

Data File : VV014482.D
Acq On : 03 Feb 2020 11:53
Operator : SY/MD
Sample : L1323-11DL 40X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAT49DL

Quant Time: Feb 04 04:46:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 04 04:44:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	442384	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	412060	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	209221	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	109438	44.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.08%
7) Chloroethane-d5	1.58	69	78415	51.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.66%
11) 1,1-Dichloroethene-d2	2.13	63	123554	37.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.34%
21) 2-Butanone-d5	3.92	46	176731	106.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.91%
24) Chloroform-d	4.39	84	245750	47.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.52%
26) 1,2-Dichloroethane-d4	5.07	65	157376	50.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.48%
32) Benzene-d6	5.09	84	531251	48.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.92%
36) 1,2-Dichloropropane-d6	6.11	67	167458	48.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.56%
41) Toluene-d8	7.35	98	492566	49.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.36%
43) trans-1,3-Dichloropropene-	7.66	79	88557	50.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.52%
47) 2-Hexanone-d5	8.12	63	143554	106.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.89%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	213605	48.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	187829	48.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.48%

Target Compounds

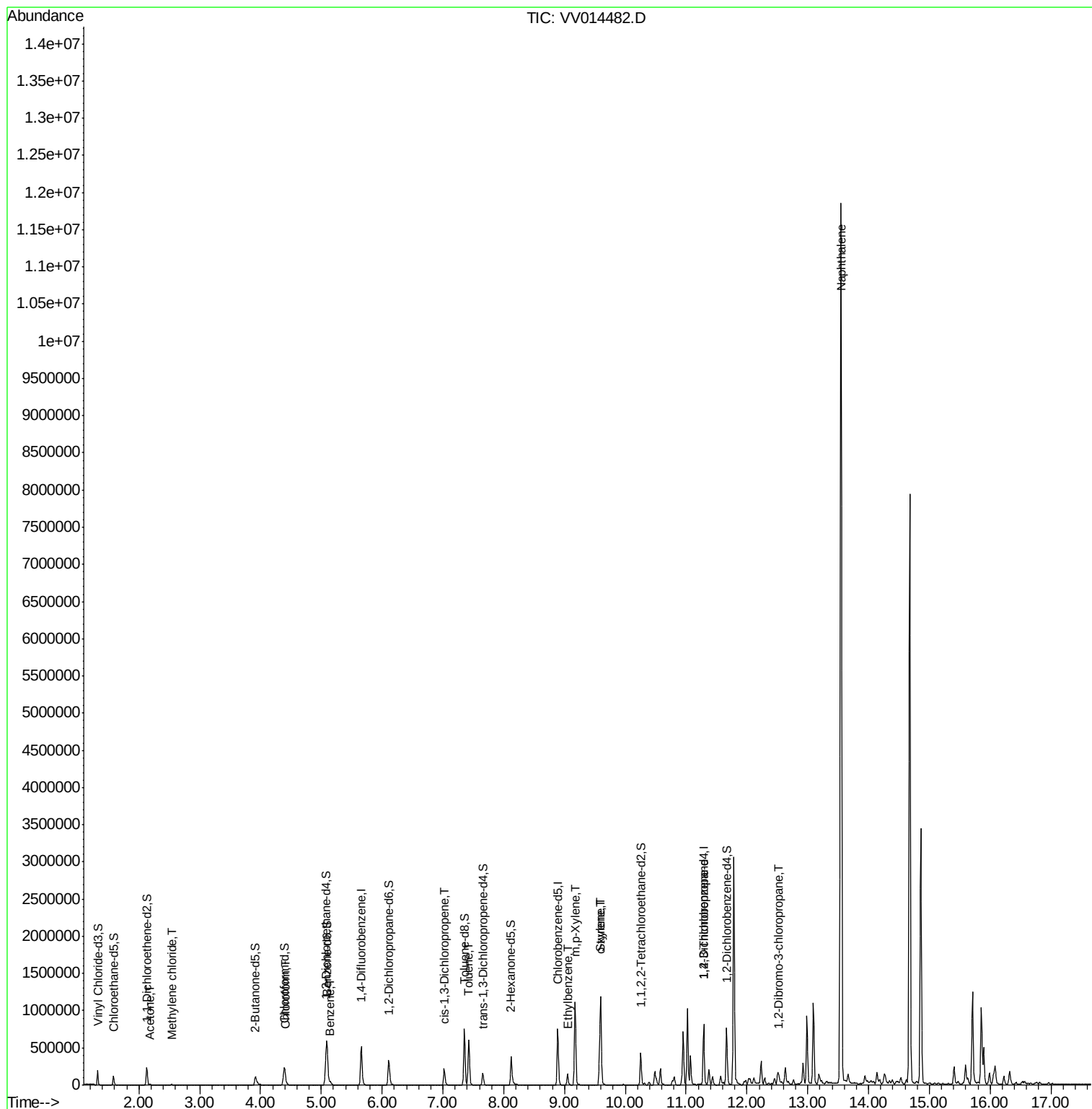
					Qvalue
13) Acetone	2.19	43	3960	2.807 ug/L	81
16) Methylene chloride	2.53	84	2399	0.740 ug/L	97
25) Chloroform	4.42	83	4420	0.824 ug/L	82
33) Benzene	5.14	78	41455	3.410 ug/L	100
39) cis-1,3-Dichloropropene	7.02	75	4986	0.998 ug/L #	63
42) Toluene	7.42	91	431026	33.865 ug/L	98
52) Ethylbenzene	9.05	91	108377	7.587 ug/L	97
53) m,p-Xylene	9.17	106	310493	58.209 ug/L	98
54) o-xylene	9.58	106	131245	24.831 ug/L	98
55) Styrene	9.60	104	507666	57.232 ug/L	98
59) 1,2,3-Trichloropropane	11.29	75	24335	6.777 ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.52	75	3177	3.142 ug/L #	3
69) Naphthalene	13.55	128	9286607	744.642 ug/L	98

