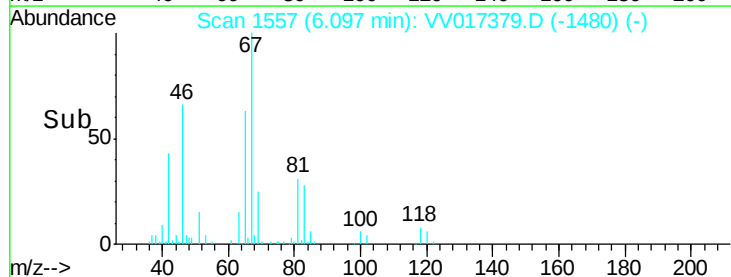
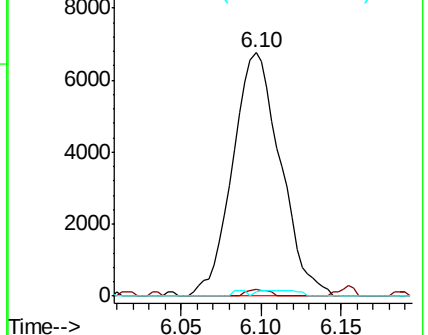


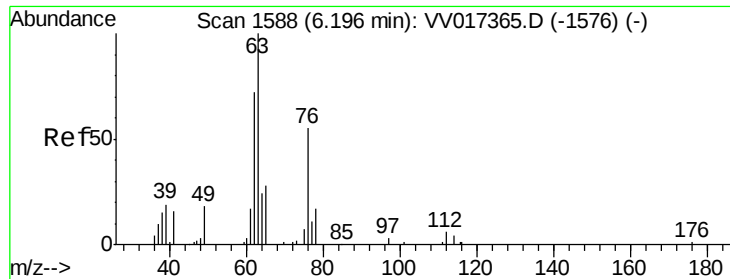
#35
 Methylcyclohexane
 Concen: 0.752 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV017379.D
 Acq: 07 Jul 2020 15:26

Tgt Ion: 83 Resp: 13799
 Ion Ratio Lower Upper
 83 100
 55 1.2 63.6 95.4#
 98 0.6 38.8 58.2#



Abundance Ion 83.15 (82.85 to 83.85): VV0
 Ion 55.10 (54.80 to 55.80): VV0
 Ion 98.15 (97.85 to 98.85): VV0

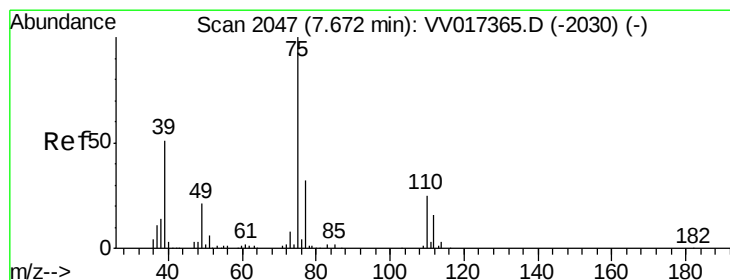
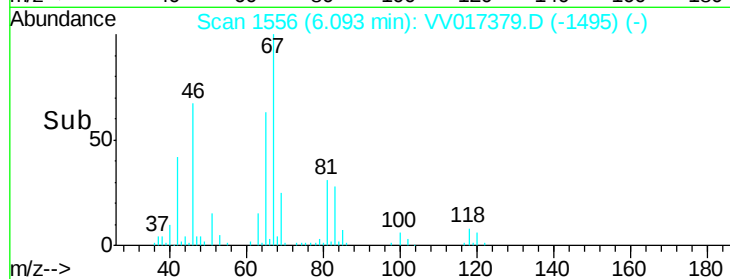
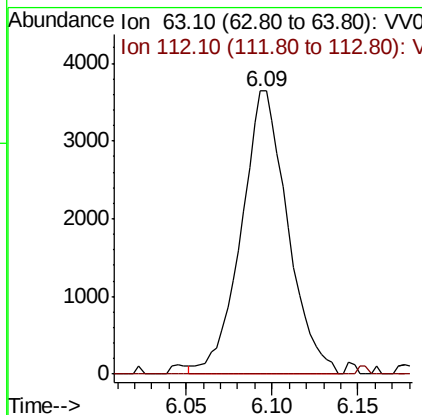
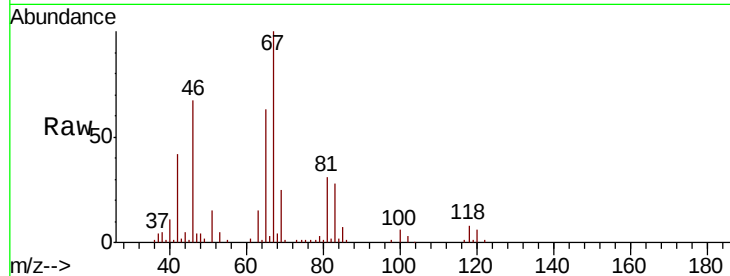