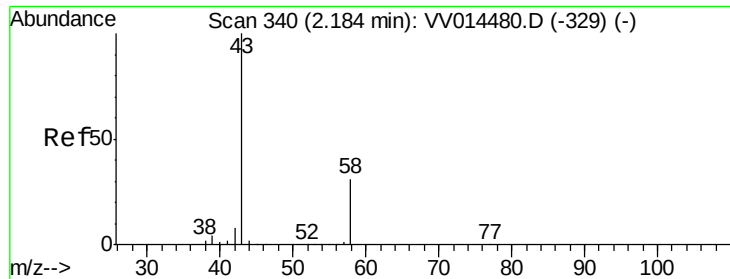
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.807 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV014482.D

Acq: 03 Feb 2020 11:53

Instrument :

MSVOA_V

ClientSampled :

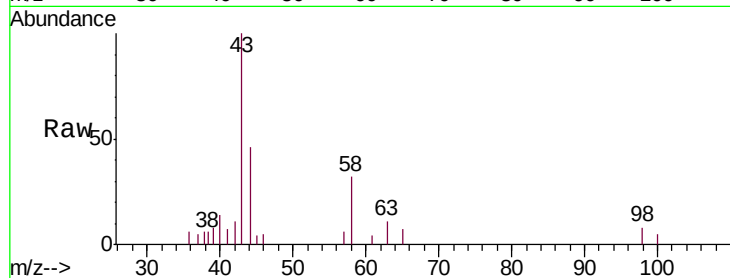
GAT49DL

Tgt Ion: 43 Resp: 3960

Ion Ratio Lower Upper

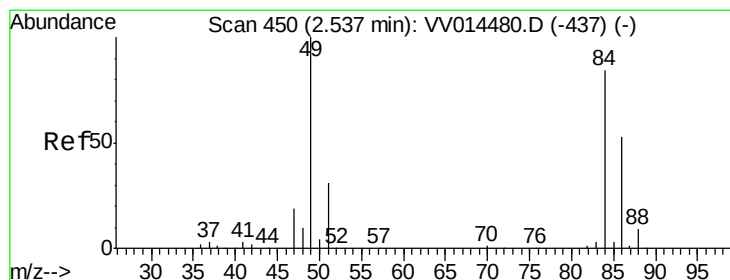
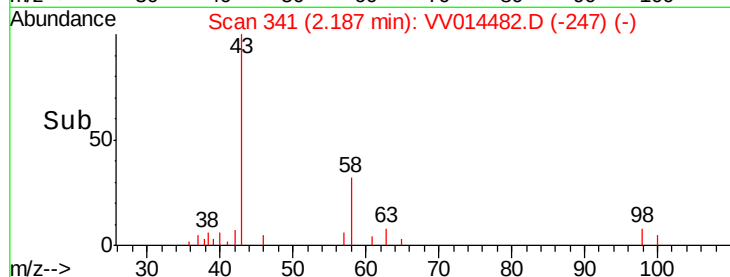
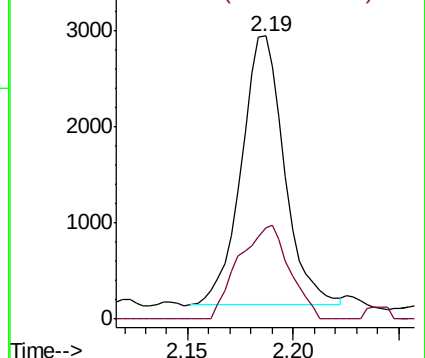
43 100

58 41.1 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 0.740 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV014482.D

Acq: 03 Feb 2020 11:53

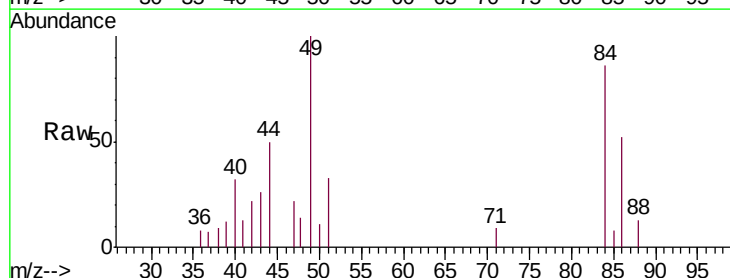
Tgt Ion: 84 Resp: 2399

Ion Ratio Lower Upper

84 100

86 60.9 45.6 84.8

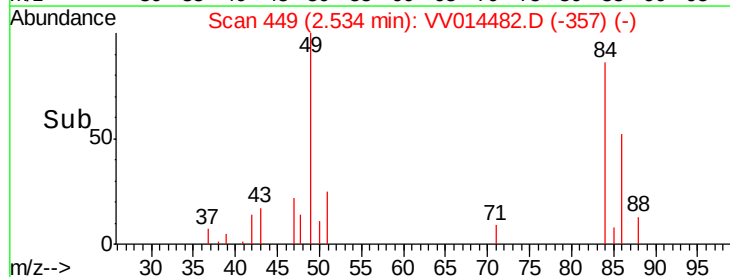
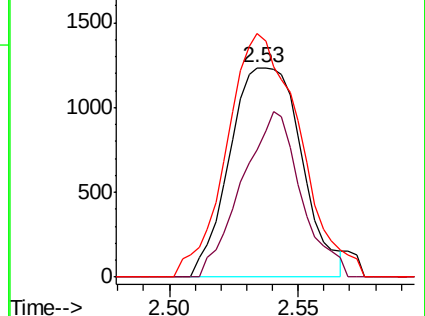
49 116.2 82.7 153.7