#37
 1,2-Dichloropropane
 Concen: 0.686 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV017379.D
 Acq: 07 Jul 2020 15:26

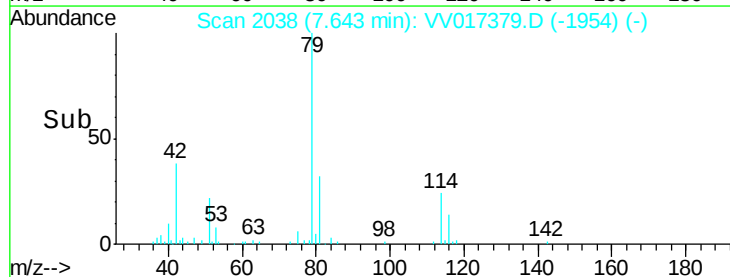
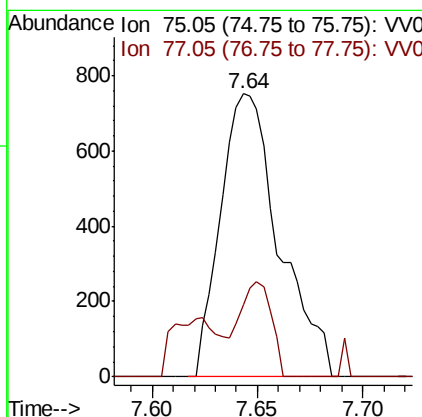
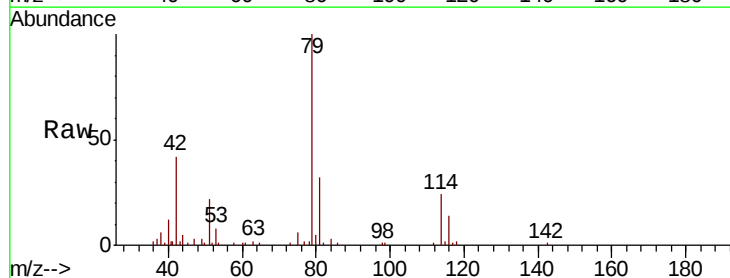
Instrument :
 MSVOA_V
 ClientSampleId :

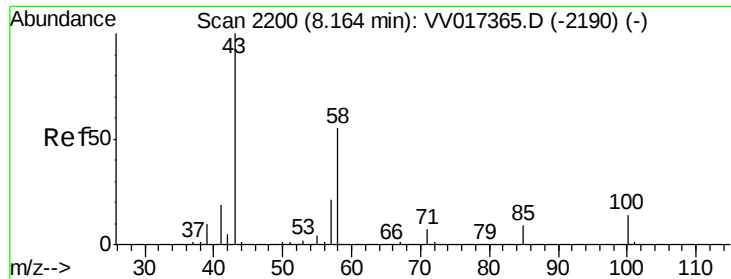
Tot Ion: 63 Resp: 6841
 Ion Ratio Lower Upper
 63 100
 112 0.6 4.4 6.6#



#46
 trans-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV017379.D
 Acq: 07 Jul 2020 15:26

Tgt Ion: 75 Resp: 1452
 Ion Ratio Lower Upper
 75 100
 77 25.7 22.3 41.3

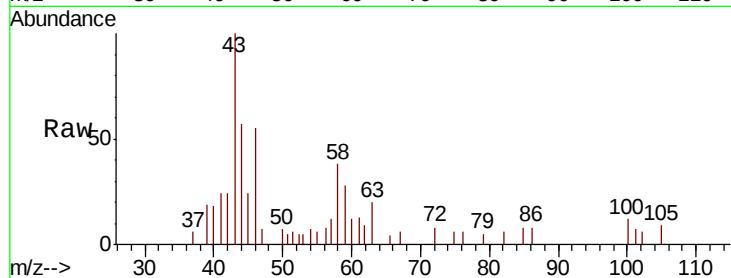




#50
 2-Hexanone
 Concen: 1.177 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: VV017379.D
 Acq: 07 Jul 2020 15:26

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 4822
 Ion Ratio Lower Upper
 43 100
 58 51.3 41.6 62.4
 57 14.4 15.4 23.0#
 100 0.0 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