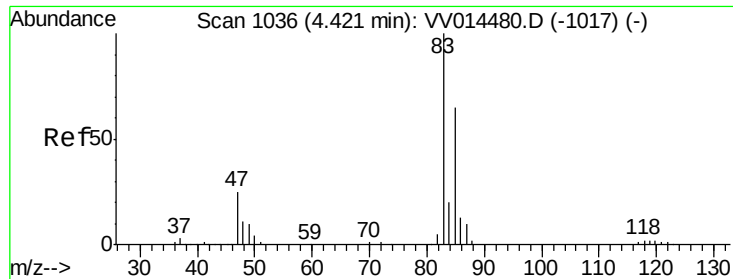


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

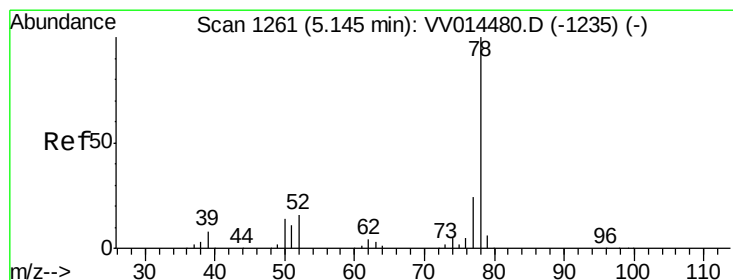
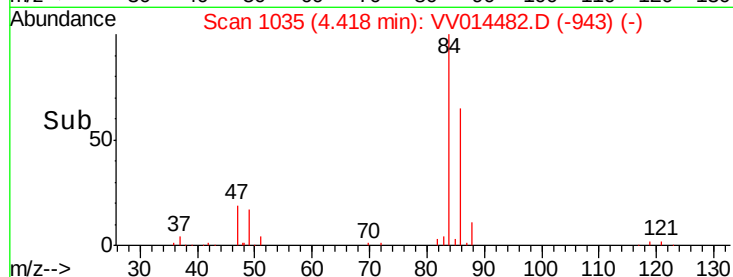
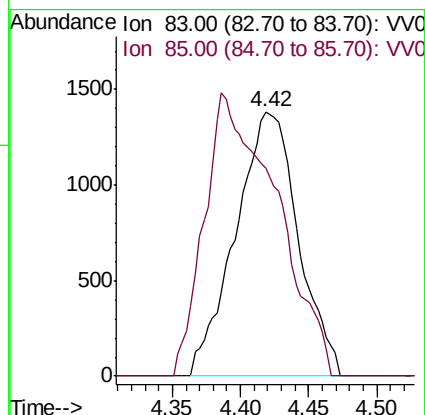
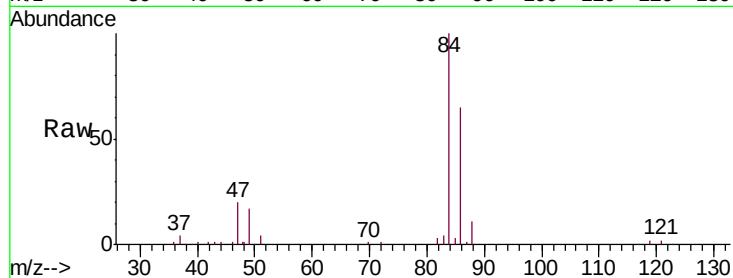




#25
Chloroform
Concen: 0.824 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VV014482.D
Acq: 03 Feb 2020 11:53

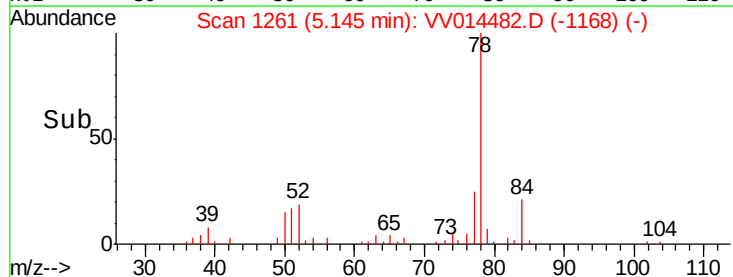
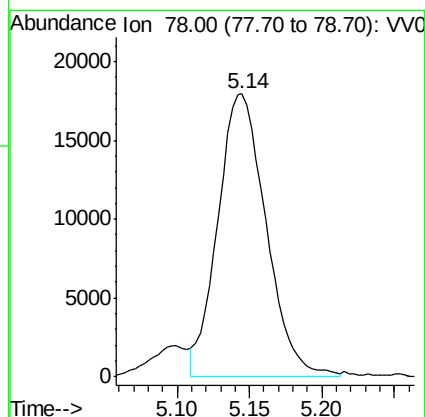
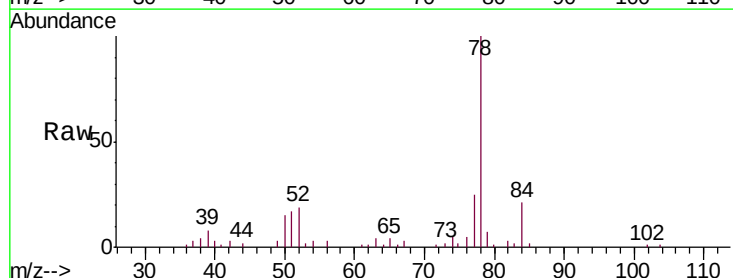
Instrument :
MSVOA_V
ClientSampleId :
GAT49DL

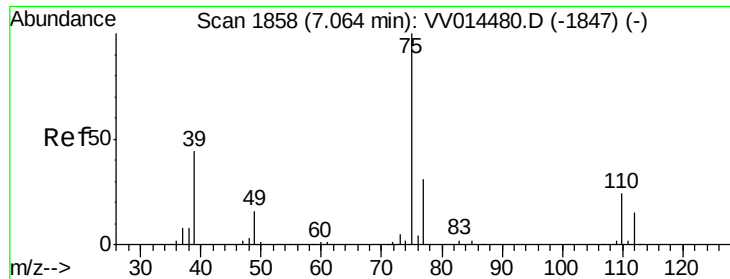
Tgt Ion: 83 Resp: 4420
Ion Ratio Lower Upper
83 100
85 78.5 45.1 83.7



#33
Benzene
Concen: 3.410 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV014482.D
Acq: 03 Feb 2020 11:53

Tgt Ion: 78 Resp: 41455

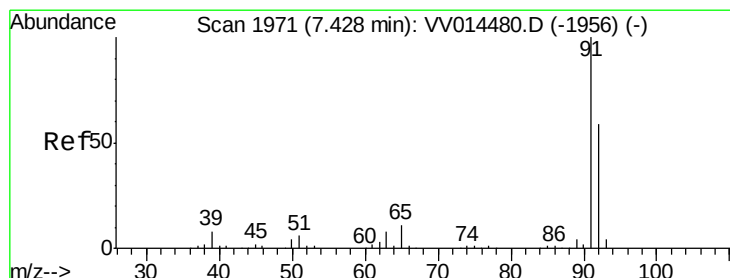
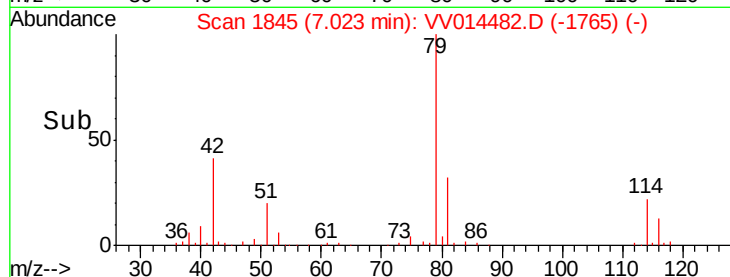
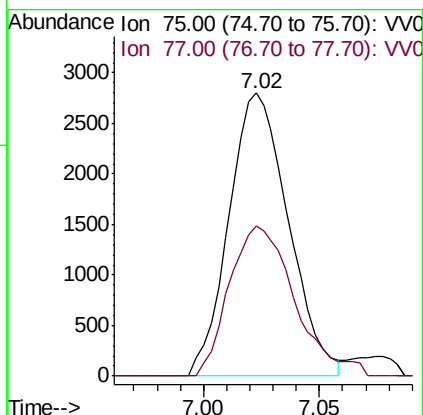
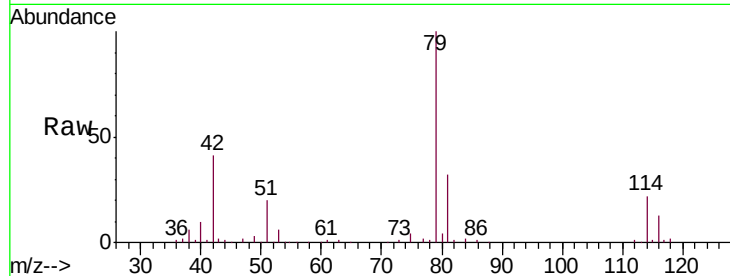




#39
 cis-1,3-Dichloropropene
 Concen: 0.998 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.04 min
 Lab File: VV014482.D
 Acq: 03 Feb 2020 11:53

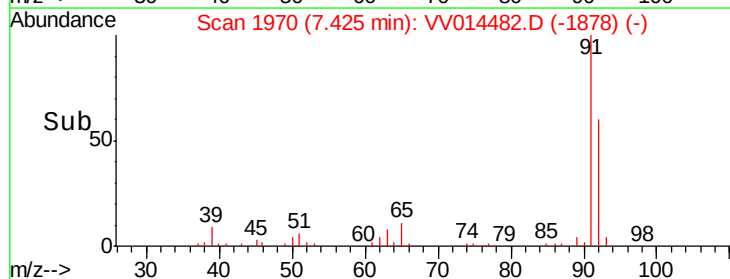
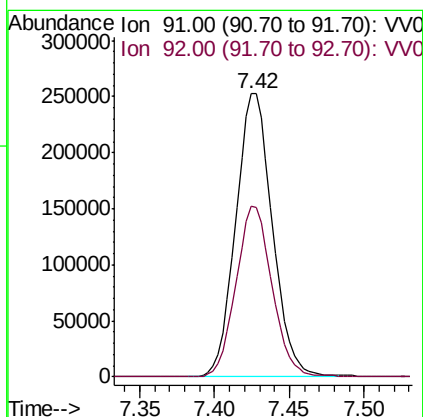
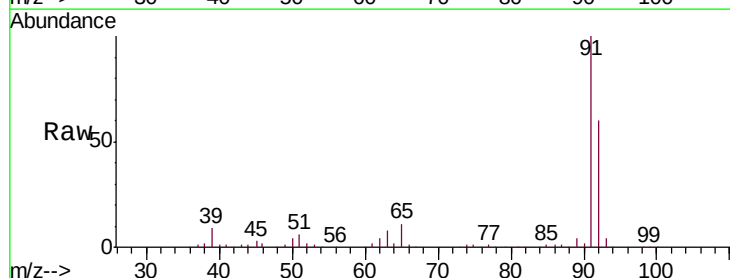
Instrument :
 MSVOA_V
 ClientSampleId :
 GAT49DL

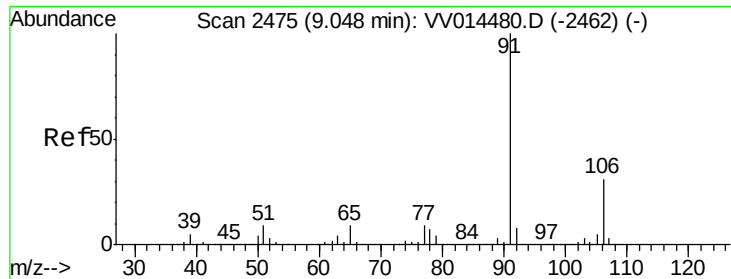
Tgt Ion: 75 Resp: 4986
 Ion Ratio Lower Upper
 75 100
 77 53.1 22.7 42.3#



#42
 Toluene
 Concen: 33.865 ug/L
 RT: 7.42 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VV014482.D
 Acq: 03 Feb 2020 11:53

Tgt Ion: 91 Resp: 431026
 Ion Ratio Lower Upper
 91 100
 92 60.2 41.0 76.2





#52

Ethylbenzene

Concen: 7.587 ug/L

RT: 9.05 min Scan# 2475

Delta R.T. 0.00 min

Lab File: VV014482.D

Acq: 03 Feb 2020 11:53

Instrument :

MSVOA_V

ClientSampleId :

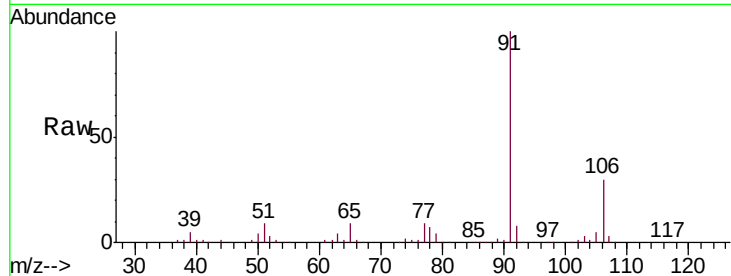
GAT49DL

Tgt Ion: 91 Resp: 108377

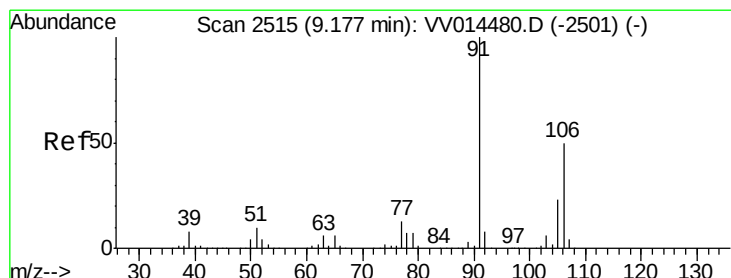
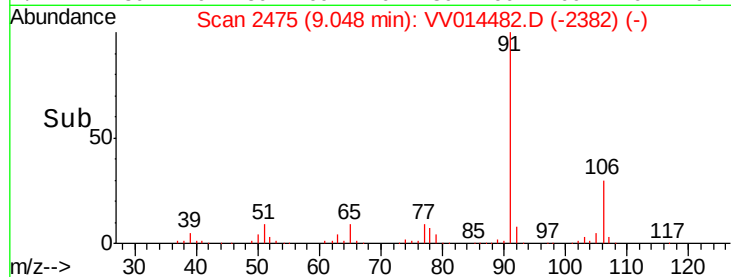
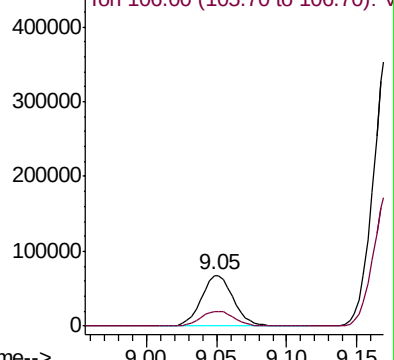
Ion Ratio Lower Upper

91 100

106 29.6 21.8 40.6



Abundance Ion 91.00 (90.70 to 91.70): VV014482.D (-2382) (-)



#53

m,p-Xylene

Concen: 58.209 ug/L

RT: 9.17 min Scan# 2514

Delta R.T. -0.00 min

Lab File: VV014482.D

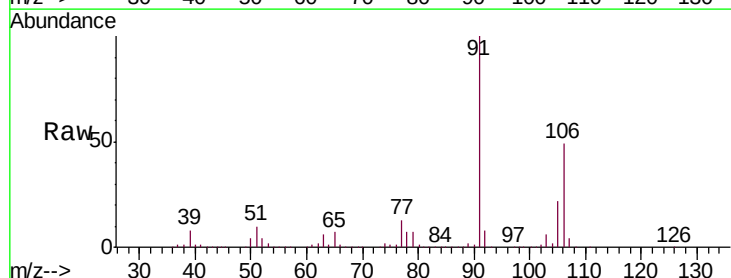
Acq: 03 Feb 2020 11:53

Tgt Ion: 106 Resp: 310493

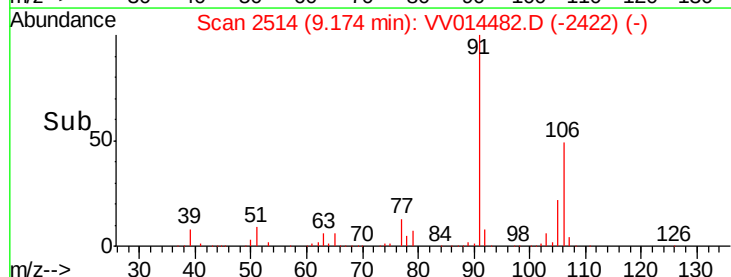
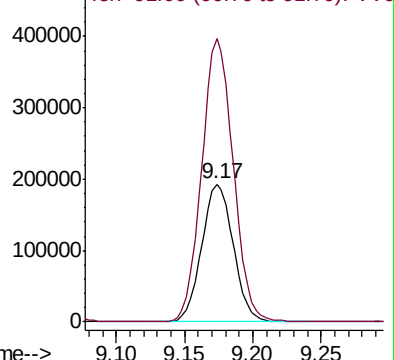
Ion Ratio Lower Upper

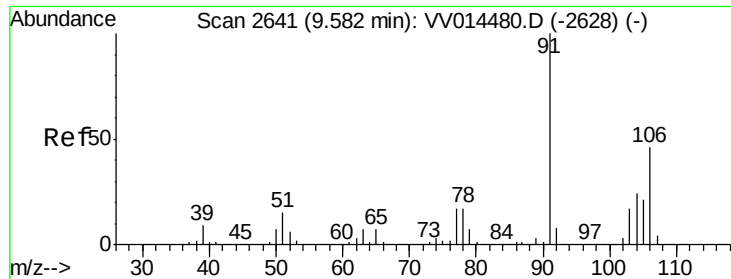
106 100

91 205.0 140.9 261.7



Abundance Ion 106.00 (105.70 to 106.70): VV014482.D (-2422) (-)





#54

o-xylene

Concen: 24.831 ug/L

RT: 9.58 min Scan# 2641

Delta R.T. 0.00 min

Lab File: VV014482.D

Acq: 03 Feb 2020 11:53

Instrument :

MSVOA_V

ClientSampleId :

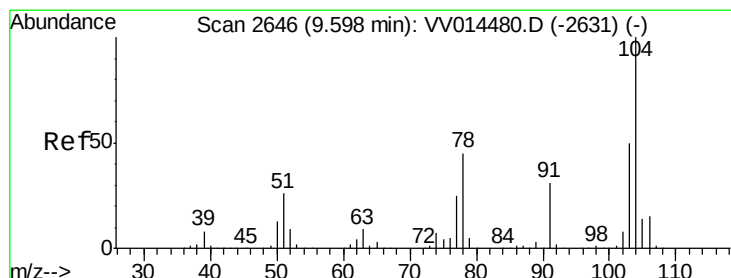
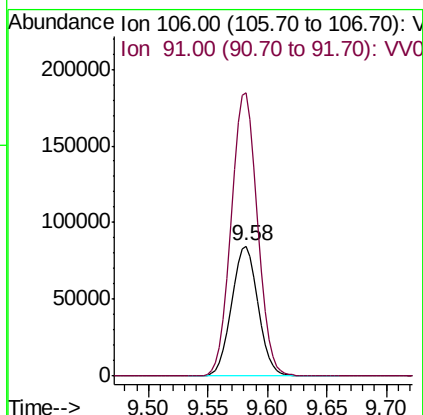
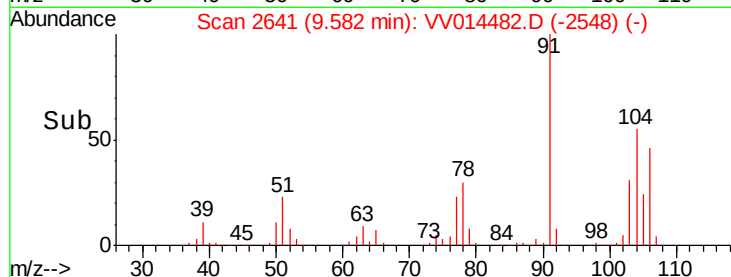
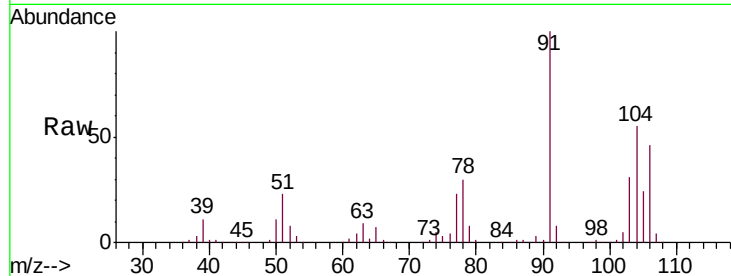
GAT49DL

Tgt Ion:106 Resp: 131245

Ion Ratio Lower Upper

106 100

91 217.5 150.4 279.2



#55

Styrene

Concen: 57.232 ug/L

RT: 9.60 min Scan# 2646

Delta R.T. 0.00 min

Lab File: VV014482.D

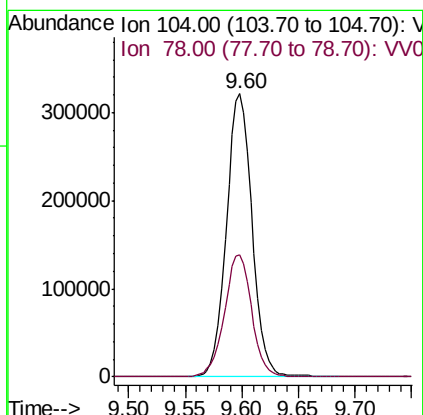
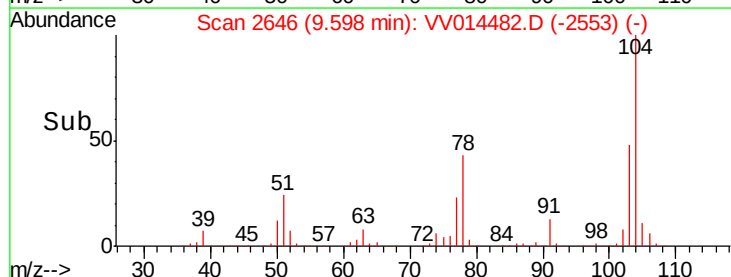
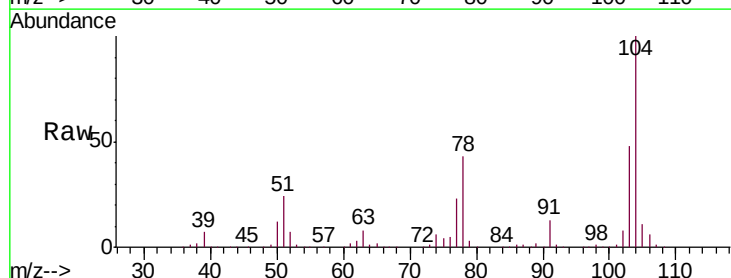
Acq: 03 Feb 2020 11:53

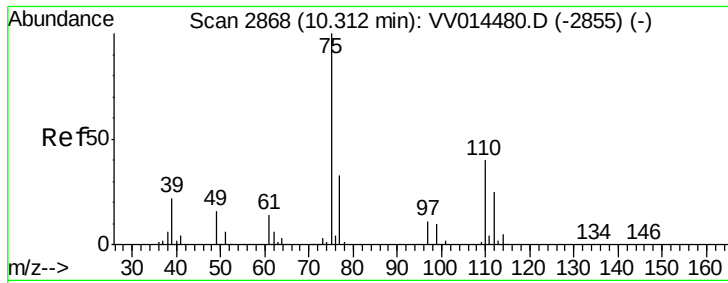
Tgt Ion:104 Resp: 507666

Ion Ratio Lower Upper

104 100

78 43.1 31.3 58.1

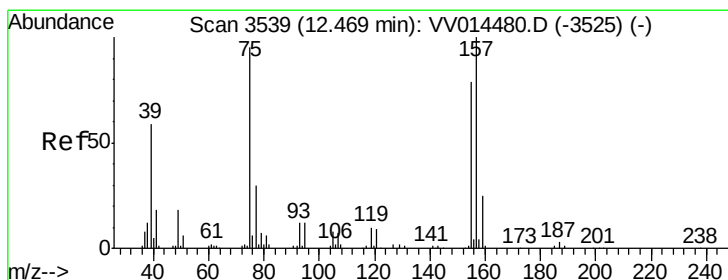
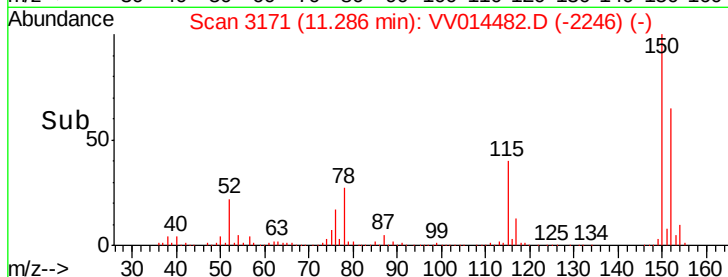
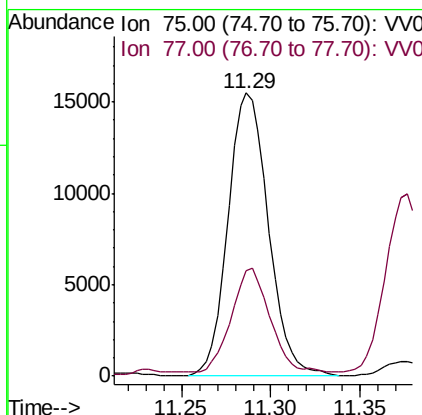
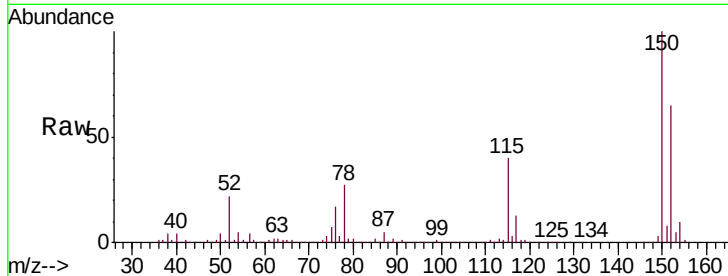




#59
 1,2,3-Trichloropropane
 Concen: 6.777 ug/L
 RT: 11.29 min Scan# 3171
 Delta R.T. 0.97 min
 Lab File: VV014482.D
 Acq: 03 Feb 2020 11:53

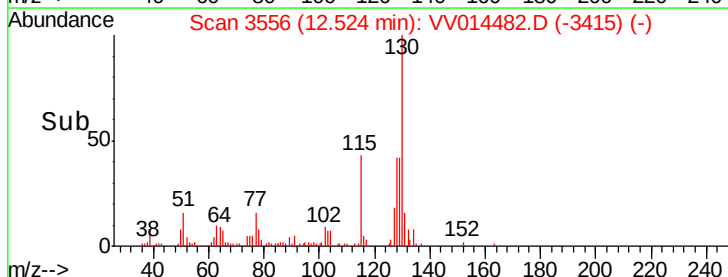
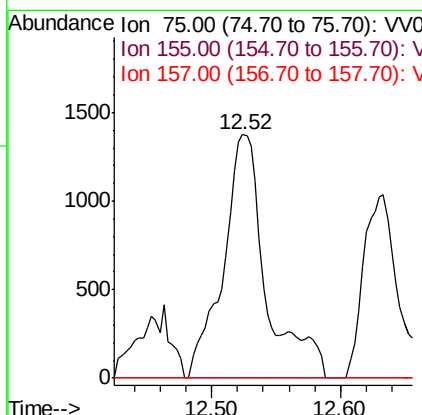
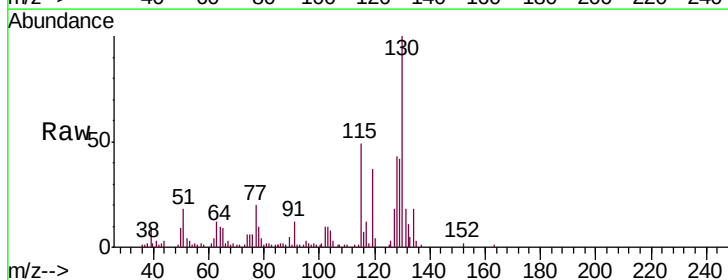
Instrument :
 MSVOA_V
 ClientSampled :
 GAT49DL

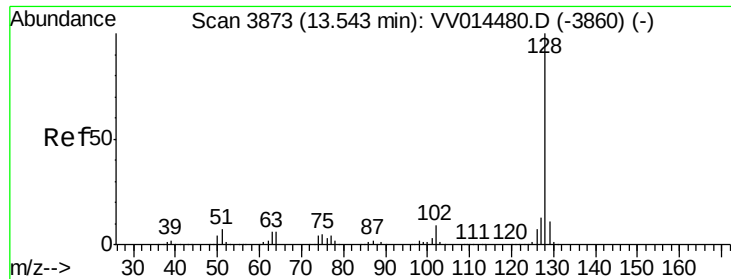
Tgt Ion: 75 Resp: 24335
 Ion Ratio Lower Upper
 75 100
 77 34.5 25.9 38.9



#66
 1,2-Dibromo-3-chloropropane
 Concen: 3.142 ug/L
 RT: 12.52 min Scan# 3556
 Delta R.T. 0.05 min
 Lab File: VV014482.D
 Acq: 03 Feb 2020 11:53

Tgt Ion: 75 Resp: 3177
 Ion Ratio Lower Upper
 75 100
 155 0.0 64.2 96.2#
 157 0.0 83.4 125.2#





#69

Naphthalene

Concen: 744.642 ug/L

RT: 13.55 min Scan# 3874

Delta R.T. 0.00 min

Lab File: VV014482.D

Acq: 03 Feb 2020 11:53

Instrument :

MSVOA_V

ClientSampleId :

GAT49DL

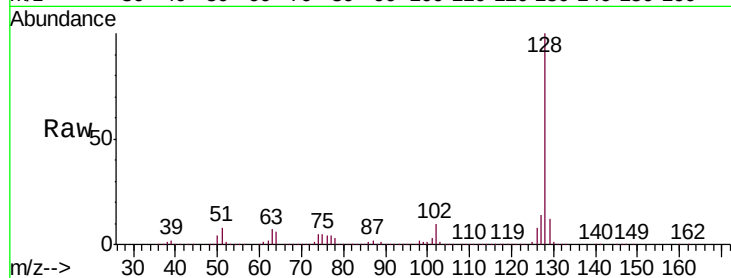
Tgt Ion:128 Resp: 9286607

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.4

129 11.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

